

**STATISTICAL  
ABSTRACT of the  
United States  
1967**

**NATIONAL DATA BOOK  
AND GUIDE TO SOURCES**

**88th Edition**

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## ***To Guide Your Way***

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**STATISTICAL  
ABSTRACT of the  
United States  
1967**

*88th Annual Edition*

Prepared under the direction of  
**EDWIN D. GOLDFIELD**  
Chief, Statistical Reports Division



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**Alexander B. Trowbridge, Secretary**  
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## ACKNOWLEDGMENTS

This edition of the *Statistical Abstract* was prepared under the direction of Edwin D. Goldfield, Chief, Statistical Reports Division. William Lerner, Assistant Chief, was responsible for general supervision, planning of content, and review. Helen E. Teir was responsible for compilation, assisted by Juanita A. Wright for technical editorial work and Minerva K. Moreland for editing and clerical operations.

The cooperation of the many contributors to this volume is gratefully acknowledged. The list of sources of tables (pp. 1001-1006) and the source note below each table credit the various government and private agencies which have collaborated in furnishing information for the *Statistical Abstract*.

In a few instances, contributors have requested that their data be designated as subject to copyright restrictions. The source notes to the tables affected include a copyright notice. Permission to use copyright material should be obtained directly from the copyright owner.

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## PREFACE

The *Statistical Abstract of the United States*, published annually since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source notes appearing below each table, the Guide to Sources, the section on Publications of Recent Censuses, and the Guide to State Statistical Abstracts.

This volume includes a selection of data from many statistical publications, both governmental and private. Publications cited as sources usually contain additional statistical detail and more comprehensive discussions of definitions and concepts than can be presented here. Data not available in publications issued by the contributing agency but obtained from the agency's unpublished tabulations and records are identified in the source notes as "unpublished data." More information on the subjects covered in tables so noted may generally be obtained from the contributing agency.

Except as otherwise indicated, figures are for the United States as presently constituted. Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States. Statistics for the Commonwealth of Puerto Rico and for outlying areas of the United States are included in the State tables whenever available and are supplemented by information in section 32. Statistics for cities or other relatively small geographic units appear only in a few instances. Additional information for cities, counties, metropolitan areas, congressional districts, and other small units, as well as more historical data, are available in various supplements to the *Abstract*. (See pages v and vi.)

**Special feature in the 1967 edition.**—A new section, "Metropolitan Area Statistics" was especially prepared for this edition. It presents in 2 tables a large selection of items of current statistical information for every area officially defined as a "standard metropolitan statistical area" by the U.S. Bureau of the Budget. Reprints of this section may be obtained by writing to the Superintendent of Documents, Washington, D.C. 20402. Price for single copies is 25 cents; for sets of 100 copies sent to the same address, \$18.75.

**Other changes in the 1967 edition.**—This edition, the 88th annual issue, presents data for the most recent year or period available during the early part of 1967.

Each year the more than 1,300 tables and charts are reviewed and evaluated. New tables and charts of current interest are added, continuing series are brought up to date, and less timely data are curtailed or eliminated. Text notes are revised as necessary to incorporate new definitions and source references. This year, the table of contents was restyled to include page numbers for charts and subject groups within sections.

Newly released information contained in this edition includes data on crime and on victims and cost of crime, provided by the President's Commission on Law Enforcement and Administration of Justice (tables 211, 214, 220, 221, and 237); data on incidence of poverty obtained through sample surveys conducted by the Bureau of the Census (tables 482-485); data on poverty programs supplied by the Office of Economic Opportunity (tables 486 and 487); data on national wealth abstracted from *Finance* magazine (tables 492-496); and data from the 1964 Census of Agriculture (primarily in section 23). New tables on subjects of particular current interest include population projections for States (table 11); data on the performing arts (table 309); military personnel on active duty, including the Viet-Nam conflict (tables 372-374); the National Guard (tables 379 and 380); pollution-caused fish kill (tables 1013 and 1014); and comparative international data on armed forces personnel and national defense expenditures.



Altogether, there are 78 entirely new tables in this edition, scattered through 23 of the first 33 sections. In addition to the tables specified above, significant inclusions in various sections are 5 new tables on health in section 2; 6 on education in section 4; 2 on labor unions in section 8; and 4 on manufacturing capacity and concentration in section 29.

Following is a list of some of the subjects covered by the new tables:

Population by States, pp. 13, 25	Federal aid to governments, pp. 392, 393
Employment in health services, p. 67	Government finances, p. 417
Nursing homes, p. 78	Finances of largest cities, p. 436
Absence due to illness, p. 81	Uses and sources of funds, pp. 448, 449
Arthritis and hypertension, p. 85	Money in circulation, p. 450
Educational attainment, p. 116	Federal aid to research, p. 540
Negro and white school enrollment, p. 125	Truck carriers, p. 566
Achievement tests, p. 125	Bus carriers, p. 568
College enrollment, p. 134	Farms and acreage, p. 605
Victims of crime, p. 152	Farm households, p. 606
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Economic growth rates, p. 322	Concentration in manufacturing, p. 750
Poverty, pp. 338-341	Flat glass production, p. 770
Size of saving, p. 343	Balance of payments, p. 814
National wealth, pp. 344, 345	International output rates, p. 869
Size of congressional districts, p. 371	Armed forces of foreign countries, p. 871
Voter participation, p. 380	Defense expenditures, p. 871

Of the tables included in the 1966 edition, 109 were omitted from this issue. The omissions, scattered through 27 sections, represent primarily tables for which comparable details appear in the new or retained tables or for which no recent data are available.

**Responsibility.**—The contents of this volume were taken from a large number of sources (see "Source Agencies and Table Numbers"). The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

#### SUGGESTIONS AND COMMENTS

Many persons have offered suggestions for improving the presentation of data in the *Statistical Abstract* and its supplements. Their comments have been most helpful. Users of these publications are urged to continue to make their needs known for consideration in planning future editions. Suggestions and comments should be sent to the Director, Bureau of the Census, Washington, D.C. 20233.

#### FOR ADDITIONAL INFORMATION ON DATA PRESENTED

please consult the source publications available in local libraries or write to the agencies indicated in the source notes to the tables covering the desired subject. Write to the Bureau of the Census only if it is cited as the source.

# STATISTICAL ABSTRACT SUPPLEMENTS

*County and City Data Book, 1967.* A compact presentation of 144 items of statistical data for each county in the United States, 113 items for each of 224 standard metropolitan statistical areas, and 148 items for each of 683 incorporated cities having 25,000 inhabitants or more in 1960. Information comparable to that for counties is also presented for geographic regions and divisions, and for States. Items included based largely on results of 1962 census of governments, 1963 censuses of business, manufactures, and mineral industries, and 1964 census of agriculture, as well as data from the 1960 censuses of population and housing. Includes 53 maps, explanatory and definitive text, source notes, and appendixes on area and population of urban places, county governments, cities without weather stations, special censuses, and sources of population estimates. 713 pages. Issued 1967. Price \$5.50 (clothbound).

*Pocket Data Book, USA 1967.* Graphic and tabular presentation of summary statistics on a wide variety of subjects. Designed for quick and easy reference. In color; pocket-size; 368 pages. Issued 1967. Price \$1.50 (paperbound).

*Directory of Federal Statistics for Local Areas, 1966.* A comprehensive finding guide to sources of Federal statistics for metropolitan areas, counties, urban places, and other local areas. Specific sources shown for hundreds of items of information on agriculture, banking, business, construction, governments, housing, income, labor, manufactures, mineral industries, population, transportation, and other subjects. 162 pages. Issued 1966. Price \$1.00 (paperbound).

*Directory of Federal Statistics for States, 1967.* Scheduled for release in late 1967. Similar in subject matter coverage to the directory for local areas, cited above, but devoted entirely to the voluminous data available at the State level. Approximately 375 pages; paperbound.

(Continued on page vi)



# STATISTICAL ABSTRACT SUPPLEMENTS

(Continued)

*Congressional District Data Book (Districts of the 88th Congress) and Supplements, Redistricted States.* The *Data Book* together with supplements for 7 States that redistricted after the beginning of the 88th Congress present data for all congressional districts as constituted for the 89th Congress. Includes 254 statistical items for all 435 congressional districts; 113 items pertaining to nonwhite population for selected districts; and 144 items for districts or combinations of districts following county lines. Based largely on results of recent censuses. Includes text, source notes, maps for each State showing congressional district boundaries, and lists of urban places with 10,000 or more inhabitants. **Supplements for States redistricting for the 90th Congress** contain data on vote cast, 1954 to 1964, 226 statistical items on population and housing for all districts, 113 items pertaining to the nonwhite population for selected districts, and maps showing the new district boundaries. *Data Book* (clothbound) 603 pages, issued 1964; *Supplements* (paper) 89th Congress, issued 1965; 90th Congress, issued 1966 and 1967. Price—*Data Book* and *Supplements* \$4.75.

*Historical Statistics of the United States, Colonial Times to 1957.* Prepared with the cooperation of the Social Science Research Council. A compilation of more than 8,000 statistical time series, largely annual, on American social and economic development covering periods from 1610 to 1957. Includes definitions of terms and descriptive text. Specific source notes provide a basic guide to original published sources for further reference and additional data. Detailed alphabetical subject index. 801 pages. Issued 1960. Price \$6.00 (clothbound).

*Historical Statistics of the United States, Colonial Times to 1957; Continuation to 1962 and Revisions.* Carries forward the more than 6,000 series in the basic volume that are still current; includes about 300 series that are complements to, or substitutes for, series discontinued since 1956; and presents revisions and corrections for more than 650 series. 158 pages. Issued 1965. Price \$1.00 (paperbound).

Purchase orders should be addressed to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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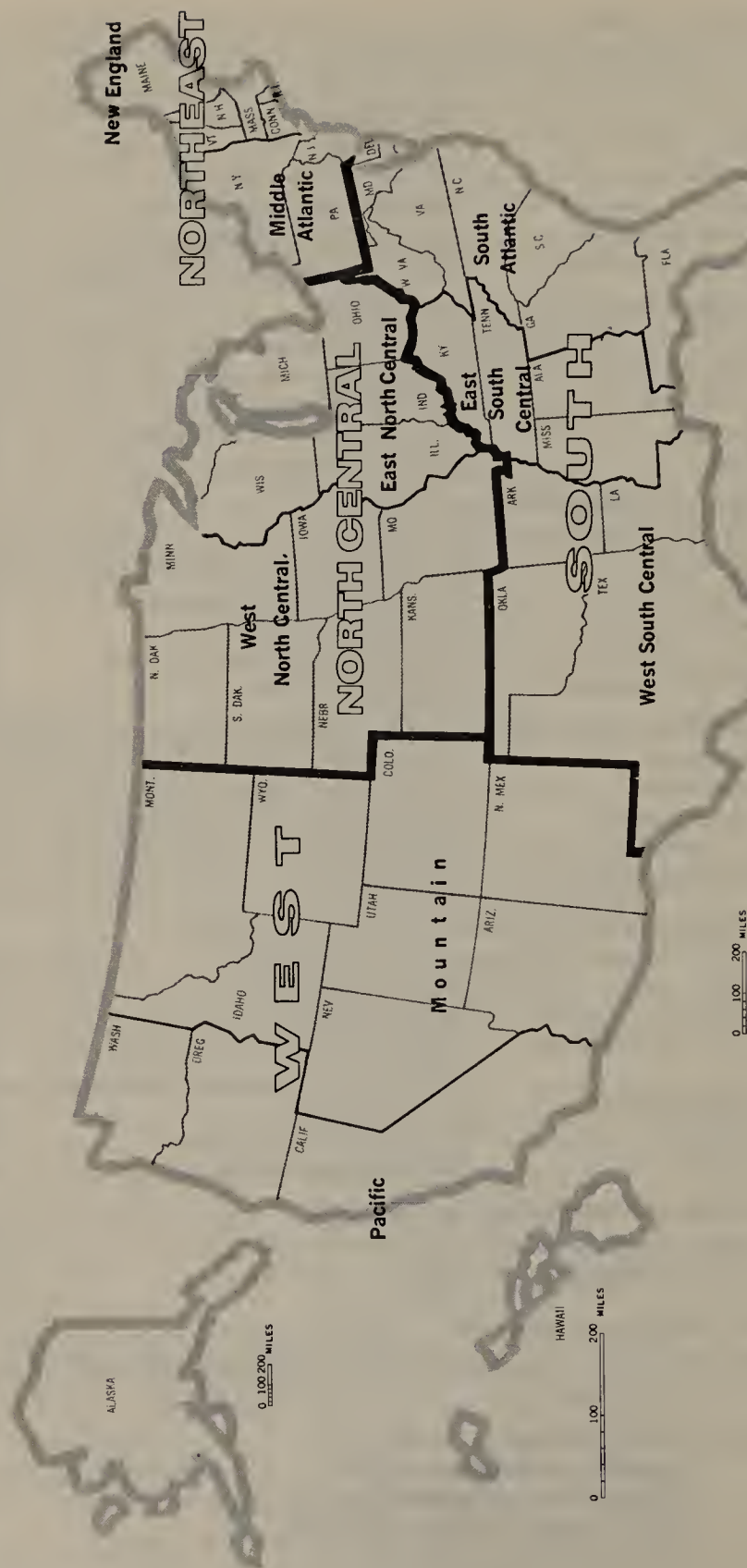
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FIG. I. MAP OF THE UNITED STATES, SHOWING CENSUS REGIONS AND DIVISIONS

[Alaska and Hawaii are drawn at different scales from conterminous United States and are not shown in their correct relative geographic positions]



## Section 1

### Population

This section presents statistics on the growth, distribution, and characteristics of the population of the United States. The principal source of these data is the Bureau of the Census, which conducts a decennial census of the population and a monthly current population survey and also prepares periodic population estimates. For a listing of specific publications issued, see the Guide to Sources.

**Decennial censuses.**—The Constitution provides for a census of the population every 10 years, primarily to establish a basis for apportionment of Members of the House of Representatives among the States. For over a century after the first census in 1790, the census organization was a temporary one. In 1902, the Bureau of the Census was established as a permanent Federal Agency, responsible for enumerating the population and also for compiling statistics on other subjects and at other times.

In the 1960 Census, as in previous censuses, each person was counted as an inhabitant of his usual place of residence (the place where he lives and sleeps most of the time). While this place is not necessarily his legal residence, voting residence, or domicile, the use of these different bases of classification would usually produce substantially the same statistics.

In the last 3 decennial Censuses, some data were obtained from representative samples of the population rather than from a complete count, as follows: 5 percent in 1940, 20 percent in 1950, and 25 percent in 1960. Exact agreement is not to be expected among the various samples, nor between them and the complete count, but sample data may be used with confidence where large numbers are involved and assumed to indicate patterns and relationships where small numbers are involved.

**Current Population Survey.**—This is a monthly nationwide survey of a scientifically selected sample representing the noninstitutional civilian population. The sample is located in 357 areas comprising 701 counties and independent cities with coverage in every State. About 40,000 housing units and other quarters are designated for the sample at any time, of which about 35,000 (containing 80,000 persons 14 years old and over) are occupied by households eligible for interview; of these, in turn, about 4 to 6 percent are, for various reasons, unavailable for interview. For a discussion of the reliability of estimates based on the sample, see text, p. 217.

**Population estimates and projections.**—National estimates are derived by use of decennial census data as benchmarks and of data reflecting components of population change available from various agencies as follows: Births and deaths (Public Health Service); immigrants and emigrants (Immigration and Naturalization Service); the Armed Forces (Department of Defense); net migrants (Puerto Rico Planning Board); and Federal employees abroad (Civil Service Commission). State estimates are based on similar data and also on school statistics from State Departments of Education and parochial school systems.

National population projections indicate the approximate future level and characteristics of the population under given assumptions as to future fertility, mortality, and net immigration from abroad. The method used to develop the projections involved preparation of separate projections of each of the components of population change—births, deaths, and net immigration—and the combination of these with July 1 estimates of the current population. The projections by State incorporate further assumptions about population redistribution through interstate migration throughout the projection period.

For details concerning methodology, see the sources cited below the tables containing projections data.



**Standard Metropolitan Statistical Areas (SMSA).**—The entire territory of the United States has been classified by the Bureau of the Budget as either (a) metropolitan, or “inside SMSA’s,” and (b) nonmetropolitan, or “outside SMSA’s.” An SMSA is a county or group of contiguous counties (except in New England) which contains at least one central city of 50,000 inhabitants or more or “twin cities” with a combined population of at least 50,000. In addition, other contiguous counties are included in an SMSA if, according to certain criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city. In New England, towns and cities rather than counties are used in defining SMSA’s. Central cities are those named in the titles of the areas. For a more detailed explanation and a listing of the component areas of each SMSA, see Bureau of the Budget, *Standard Metropolitan Statistical Areas, 1964*. Data on metropolitan-nonmetropolitan residence obtained from the Current Population Survey relate to SMSA’s as defined at the time of the 1960 Census of Population except as otherwise noted.

**Urban and rural areas.**—According to the 1960 Census definition, the urban population comprises all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, villages, and towns (except towns in New England, New York, and Wisconsin); (b) the densely settled urban fringe, whether incorporated or unincorporated, of urbanized areas; (c) towns in New England and townships in New Jersey and Pennsylvania which contain no incorporated municipalities as subdivisions and have either 25,000 inhabitants or more or a population of 2,500 to 25,000 and a density of 1,500 persons or more per square mile; (d) counties in States other than the New England States, New Jersey, and Pennsylvania that have no incorporated municipalities within their boundaries and have a density of 1,500 persons or more per square mile; and (e) unincorporated places of 2,500 inhabitants or more.

Substantially the same definition was used for the 1950 Census, the major difference being the designation in 1960 of urban towns in New England and urban townships in New Jersey and Pennsylvania. In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 inhabitants or more and areas (usually minor civil divisions) classified as urban under somewhat different rules relating to population size and density. In all definitions, the population not classified as urban constitutes the rural population.

Changes in the size of the urban population from one census to another are affected by 2 components: (a) Growth in areas classified as urban at the beginning of the decade; and (b) reclassification of rural territory as urban. Between censuses, it is possible only to obtain measures of the first component from the Current Population Survey (see p. 1). Measures of the second are too costly. Since about 60 percent of the urban population growth between 1950 and 1960 was attributable to expansion of urban territory, data on the urban population from the Survey may be misleading. Consequently, regular publication of data on urban-rural residence from the Current Population Survey has been discontinued.

**Farm and nonfarm residence.**—The rural population is divided into “rural-farm,” comprising all persons living on farms, and “rural-nonfarm,” comprising the remainder. According to the 1960 Census definition, the farm population consists of all persons living in rural territory on places of less than 10 acres yielding agricultural products which sold for \$250 or more in the previous year, or on places of 10 acres or more yielding agricultural products which sold for \$50 or more in the previous year.

**Color and race.**—The concept of race as used by the Bureau of the Census is derived from that which is commonly accepted by the general public as reflected in the action of legislative and judicial bodies of the country. It does not, therefore, reflect clear-cut definitions of biological stock, and several categories refer to nationality. “Color” divides the population into white and nonwhite. The nonwhite population consists

of Negroes, American Indians, Japanese, Chinese, Filipinos, and all others not classified as white. Persons of Mexican birth or ancestry who are not definitely Indian or of other nonwhite stock are counted as white. Persons of mixed parentage are classified by the race or color of the nonwhite parent.

**Mobility status.**—Classification of the population by mobility status is based on comparison of an individual's place of residence at the survey or census date with that of a specified earlier date. *Mobile persons or movers* includes all persons living in different houses in the United States at the beginning and at the end of the period. According to their new location, they may be "same county movers" or "different county movers, or migrants." Migrants in turn are classified according to whether they moved within the same State or into a different State. *Nonmobile persons or nonmovers* includes all persons living in the same house in the United States at the beginning and end of the period. *Persons abroad* includes all persons living outside the United States at the beginning of the period.

**Nativity.**—The category "Native" comprises persons born in the United States, the Commonwealth of Puerto Rico, or a possession of the United States. It also includes persons born in a foreign country or at sea who have at least one parent born in the United States. Persons whose place of birth was not reported are assumed to be native unless their census report contains contradictory information, such as an entry of a language spoken prior to coming to the United States. Persons not having any of the foregoing qualifications are classified as "foreign born."

**Household.**—A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." A household includes the head of the household, others in the housing unit related to the head, and also the unrelated persons, if any, such as lodgers, foster children, wards, or employees who regularly live in the house. A person living alone or a group of unrelated persons sharing the same housing unit as partners is also counted as a household. Prior to 1960 a household was defined as all the persons occupying a "dwelling unit." See text, section 28, Construction and Housing, for definitions of "housing unit" and "dwelling unit."

Group quarters are living arrangements for persons who do not live in housing units. Examples of group quarters are: A house with at least five lodgers, an institution, a college dormitory, or a military barracks.

**Family.**—The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together. A primary family consists of the head of a household and all other persons in the household related to the head. A secondary family comprises two or more persons such as guests, lodgers, or resident employees and their relatives, living in a household or group quarters (other than such groups among inmates of institutions) and related to each other.

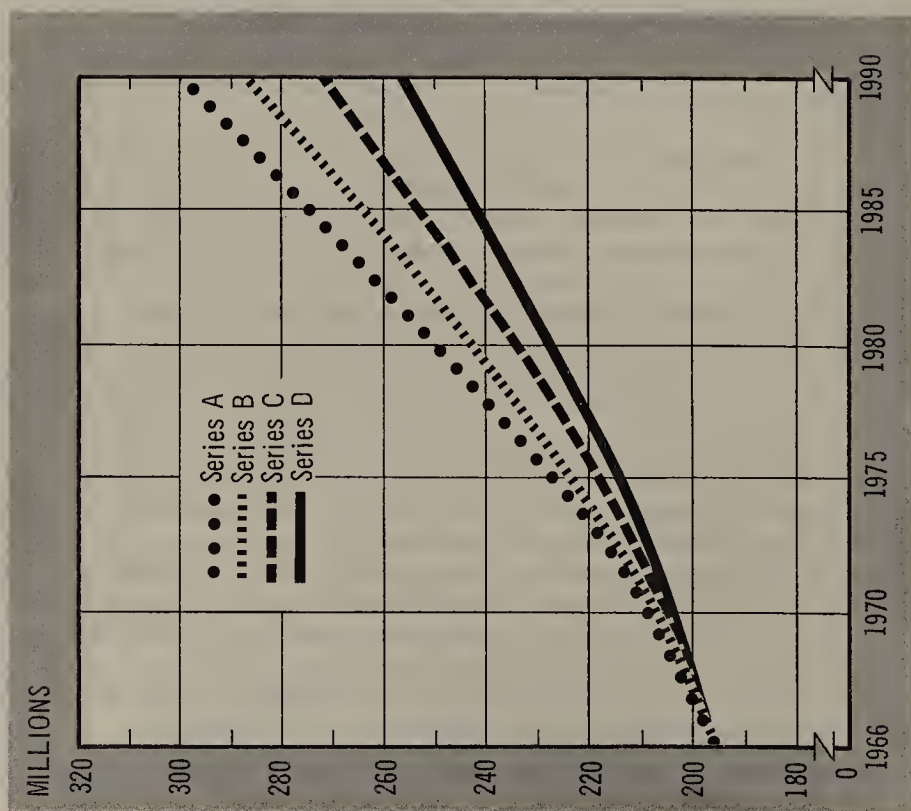
**Subfamily.**—A "subfamily" is a married couple with or without children, or one parent with one or more children under 18 years old, living in a household and related to, but not including, the head of the household or his wife. Members of a subfamily are also members of the primary family with whom they live. The number of subfamilies, therefore, is not included in the number of families.

**Married couple.**—A "married couple" is defined as a husband and his wife living together, with or without children and other relatives.

**Unrelated individuals.**—"Unrelated individuals" refers to persons (other than inmates of institutions) who are not living with any relatives. A primary individual is a household head living alone or with persons all of whom are unrelated to him. A secondary individual is a person in a household or group quarters such as a guest, lodger, or resident employee (excluding inmates of institutions) who is not related to the head or to any other person in the household or group quarters.

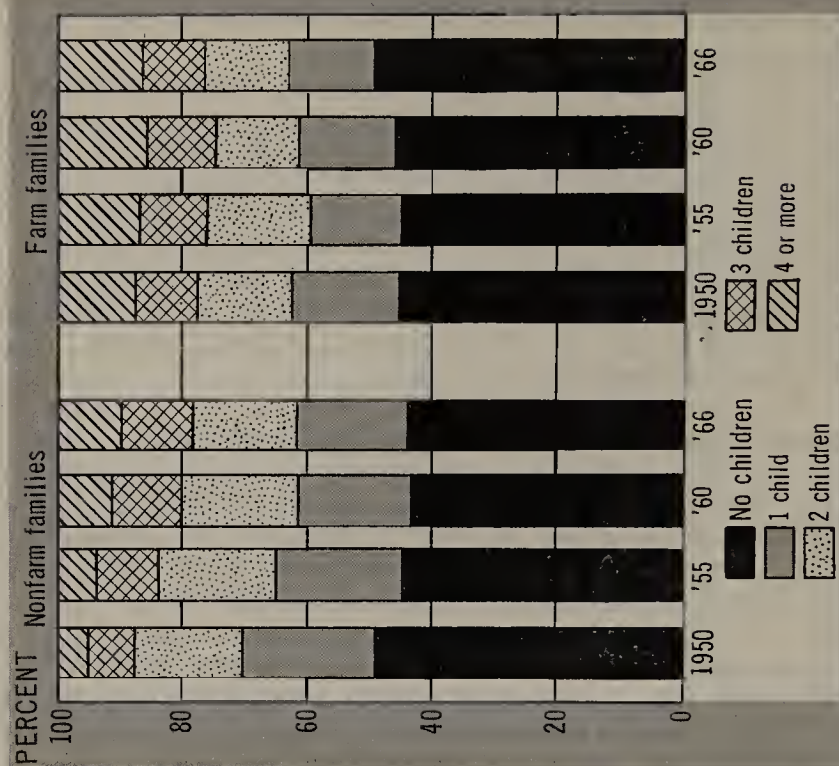
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. II. POPULATION PROJECTIONS TO 1990  
[See table 6]



Source of figs. II and III: Dept. of Commerce, Bureau of the Census.

FIG. III. FAMILIES, BY NUMBER OF CHILDREN UNDER AGE 18:  
1950 TO 1966  
[See table 38]





# Area and Population

5

## No. 1. AREA AND POPULATION: 1790 TO 1960

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Area figures have been adjusted to bring them into agreement with remeasurements made in 1940. For additional area data, see tables 5 and 250. See also *Historical Statistics, Colonial Times to 1957*, series A 17-21]

CENSUS DATE	AREA (square miles)			RESIDENT POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
CONTERMINOUS U.S. <sup>1</sup>							
1790 (Aug. 2)-----	888, 811	864, 746	24, 065	3, 929, 214	4. 5	(X)	(X)
1800 (Aug. 4)-----	883, 811	864, 746	24, 065	5, 308, 483	6. 1	1, 379, 269	35. 1
1810 (Aug. 6)-----	1, 716, 003	1, 681, 828	34, 175	7, 239, 881	4. 3	1, 931, 398	36. 4
1820 (Aug. 7)-----	1, 788, 006	1, 749, 462	38, 544	9, 638, 453	5. 5	2, 398, 572	33. 1
1830 (June 1)-----	1, 788, 006	1, 749, 462	38, 544	12, 866, 020	7. 4	3, 227, 567	33. 5
1840 (June 1)-----	1, 788, 006	1, 749, 462	38, 544	17, 069, 453	9. 8	4, 203, 433	32. 7
1850 (June 1)-----	2, 992, 747	2, 940, 042	52, 705	23, 191, 876	7. 9	6, 122, 423	35. 9
1860 (June 1)-----	3, 022, 387	2, 969, 640	52, 747	31, 443, 321	10. 6	8, 251, 445	35. 6
1870 (June 1)-----	3, 022, 387	2, 969, 640	52, 747	39, 818, 449	13. 4	8, 375, 128	26. 6
1880 (June 1)-----	3, 022, 387	2, 969, 640	52, 747	50, 155, 783	16. 9	10, 337, 334	26. 0
1890 (June 1)-----	3, 022, 387	2, 969, 640	52, 747	62, 947, 714	21. 2	12, 791, 931	25. 5
1900 (June 1)-----	3, 022, 387	2, 969, 834	52, 553	75, 994, 575	25. 6	13, 046, 861	20. 7
1910 (Apr. 15)-----	3, 022, 387	2, 969, 565	52, 822	91, 972, 266	31. 0	15, 977, 691	21. 0
1920 (Jan. 1)-----	3, 022, 387	2, 969, 451	52, 936	105, 710, 620	35. 6	13, 738, 354	14. 9
1930 (Apr. 1)-----	3, 022, 387	2, 977, 128	45, 259	122, 775, 046	41. 2	17, 064, 426	16. 1
1940 (Apr. 1)-----	3, 022, 387	2, 977, 128	45, 259	131, 669, 275	44. 2	8, 894, 229	7. 2
1950 (Apr. 1)-----	3, 022, 387	2, 974, 726	47, 661	150, 697, 361	50. 7	19, 028, 086	14. 5
1960 (Apr. 1)-----	3, 022, 387	2, 971, 494	50, 893	178, 464, 236	60. 1	27, 766, 875	18. 4
UNITED STATES							
1950 (Apr. 1)-----	3, 615, 211	3, 552, 206	63, 005	151, 325, 798	42. 6	19, 161, 229	14. 5
1960 (Apr. 1)-----	3, 615, 211	3, 548, 974	66, 237	179, 323, 175	50. 5	27, 997, 377	18. 5

X Not applicable. <sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Revised to include adjustments for underenumeration in Southern States; unrevised number is 38,558,371.

Source: Dept. of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, Sixteenth, Seventeenth, and Eighteenth Censuses, *Population*, Vol. I; and other reports and unpublished data. See also Sixteenth Census Reports, *Areas of the United States, 1940*.

## No. 2. POPULATION: 1900 TO 1967

[In thousands. Estimates as of July 1, except as indicated. Prior to 1940, excludes Alaska and Hawaii. Estimates for 1900 to 1909 are sums of State estimates based on local data indicative of population change. See p. 1 for basis of estimates for other years. See also *Historical Statistics, Colonial Times to 1957*, series A 1-3]

YEAR	Total resident population <sup>1</sup>	YEAR	Total resident population <sup>1</sup>	YEAR	Total incl. Armed Forces abroad	Total resident population <sup>1</sup>	Civilian resident population	YEAR AND MONTH	Total incl. Armed Forces abroad	Total resident population <sup>1</sup>	Civilian resident population
1900----	76, 094	1920----	106, 466	1940----	132, 594	132, 457	132, 129	1957-----	171, 984	171, 187	169, 110
1901----	77, 585	1921----	108, 541	1941----	133, 894	133, 669	132, 086	1958-----	174, 882	174, 149	172, 226
1902----	79, 160	1922----	110, 055	1942----	135, 361	134, 617	131, 444	1959-----	177, 830	177, 135	175, 277
1903----	80, 632	1923----	111, 950	1943----	137, 250	135, 107	128, 010	1960-----	180, 684	179, 992	178, 153
1904----	82, 165	1924----	114, 113	1944----	138, 916	133, 915	127, 227	1961-----	183, 756	183, 057	181, 207
1905----	83, 820	1925----	115, 832								
1906----	85, 437	1926----	117, 399	1945----	140, 468	133, 434	128, 112	1962-----	186, 656	185, 890	183, 796
1907----	87, 000	1927----	119, 038	1946----	141, 936	140, 686	138, 932	1963-----	189, 417	188, 658	186, 667
1908----	88, 709	1928----	120, 501	1947----	144, 698	144, 083	143, 138	1964-----	192, 120	191, 372	189, 372
1909----	90, 492	1929----	121, 770	1948----	147, 208	146, 730	145, 746	1965-----	194, 592	193, 815	191, 894
				1949----	149, 767	149, 304	148, 157	1966-----	196, 920	195, 936	193, 780
1910----	92, 407	1930----	123, 077								
1911----	93, 868	1931----	124, 040	1950----	152, 271	151, 868	150, 790	1967:			
1912----	95, 331	1932----	124, 840	1951----	154, 878	153, 982	151, 599	Jan. 1--	198, 110	196, 967	194, 729
1913----	97, 227	1933----	125, 579	1952----	157, 553	156, 393	153, 892	Feb. 1--	198, 279	197, 124	194, 861
1914----	99, 118	1934----	126, 374	1953----	160, 184	158, 956	156, 595	Mar. 1--	198, 433	197, 268	194, 997
1915----	100, 549	1935----	127, 250	1954----	163, 026	161, 884	159, 695	Apr. 1--	198, 608	197, 430	195, 159
1916----	101, 966	1936----	128, 053	1955----	165, 931	165, 069	162, 967	May 1--	198, 765	197, 566	195, 309
1917----	103, 266	1937----	128, 825	1956----	168, 903	168, 088	166, 055				
1918----	103, 203	1938----	129, 825								
1919----	104, 512	1939----	130, 880								

<sup>1</sup> Excludes Armed Forces abroad.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 368 and 369.



## No. 3. COMPONENTS OF CHANGE IN POPULATION: 1940 TO 1966

[In thousands, except percent. Includes Armed Forces abroad]

YEAR	NET INCREASE <sup>1</sup>		NATURAL INCREASE			Net civilian immigration	YEAR	NET INCREASE <sup>1</sup>		NATURAL INCREASE			Net civilian immigration
	Total	Percent <sup>2</sup>	Total	Births <sup>3</sup>	Deaths <sup>4</sup>			Total	Percent <sup>2</sup>	Total	Births <sup>3</sup>	Deaths <sup>4</sup>	
1940.....	1,221	0.9	1,138	2,570	1,432	77	1961.....	3,007	1.7	2,615	4,317	1,703	391
1945.....	1,462	1.1	1,324	2,873	1,549	162	1962.....	2,827	1.5	2,455	4,213	1,758	373
1950.....	2,486	1.7	2,177	3,645	1,468	299	1963.....	2,712	1.4	2,327	4,142	1,815	384
1951.....	2,688	1.8	2,344	3,845	1,501	335	1964.....	2,612	1.4	2,271	4,070	1,799	340
1952.....	2,663	1.7	2,421	3,933	1,512	242	1965.....	2,348	1.2	1,978	3,806	1,828	368
1953.....	2,717	1.7	2,457	3,989	1,531	261	1966.....	2,150	1.1	1,786	3,661	1,875	359
1954.....	2,898	1.8	2,613	4,102	1,489	287	ANNUAL AVERAGE CHANGE						
1955.....	2,925	1.8	2,591	4,128	1,537	337	1940 to						
1956.....	3,058	1.8	2,672	4,244	1,572	387	1949.....	1,908	1.4	1,716	3,182	1,466	172
1957.....	2,961	1.7	2,691	4,332	1,641	272	1950 to						
1958.....	2,915	1.7	2,623	4,279	1,655	292	1959.....	2,825	1.7	2,524	4,081	1,557	300
1959.....	2,939	1.7	2,650	4,313	1,663	292	1960 to						
1960.....	2,940	1.6	2,599	4,307	1,708	340	1966.....	2,657	1.4	2,290	4,074	1,784	365

<sup>1</sup> Includes changes due to admissions into, and discharges from, Armed Forces abroad, and "error of closure," (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately.

<sup>2</sup> Percent of population at beginning of period. <sup>3</sup> Adjusted for underregistration.

<sup>4</sup> Prior to Apr. 1, 1960, adjusted for underregistration of infant deaths; includes estimates of deaths in Armed Forces abroad.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 331, and unpublished data.

## No. 4. COMPONENTS OF CHANGE IN POPULATION BETWEEN 1960 AND 1965—STATES AND PUERTO RICO

[In thousands, except percent. Covers period April 1, 1960, to July 1, 1965. Total resident population. For explanation of methodology, see source. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series C 25-73]

STATE OR OTHER AREA	NET INCREASE		Births	Deaths	Net total migration <sup>2</sup>	STATE OR OTHER AREA	NET INCREASE		Births	Deaths	Net total migration <sup>2</sup>
	Number	Percent <sup>1</sup>					Number	Percent <sup>1</sup>			
U.S.....	14,472	8.1	21,862	9,236	1,846	S.A.—Con.					
N.E.....	637	6.1	1,220	591	7	W. Va.....	—45	—2.4	196	98	—143
Maine.....	16	1.7	118	57	—44	N.C.....	378	8.3	579	206	6
N.H.....	67	11.0	73	36	30	S.C.....	168	7.0	322	109	—45
Vt.....	14	3.7	48	23	—10	Ga.....	448	11.4	538	190	100
Mass.....	213	4.1	590	295	—82	Fla.....	845	17.1	606	279	518
R.I.....	32	3.7	95	48	—15	E.S.C.....	768	6.4	1,512	617	—126
Conn.....	295	11.6	296	130	129	Ky.....	135	4.5	368	160	—73
M.A.....	2,303	6.7	3,763	1,931	471	Tenn.....	283	7.9	425	179	37
N.Y.....	1,324	7.9	1,870	957	410	Ala.....	220	6.7	414	162	—32
N.J.....	715	11.8	697	328	346	Miss.....	131	6.0	305	117	—58
Pa.....	264	2.3	1,196	647	—285	W.S.C.....	1,589	9.4	2,238	801	152
E.N.C.....	2,006	5.5	4,378	1,864	—508	Ark.....	155	8.7	228	98	24
Ohio.....	535	5.5	1,143	499	—110	La.....	303	9.3	464	159	—1
Ind.....	230	4.9	570	243	—96	Okla.....	120	5.1	263	124	—19
Ill.....	560	5.6	1,207	550	—96	Tex.....	1,011	10.6	1,283	420	149
Mich.....	494	6.3	967	369	—105	Mt.....	838	12.2	974	304	168
Wis.....	188	4.8	491	202	—101	Mont.....	28	4.2	86	34	—23
W.N.C.....	463	3.0	1,817	826	—527	Idaho.....	26	3.9	83	30	—27
Minn.....	148	4.3	430	168	—114	Wyo.....	(Z)	(Z)	42	15	—27
Iowa.....	1	(Z)	313	151	—161	Colo.....	195	11.1	225	83	53
Mo.....	172	4.0	487	256	—58	N. Mex.....	63	6.7	155	35	—57
N. Dak.....	20	3.1	82	28	—33	Ariz.....	273	20.9	202	59	130
S. Dak.....	6	0.9	88	34	—48	Utah.....	104	11.6	134	33	2
Nebr.....	48	3.4	172	75	—49	Nev.....	149	52.1	47	15	116
Kans.....	70	3.2	246	113	—63	Pac.....	3,092	14.6	2,640	1,013	1,466
S.A.....	2,776	10.7	3,322	1,289	743	Wash.....	119	4.2	325	142	—63
Del.....	57	12.7	60	22	19	Oreg.....	170	9.6	191	92	71
Md.....	434	14.0	407	151	178	Calif.....	2,685	17.1	1,991	753	1,447
D.C.....	38	5.0	105	47	—20	Alaska.....	40	17.9	41	7	6
Va.....	453	11.4	508	187	131	Hawaii.....	77	12.2	92	19	4
						Puerto Rico	283	12.0	409	90	—36

Z Less than 500 or 0.05 percent. <sup>1</sup> Base is 1960 total population.

<sup>2</sup> Comprises both net immigration from abroad and net interdivisional or interstate migration according to the area shown. Includes movements of persons in the Armed Forces.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 348 and 358.

## No. 5. POPULATION AND AREA—UNITED STATES AND OUTLYING AREAS: 1940 TO 1960

[For area figures of individual States, see table 252. See also *Historical Statistics, Colonial Times to 1957*, series A 4-16 and J 2]

AREA	POPULATION			Gross area (land and water), 1960
	1940	1950	1960	
<b>Total</b> .....	<sup>1</sup> 150,622,754	154,233,234	183,285,009	<i>Sq. mi.</i> 3,628,150
United States.....	132,164,569	151,325,798	179,323,175	3,615,211
Conterminous United States.....	131,669,275	150,697,361	178,464,236	3,022,387
Alaska.....	<sup>2</sup> 72,524	128,643	226,167	586,400
Hawaii.....	422,770	499,794	632,772	6,424
Commonwealth of Puerto Rico <sup>3</sup> .....	1,869,255	2,210,703	2,349,544	3,435
Possessions:				
Guam.....	22,290	59,498	67,044	212
Virgin Islands of the U.S.....	24,889	26,665	32,099	133
American Samoa.....	12,908	18,937	20,051	76
Midway Islands.....	437	416	2,356	2
Wake Island.....	( <sup>4</sup> )	349	1,097	3
Canton Island and Enderbury Island.....	44	<sup>5</sup> 272	<sup>5</sup> 320	27
Johnston Island and Sand Island.....	<sup>6</sup> 69	<sup>6</sup> 46	<sup>6</sup> 156	(Z)
Swan Islands.....	( <sup>4</sup> )	<sup>7</sup> 36	<sup>7</sup> 28	1
Other <sup>8</sup> .....	<sup>9</sup> 10	( <sup>10</sup> )	( <sup>10</sup> )	11 9
Other outlying areas:				
Canal Zone <sup>12</sup> .....	51,827	52,822	42,122	553
Corn Islands <sup>13</sup> .....	<sup>14</sup> 1,523	<sup>14</sup> 1,304	<sup>14</sup> 1,872	4
Trust Territory of the Pacific Islands <sup>15</sup> .....	( <sup>16</sup> )	<sup>17</sup> 54,843	<sup>18</sup> 70,724	<sup>19</sup> 8,484
Population abroad <sup>20</sup> .....	<sup>21</sup> 118,933	<sup>22</sup> 481,545	1,374,421	(X)
Members of the Armed Forces.....	118,933	301,595	610,174	(X)
Civilian citizens employed by the U.S. Government.....		26,910	35,325	(X)
Families of Armed Forces personnel or of civilian citizen employees.....	(NA)	107,350	505,752	(X)
Crews of merchant vessels.....	(NA)	45,690	32,464	(X)
Other citizens.....	(NA)	(NA)	<sup>23</sup> 190,706	(X)

NA Not available. X Not applicable. Z Less than 0.5 square mile.

<sup>1</sup> Includes estimated population of the Philippines (16,356,000), not shown separately.

<sup>2</sup> Census taken as of Oct. 1, 1939.

<sup>3</sup> Puerto Rico was ceded to the United States by Spain in 1898. On July 25, 1952, pursuant to acts of Congress, it achieved the political status of the Commonwealth of Puerto Rico.

<sup>4</sup> Not enumerated.

<sup>5</sup> Enderbury Island uninhabited at time of enumeration.

<sup>6</sup> Sand Island uninhabited at time of enumeration.

<sup>7</sup> Little Swan Island uninhabited at time of enumeration.

<sup>8</sup> Includes Caroline, Christmas, Danger (Pukapuka), Flint, Funafuti, Kingman Reef, Malden, Manahiki, Navassa, Nukufetau, Nukulailai, Nurakita, Palmyra, Penrhyn, Rakahanga, Starbuck, Vostok, Phoenix Group (except Canton and Enderbury), and Union (Tokelau) Group, not enumerated in decennial censuses; and Baker, Howland, and Jarvis Islands not inhabited in 1950 and 1960. Quita Sueño Bank, Roncador Cay, and Serrana Bank, claimed by both the United States and Colombia, not enumerated.

<sup>9</sup> Population of Baker, Howland, and Jarvis Islands. Other islands not enumerated or uninhabited at time of enumeration.

<sup>10</sup> Not enumerated or uninhabited at time of enumeration.

<sup>11</sup> Area is for Navassa (2 square miles), Baker, Howland, and Jarvis (combined area 3 square miles), and Palmyra (4 square miles). Excludes Kingman Reef, Quita Sueño Bank, Roncador Cay, and Serrana Bank (each less than 0.5 square mile); area of other islands listed in footnote 8 not available.

<sup>12</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>13</sup> Leased (1914) from the Republic of Nicaragua for 99 years.

<sup>14</sup> Figures from Government of Nicaragua. Little Corn Island uninhabited at time of enumeration.

<sup>15</sup> Under the United Nations Trusteeship System with the United States as administering authority since July 18, 1947.

<sup>16</sup> Population 1940, 131,258 (Census of Japan).

<sup>17</sup> Estimated civilian population as of June 30, 1950; see *Current Population Reports*, Series P-25, No. 238, for derivation of estimates.

<sup>18</sup> Census of 1953 conducted by the Office of the High Commissioner. Civilian population; see *Census Report, 1953: Trust Territory of the Pacific Islands*, Office of the High Commissioner, Agana, Guam, June 1959.

<sup>19</sup> See references in footnotes 17 and 18, above. Comprised of 687 square miles of land area and 7,797 square miles of water area.

<sup>20</sup> Excludes United States citizens temporarily abroad on private business, travel, etc. Such persons were enumerated at their usual place of residence in the United States as absent members of households.

<sup>21</sup> Excludes dependents of Federal employees and crews of merchant vessels.

<sup>22</sup> Based on 20-percent sample of reports received.

<sup>23</sup> Represents U.S. citizens abroad for extended periods of time. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

No. 6. CURRENT AND PROJECTED POPULATION, BY AGE AND SEX: 1960 TO 1990

[In thousands. Estimates as of July 1. Includes Armed Forces abroad. See p. 1 for basis of estimates and projections. The underlying projections of fertility were computed by the "cohort" method and imply that completed fertility of all women (i.e., the average number of children per 1,000 women at end of childbearing) moves gradually toward the following levels: Series A, 3,350; Series B, 3,100; Series C, 2,775; and Series D, 2,450. Series A results do not differ substantially from those obtained by assuming that the average annual level of fertility in the 1962-66 period will persist throughout the projection period]

YEAR, SERIES, AND SEX	Total, all ages	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 and over	14 and over	18 and over	21 and over
TOTAL														
1960-----	180,684	20,364	18,825	16,910	13,467	11,116	22,911	24,223	20,581	15,628	16,659	127,335	116,123	108,836
1966-----	196,842	19,851	20,806	19,402	17,895	14,047	22,567	24,225	22,331	17,261	18,457	140,466	126,167	116,100
1970--A-----	208,615	21,317	{		19,100	17,261	25,315	22,961	23,326	18,490	19,585	150,075	134,267	123,413
B-----	207,326	20,027	20,591	20,668	19,100	17,261	25,315	22,961	23,326	18,490	19,585	150,075	134,267	123,413
C-----	206,039	18,740	20,591	20,668	19,100	17,261	25,315	22,961	23,326	18,490	19,585	150,075	134,267	123,413
D-----	204,923	17,625	20,591	20,668	19,100	17,261	25,315	22,961	23,326	18,490	19,585	150,075	134,267	123,413
1975--A-----	227,929	27,210	21,468	{		19,299	31,423	22,458	23,532	19,831	21,159	162,836	145,940	133,657
B-----	223,785	24,350	20,184	20,741	20,807	19,299	31,423	22,458	23,532	19,831	21,159	162,836	145,940	133,657
C-----	219,366	21,211	18,903	20,741	20,807	19,299	31,423	22,458	23,532	19,831	21,159	162,836	145,940	133,657
D-----	215,367	18,323	17,793	20,741	20,807	19,299	31,423	22,458	23,532	19,831	21,159	162,836	145,940	133,657
1980--A-----	250,489	31,040	27,341	21,616	{		36,998	25,376	22,147	21,032	23,063	174,234	158,229	145,388
B-----	243,291	27,972	24,492	20,334	20,879	20,997	36,998	25,376	22,147	21,032	23,063	174,234	158,229	145,388
C-----	235,212	24,298	21,366	19,056	20,879	20,997	36,998	25,376	22,147	21,032	23,063	174,234	158,229	145,388
D-----	227,665	20,736	18,489	17,948	20,879	20,997	36,998	25,376	22,147	21,032	23,063	174,234	158,229	145,388
1985--A-----	274,748	33,288	31,160	27,478	21,753	{		31,384	21,705	21,236	24,978	187,963	168,956	157,096
B-----	264,607	30,325	28,103	24,635	20,475	21,068	40,699	31,384	21,705	21,236	24,978	186,166	168,759	
C-----	252,871	26,645	24,443	21,514	19,200	21,068	40,699	31,384	21,705	21,236	24,978	184,351	168,576	
D-----	241,731	23,030	20,894	18,643	18,095	21,068	40,699	31,384	21,705	21,236	24,978	182,768	168,424	
1990--A-----	300,131	35,015	33,403	31,290	27,596	21,939	{		24,542	20,027	27,005	206,427	183,346	167,916
B-----	286,501	31,493	30,451	28,239	24,762	20,668	42,449	36,863	24,542	20,027	27,005	201,710	181,010	167,084
C-----	270,770	27,462	26,784	24,586	21,651	19,400	42,449	36,863	24,542	20,027	27,005	196,619	178,616	166,267
D-----	255,967	23,765	23,182	21,044	18,788	18,300	42,449	36,863	24,542	20,027	27,005	191,977	176,509	165,566
MALE														
1960-----	89,332	10,352	9,572	8,595	6,815	5,560	11,324	11,873	10,143	7,561	7,537	62,208	56,529	52,853
1966-----	96,900	10,135	10,580	9,861	9,088	7,064	11,199	11,865	10,855	8,248	8,004	68,198	60,930	55,829
1970--A-----	102,541	10,887	{		9,694	8,711	12,609	11,290	11,263	8,746	8,335	72,699	64,672	59,167
B-----	101,882	10,228	10,571	10,500	9,694	8,711	12,609	11,290	11,263	8,746	8,335	72,699	64,672	59,167
C-----	101,225	9,571	10,571	10,500	9,694	8,711	12,609	11,290	11,263	8,746	8,335	72,699	64,672	59,167
D-----	100,656	9,002	10,571	10,500	9,694	8,711	12,609	11,290	11,263	8,746	8,335	72,699	64,672	59,167



# Population Projections

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1975—A	111,994	13,898	10,958	10,580	10,555	9,741	15,729	11,082	11,348	9,268	8,836	78,764	70,179	63,953
B	109,879	12,437	10,303	10,376	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
C	107,622	10,835	9,649	9,724	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
D	105,581	9,360	9,083	9,159	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
1980—A	123,185	15,857	13,958	11,030	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
B	119,510	14,290	12,504	10,376	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
C	115,386	12,413	10,908	9,724	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
D	111,533	10,594	9,440	9,159	10,634	10,596	18,557	12,575	10,726	9,745	9,507	84,249	76,089	69,567
1985—A	135,305	17,008	15,910	14,024	11,084	10,674	20,418	15,630	10,554	9,828	10,175	90,986	81,294	75,260
B	130,129	15,494	14,350	12,573	10,433	10,674	20,418	15,630	10,554	9,828	10,175	90,986	81,294	75,260
C	124,137	13,614	12,481	10,980	9,783	10,674	20,418	15,630	10,554	9,828	10,175	90,986	81,294	75,260
D	118,450	11,768	10,669	9,515	9,220	10,674	20,418	15,630	10,554	9,828	10,175	90,986	81,294	75,260
1990—A	148,056	17,893	17,059	15,972	14,065	11,122	21,337	18,399	11,994	9,312	10,904	100,195	88,423	80,570
B	141,100	16,094	15,551	14,415	12,620	10,475	21,337	18,399	11,994	9,312	10,904	100,195	88,423	80,570
C	133,073	14,034	13,679	12,550	11,034	9,830	21,337	18,399	11,994	9,312	10,904	100,195	88,423	80,570
D	125,518	12,146	11,840	10,742	9,575	9,271	21,337	18,399	11,994	9,312	10,904	100,195	88,423	80,570
1960	91,352	10,013	9,254	8,314	6,652	5,556	11,587	12,350	10,438	8,066	9,121	65,127	59,594	55,983
1966	99,942	9,715	10,226	9,542	8,807	6,983	11,368	12,360	11,476	9,013	10,453	72,268	65,237	60,271
1970—A	106,075	10,430	10,085	10,169	9,407	8,551	12,706	11,672	12,063	9,744	11,249	77,376	69,595	64,246
B	105,444	9,799	10,085	10,169	9,407	8,551	12,706	11,672	12,063	9,744	11,249	77,376	69,595	64,246
C	104,814	9,169	10,085	10,169	9,407	8,551	12,706	11,672	12,063	9,744	11,249	77,376	69,595	64,246
D	104,268	8,623	10,085	10,169	9,407	8,551	12,706	11,672	12,063	9,744	11,249	77,376	69,595	64,246
1975—A	115,935	13,312	10,510	10,586	10,252	9,558	15,694	11,376	12,185	10,563	12,323	84,072	75,761	69,703
B	113,907	11,912	9,881	9,988	10,252	9,558	15,694	11,376	12,185	10,563	12,323	84,072	75,761	69,703
C	111,743	10,376	9,254	9,332	10,252	9,558	15,694	11,376	12,185	10,563	12,323	84,072	75,761	69,703
D	109,787	8,963	8,710	8,789	10,252	9,558	15,694	11,376	12,185	10,563	12,323	84,072	75,761	69,703
1980—A	127,304	15,183	13,383	10,586	10,245	10,401	18,440	12,801	11,422	11,287	13,556	89,985	82,139	75,821
B	123,781	13,682	11,988	9,988	10,245	10,401	18,440	12,801	11,422	11,287	13,556	89,985	82,139	75,821
C	119,826	11,885	10,458	9,332	10,245	10,401	18,440	12,801	11,422	11,287	13,556	89,985	82,139	75,821
D	116,133	10,142	9,049	8,789	10,245	10,401	18,440	12,801	11,422	11,287	13,556	89,985	82,139	75,821
1985—A	139,443	16,280	15,249	13,454	10,669	10,394	20,281	15,754	11,151	11,408	14,802	96,977	87,663	81,836
B	134,479	14,831	13,753	12,062	10,042	10,394	20,281	15,754	11,151	11,408	14,802	96,977	87,663	81,836
C	128,734	13,031	11,962	10,534	9,417	10,394	20,281	15,754	11,151	11,408	14,802	96,977	87,663	81,836
D	123,280	11,262	10,225	9,128	8,876	10,394	20,281	15,754	11,151	11,408	14,802	96,977	87,663	81,836
1990—A	152,075	17,122	16,344	15,318	13,532	10,817	21,112	18,465	12,548	10,716	16,102	106,231	94,923	87,346
B	145,400	15,399	14,899	13,824	12,142	10,193	21,112	18,465	12,548	10,716	16,102	106,231	94,923	87,346
C	137,697	13,428	13,105	12,035	10,617	9,570	21,112	18,465	12,548	10,716	16,102	106,231	94,923	87,346
D	130,449	11,620	11,342	10,301	9,214	9,030	21,112	18,465	12,548	10,716	16,102	106,231	94,923	87,346

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 321, 352, and 359.

No. 7. CURRENT AND PROJECTED POPULATION FOR TOTAL AND NONWHITE POPULATION: 1960 TO 2000

[In thousands. Estimates as of July 1. Includes Armed Forces abroad. See p. 1 for basis of estimates and projections. For brief statement of assumptions, see headnote, table 6]

YEAR	Total	Non-white	Total	Non-white	Total	Non-white	Total	Non-white
ESTIMATES								
1960.....	180,684	20,651	180,684	20,651	180,684	20,651	180,684	20,651
1966.....	196,842	23,589	196,842	23,589	196,842	23,589	196,842	23,589
PROJECTIONS								
	SERIES A		SERIES B		SERIES C		SERIES D	
1970.....	208,615	25,800	207,326	25,573	206,039	25,339	204,923	25,129
1975.....	227,929	29,476	223,785	28,719	219,366	27,898	215,367	27,156
1980.....	250,489	33,901	243,291	32,520	235,212	30,967	227,665	29,548
1985.....	274,748	38,907	264,607	36,832	252,871	34,461	241,731	32,304
1990.....	300,131	44,521	286,501	41,516	270,770	38,142	255,967	35,162
1995.....	328,536	51,102	309,830	46,725	288,763	41,970	269,485	37,957
2000.....	361,424	58,878	335,977	52,655	307,803	46,057	282,642	40,702

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 321, 352, and 359.

No. 8. POPULATION, BY AGE, SEX, AND COLOR: 1966

[In thousands. Estimates as of July 1. The median is the value which divides the distribution into two equal parts—one-half of the cases falling below this value and one-half exceeding this value. See p. 1 for basis of estimates]

AGE	ALL CLASSES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages.....	195,857	95,920	99,937	172,364	84,547	87,816	23,493	11,372	12,121
Under 5 years.....	19,851	10,135	9,715	16,629	8,512	8,117	3,222	1,624	1,598
5 to 9 years.....	20,806	10,580	10,226	17,738	9,047	8,691	3,068	1,533	1,535
10 to 14 years.....	19,402	9,861	9,542	16,689	8,505	8,184	2,713	1,356	1,358
15 to 19 years.....	17,756	8,950	8,806	15,459	7,807	7,652	2,297	1,143	1,154
20 to 24 years.....	13,606	6,625	6,981	11,951	5,830	6,121	1,656	796	860
25 to 29 years.....	11,472	5,632	5,840	10,095	4,985	5,110	1,377	647	730
30 to 34 years.....	10,852	5,326	5,527	9,553	4,723	4,829	1,299	602	697
35 to 44 years.....	24,097	11,738	12,359	21,441	10,513	10,928	2,655	1,225	1,430
45 to 54 years.....	22,298	10,822	11,476	20,096	9,783	10,313	2,202	1,039	1,163
55 to 64 years.....	17,260	8,247	9,013	15,690	7,490	8,200	1,570	757	813
65 to 69 years.....	6,378	2,901	3,476	5,882	2,668	3,214	496	233	263
70 to 74 years.....	5,190	2,261	2,929	4,791	2,083	2,708	399	178	221
75 to 79 years.....	3,688	1,564	2,124	3,416	1,443	1,974	272	122	150
80 to 84 years.....	2,076	847	1,230	1,915	774	1,141	162	73	89
85 years and over.....	1,124	430	694	1,018	385	634	106	46	60
Under 1 year.....	3,666	1,872	1,793	3,054	1,564	1,490	612	309	303
1 to 4 years.....	16,185	8,263	7,922	13,575	6,948	6,627	2,610	1,315	1,295
5 to 13 years.....	36,525	18,567	17,958	31,241	15,926	15,314	5,284	2,640	2,644
14 to 17 years.....	14,289	7,258	7,032	12,351	6,289	6,062	1,938	969	969
18 to 21 years.....	12,549	6,191	6,358	11,008	5,439	5,569	1,540	751	789
14 years and over.....	139,481	67,217	72,264	124,494	60,109	64,385	14,987	7,108	7,879
18 years and over.....	125,192	59,960	65,232	112,143	53,820	58,322	13,050	6,139	6,910
21 years and over.....	115,347	55,080	60,268	103,496	49,528	53,968	11,852	5,552	6,299
65 years and over.....	18,457	8,004	10,453	17,022	7,352	9,670	1,434	652	783
Median age....years..	27.8	26.6	29.0	28.8	27.6	30.0	21.3	20.2	22.4

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 352.

## No. 9. CENTER OF POPULATION: 1790 TO 1960

["Center of population" is that point which may be considered as center of population gravity of the United States or that point upon which the United States would balance if it were a rigid plane without weight and the population distributed thereon with each individual being assumed to have equal weight and to exert an influence on a central point proportional to his distance from that point]

YEAR	North latitude	West longitude	Approximate location
CONTERMINOUS U.S. <sup>1</sup>	° ' "	° ' "	
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D.C. (in Virginia).
1820.....	39 5 42	78 33 0	16 miles east of Moorefield, W.Va. <sup>2</sup>
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W.Va. <sup>2</sup>
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W.Va. <sup>2</sup>
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W.Va. <sup>2</sup>
1860.....	39 0 24	82 48 48	20 miles south by east of Chillicothe, Ohio.
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.
1880.....	39 4 8	84 39 40	8 miles west by south of Cincinnati, Ohio (in Kentucky).
1890.....	39 11 56	85 32 53	20 miles east of Columbus, Ind.
1900.....	39 9 36	85 48 54	6 miles southeast of Columbus, Ind.
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.
1920.....	39 10 21	86 43 15	8 miles south-southeast of Spencer, Owen County, Ind.
1930.....	39 3 45	87 8 6	3 miles northeast of Linton, Greene County, Ind.
1940.....	38 56 54	87 22 35	2 miles southeast by east of Carlisle, Haddon township, Sullivan County, Ind.
1950.....	38 50 21	88 9 33	8 miles north-northwest of Olney, Richland County, Ill.
1960.....	38 37 57	88 52 23	4 miles east of Salem, Marion County, Ill.
UNITED STATES			
1950.....	38 48 15	88 22 8	About 3 miles northeast of Louisville, Clay County, Ill.
1960.....	38 35 58	89 12 35	6½ miles northwest of Centralia, Ill., and approximately 50 miles east of East St. Louis, Ill.

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> West Virginia was set off from Virginia Dec. 31, 1862, and admitted as a State June 19, 1863.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

FIG. IV. CENTER OF POPULATION FOR CONTERMINOUS U.S.: 1790 TO 1960

[See table 9]



Source: Dept. of Commerce, Bureau of the Census.



## No. 10. POPULATION—STATES AND PUERTO RICO: 1958 TO 1966

[Population in thousands. Estimates as of July 1. Includes Armed Forces stationed in area. See p. 1 for basis of estimates. For explanation of methodology, see source. For enumerated population, 1910 to 1960, see table 12. Minus sign (—) denotes decrease]

STATE OR OTHER AREA	1958	1959	1960	1961	1962	1963	1964	1965	1966 <sup>1</sup>		AVERAGE ANNUAL INCREASE, PERCENT	
									Total	Rank	1950 to 1960	1960 to 1966
U.S.-----	174, 149	177, 135	179, 992	183, 057	185, 890	188, 658	191, 372	193, 795	195, 857	(X)	1.7	1.4
N.E.-----	10, 218	10, 436	10, 527	10, 630	10, 725	10, 872	10, 997	11, 146	11, 224	(X)	1.2	1.1
Maine-----	944	957	974	992	990	985	984	986	983	38	0.6	0.2
N.H.-----	581	596	609	617	630	646	659	673	681	44	1.3	1.8
Vt.-----	380	387	389	390	393	397	399	404	405	48	0.3	0.6
Mass-----	5, 010	5, 117	5, 154	5, 187	5, 201	5, 252	5, 287	5, 361	5, 383	10	0.9	0.7
R.I.-----	858	857	858	862	872	877	884	891	898	39	0.8	0.7
Conn-----	2, 446	2, 523	2, 543	2, 581	2, 640	2, 716	2, 784	2, 830	2, 875	24	2.3	2.0
M.A.-----	33, 548	33, 935	34, 287	34, 804	35, 185	35, 642	36, 078	36, 471	36, 738	(X)	1.2	1.2
N.Y.-----	16, 601	16, 685	16, 855	17, 148	17, 464	17, 691	17, 894	18, 106	18, 258	2	1.2	1.3
N.J.-----	5, 890	6, 015	6, 104	6, 269	6, 385	6, 542	6, 680	6, 781	6, 898	8	2.3	2.1
Pa.-----	11, 058	11, 234	11, 328	11, 387	11, 336	11, 408	11, 505	11, 583	11, 582	3	0.8	0.4
E.N.C.-----	35, 578	35, 929	36, 286	36, 585	36, 874	37, 265	37, 756	38, 231	38, 480	(X)	1.8	1.0
Ohio-----	9, 599	9, 671	9, 737	9, 871	9, 952	10, 020	10, 124	10, 241	10, 305	6	2.0	1.0
Ind.-----	4, 583	4, 613	4, 673	4, 724	4, 725	4, 780	4, 832	4, 893	4, 918	12	1.7	0.9
Ill.-----	9, 886	9, 986	10, 084	10, 115	10, 260	10, 369	10, 538	10, 641	10, 722	5	1.5	1.0
Mich-----	7, 667	7, 767	7, 833	7, 885	7, 923	8, 036	8, 161	8, 317	8, 374	7	2.1	1.1
Wis.-----	3, 843	3, 891	3, 959	3, 989	4, 014	4, 059	4, 100	4, 140	4, 161	16	1.4	0.8
W.N.C.-----	14, 994	15, 195	15, 419	15, 576	15, 663	15, 758	15, 822	15, 858	15, 869	(X)	0.9	0.5
Minn-----	3, 313	3, 366	3, 422	3, 458	3, 493	3, 507	3, 529	3, 562	3, 576	20	1.4	0.7
Iowa-----	2, 708	2, 729	2, 757	2, 759	2, 759	2, 758	2, 763	2, 758	2, 747	25	0.5	-0.1
Mo.-----	4, 186	4, 258	4, 326	4, 348	4, 358	4, 412	4, 471	4, 492	4, 508	13	0.9	0.7
N. Dak-----	606	618	634	641	636	645	650	652	650	45	0.2	0.4
S. Dak-----	656	667	683	692	703	707	700	686	682	43	0.4	(Z)
Nebr-----	1, 383	1, 397	1, 417	1, 442	1, 458	1, 468	1, 471	1, 459	1, 456	35	0.6	0.5
Kans-----	2, 142	2, 160	2, 180	2, 236	2, 256	2, 261	2, 237	2, 248	2, 250	29	1.3	0.5
S.A.-----	25, 043	25, 556	26, 095	26, 675	27, 188	27, 748	28, 272	28, 748	29, 220	(X)	2.0	1.9
Del.-----	433	441	449	460	466	480	494	503	512	46	3.4	2.2
Md.-----	2, 982	3, 066	3, 111	3, 168	3, 245	3, 351	3, 442	3, 534	3, 613	18	2.8	2.4
D.C.-----	757	761	766	775	780	792	795	802	808	(X)	-0.5	0.9
Va.-----	3, 914	3, 951	3, 987	4, 098	4, 187	4, 288	4, 371	4, 420	4, 507	14	1.8	2.0
W. Va.-----	1, 845	1, 855	1, 856	1, 837	1, 823	1, 815	1, 823	1, 815	1, 794	33	-0.7	-0.6
N.C.-----	4, 376	4, 458	4, 576	4, 680	4, 736	4, 786	4, 861	4, 935	5, 000	11	1.2	1.5
S.C.-----	2, 304	2, 348	2, 395	2, 424	2, 450	2, 498	2, 528	2, 550	2, 586	26	1.2	1.3
Ga.-----	3, 804	3, 868	3, 958	4, 027	4, 108	4, 206	4, 304	4, 391	4, 459	15	1.4	2.0
Fla.-----	4, 630	4, 808	4, 997	5, 205	5, 392	5, 532	5, 654	5, 796	5, 941	9	5.8	2.9
E.S.C.-----	11, 681	11, 863	12, 083	12, 250	12, 405	12, 538	12, 702	12, 819	12, 910	(X)	0.5	1.1
Ky.-----	2, 961	2, 999	3, 045	3, 071	3, 099	3, 124	3, 163	3, 173	3, 183	22	0.3	0.7
Tenn-----	3, 471	3, 522	3, 577	3, 630	3, 690	3, 742	3, 805	3, 850	3, 883	17	0.8	1.4
Ala.-----	3, 163	3, 204	3, 276	3, 326	3, 342	3, 383	3, 431	3, 486	3, 517	21	0.6	1.2
Miss-----	2, 086	2, 138	2, 185	2, 224	2, 276	2, 291	2, 304	2, 309	2, 327	28	(Z)	1.1
W.S.C.-----	16, 399	16, 658	17, 023	17, 357	17, 805	18, 024	18, 295	18, 540	18, 768	(X)	1.5	1.6
Ark.-----	1, 726	1, 756	1, 792	1, 817	1, 875	1, 907	1, 939	1, 941	1, 955	31	-0.7	1.4
La.-----	3, 155	3, 208	3, 263	3, 300	3, 371	3, 410	3, 493	3, 560	3, 603	19	1.9	1.6
Okla.-----	2, 267	2, 289	2, 337	2, 383	2, 435	2, 450	2, 461	2, 448	2, 458	27	0.4	0.9
Tex.-----	9, 252	9, 405	9, 631	9, 856	10, 124	10, 257	10, 401	10, 591	10, 752	4	2.2	1.8
Mt.-----	6, 487	6, 684	6, 913	7, 164	7, 355	7, 508	7, 622	7, 693	7, 804	(X)	3.0	2.1
Mont.-----	666	669	679	695	696	701	703	703	702	41	1.3	0.6
Idaho-----	646	657	671	686	695	689	687	693	694	42	1.2	0.6
Wyo.-----	315	320	331	336	332	335	338	330	329	49	1.3	(Z)
Colo.-----	1, 667	1, 710	1, 768	1, 835	1, 883	1, 913	1, 941	1, 949	1, 977	30	2.8	1.9
N. Mex.-----	886	919	953	959	978	990	1, 008	1, 014	1, 022	36	3.3	1.2
Ariz.-----	1, 193	1, 261	1, 321	1, 405	1, 466	1, 517	1, 549	1, 575	1, 618	34	5.5	3.5
Utah.-----	845	870	900	936	958	973	977	994	1, 008	37	2.6	2.0
Nev.-----	269	279	291	312	347	391	418	434	454	47	5.8	7.4
Pac.-----	20, 200	20, 880	21, 359	22, 015	22, 689	23, 301	23, 829	24, 290	24, 843	(X)	3.4	2.5
Wash.-----	2, 773	2, 821	2, 856	2, 884	2, 944	2, 961	2, 971	2, 973	2, 980	23	1.8	0.7
Oreg.-----	1, 718	1, 746	1, 772	1, 788	1, 817	1, 852	1, 886	1, 938	1, 955	32	1.5	1.6
Calif.-----	14, 880	15, 467	15, 862	16, 451	16, 990	17, 556	18, 003	18, 403	18, 918	1	4.0	3.0
Alaska.-----	224	224	228	235	243	251	256	267	272	50	5.6	2.9
Hawaii.-----	605	622	641	658	695	685	712	710	718	40	2.4	2.0
P.R.-----	2, 299	2, 322	2, 362	2, 409	2, 459	2, 520	2, 578	2, 633	2, 668	(X)	0.6	2.0

X Not applicable. Z Less than 0.05 percent. <sup>1</sup> Provisional.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 304, 336, and 348.



# Population Projections

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## No. 11. POPULATION PROJECTIONS—STATES: 1975 AND 1985

[In thousands. As of July 1. Roman numerals I and II indicate interstate migration assumptions based on gross migration patterns of the 1955-60 period. Under Series I, those patterns continue throughout the projection period. Series II allows for convergence of the gross migration rates during the projection period. Letters B and D represent national population projections series from table 6. See source for detailed explanation]

STATE	SERIES I				SERIES II			
	B		D		B		D	
	1975	1985	1975	1985	1975	1985	1975	1985
United States.....	222,805	263,627	214,387	240,750	222,805	263,627	214,387	240,750
New England.....	12,471	14,469	12,027	13,280	12,491	14,524	12,048	13,334
Maine.....	1,031	1,149	993	1,052	1,044	1,180	1,005	1,081
New Hampshire.....	800	950	771	870	795	940	765	861
Vermont.....	441	507	425	465	444	513	428	470
Massachusetts.....	5,842	6,701	5,637	6,157	5,871	6,769	5,665	6,220
Rhode Island.....	959	1,053	926	968	965	1,077	931	990
Connecticut.....	3,397	4,109	3,276	3,768	3,374	4,046	3,254	3,713
Middle Atlantic.....	40,748	46,526	39,335	42,757	40,805	46,858	39,394	43,073
New York.....	20,451	23,288	19,740	21,415	20,487	23,586	19,776	21,690
New Jersey.....	8,156	9,877	7,864	9,052	8,093	9,697	7,805	8,893
Pennsylvania.....	12,141	13,361	11,731	12,290	12,226	13,575	11,813	12,489
East North Central.....	42,534	49,713	40,927	45,385	42,692	50,031	41,081	45,684
Ohio.....	11,460	13,529	11,033	12,363	11,486	13,534	11,058	12,370
Indiana.....	5,417	6,310	5,212	5,766	5,435	6,339	5,230	5,793
Illinois.....	11,840	13,878	11,396	12,666	11,880	13,944	11,435	12,733
Michigan.....	9,258	10,667	8,903	9,727	9,313	10,852	8,956	9,897
Wisconsin.....	4,558	5,329	4,384	4,862	4,578	5,362	4,403	4,892
West North Central.....	16,896	18,991	16,265	17,354	17,018	19,326	16,381	17,656
Minnesota.....	3,905	4,580	3,753	4,177	3,926	4,615	3,774	4,207
Iowa.....	2,807	3,078	2,706	2,822	2,839	3,153	2,736	2,889
Missouri.....	4,870	5,515	4,692	5,042	4,885	5,558	4,706	5,081
North Dakota.....	677	736	650	670	688	770	661	701
South Dakota.....	702	767	674	697	713	797	685	724
Nebraska.....	1,538	1,678	1,480	1,533	1,552	1,728	1,493	1,579
Kansas.....	2,397	2,638	2,309	2,414	2,416	2,705	2,327	2,475
South Atlantic.....	34,233	41,424	32,888	37,707	34,104	41,044	32,761	37,345
Delaware.....	617	767	592	696	613	754	589	685
Maryland.....	4,359	5,361	4,187	4,876	4,326	5,276	4,155	4,802
District of Columbia <sup>1</sup> .....	935	1,164	895	1,052	936	1,156	895	1,044
Virginia.....	5,243	6,175	5,036	5,618	5,233	6,198	5,027	5,641
West Virginia.....	1,755	1,810	1,696	1,667	1,789	1,898	1,728	1,747
North Carolina.....	5,596	6,386	5,373	5,801	5,618	6,498	5,394	5,902
South Carolina.....	2,865	3,265	2,742	2,947	2,889	3,364	2,765	3,035
Georgia.....	5,142	5,961	4,928	5,400	5,147	6,049	4,933	5,477
Florida.....	7,721	10,535	7,438	9,649	7,552	9,850	7,275	9,012
East South Central.....	14,228	16,109	13,661	14,633	14,304	16,437	13,731	14,922
Kentucky.....	3,400	3,722	3,272	3,398	3,431	3,840	3,301	3,505
Tennessee.....	4,345	4,920	4,181	4,492	4,349	4,975	4,185	4,541
Alabama.....	3,922	4,549	3,763	4,125	3,938	4,604	3,777	4,171
Mississippi.....	2,560	2,918	2,445	2,617	2,585	3,019	2,468	2,705
West South Central.....	21,484	25,130	20,613	22,816	21,518	25,398	20,643	23,053
Arkansas.....	2,185	2,442	2,097	2,216	2,188	2,490	2,100	2,257
Louisiana.....	4,163	5,021	3,979	4,522	4,172	5,053	3,988	4,549
Oklahoma.....	2,655	2,934	2,559	2,686	2,666	2,983	2,569	2,731
Texas.....	12,482	14,734	11,978	13,392	12,492	14,871	11,986	13,515
Mountain.....	9,399	11,730	9,012	10,666	9,371	11,601	8,985	10,548
Montana.....	764	879	734	800	771	897	740	816
Idaho.....	760	897	731	817	765	901	735	821
Wyoming.....	354	430	340	392	356	427	343	389
Colorado.....	2,340	2,856	2,250	2,607	2,330	2,829	2,241	2,583
New Mexico.....	1,215	1,594	1,159	1,432	1,220	1,580	1,164	1,420
Arizona.....	2,127	2,847	2,037	2,581	2,100	2,754	2,011	2,496
Utah.....	1,207	1,494	1,155	1,352	1,209	1,503	1,157	1,361
Nevada.....	632	733	606	683	620	711	594	663
Pacific.....	30,812	39,534	29,659	36,153	30,501	38,408	29,361	35,134
Washington.....	3,304	3,937	3,185	3,607	3,316	3,936	3,197	3,608
Oregon.....	2,239	2,588	2,162	2,378	2,229	2,576	2,152	2,367
California.....	24,129	31,704	23,224	28,997	23,805	30,537	22,913	27,939
Alaska.....	328	392	311	349	331	407	314	362
Hawaii.....	812	912	777	822	821	952	785	858

<sup>1</sup> See source, p. 3, for special projections.

# NO. 12. POPULATION, RANK, PERCENT CHANGE, AND DENSITY—STATES AND PUERTO RICO: 1910 TO 1960

[Insofar as possible, population shown is that of present area of State. Minus sign (—) denotes decrease. For composition of regions, see fig. I, p. xii. See also *Historical Statistics, Colonial Times to 1957*, series A 123-180]

STATE OR OTHER AREA	POPULATION (1,000)						RANK					
	1910	1920	1930	1940	1950	1960	1910	1920	1930	1940	1950	1960
<b>United States</b> .....	92,228	106,022	123,203	132,165	151,326	179,323	(X)	(X)	(X)	(X)	(X)	(X)
<b>Regions:</b>												
Northeast.....	25,869	29,662	34,427	35,977	39,478	44,678	(X)	(X)	(X)	(X)	(X)	(X)
North Central.....	29,889	34,020	38,594	40,143	44,461	51,619	(X)	(X)	(X)	(X)	(X)	(X)
South.....	29,389	33,126	37,858	41,666	47,197	54,973	(X)	(X)	(X)	(X)	(X)	(X)
West.....	7,082	9,214	12,324	14,379	20,190	28,053	(X)	(X)	(X)	(X)	(X)	(X)
<b>New England</b> .....	6,553	7,401	8,166	8,437	9,314	10,509	(X)	(X)	(X)	(X)	(X)	(X)
Maine.....	742	768	797	847	914	969	34	35	35	35	35	36
New Hampshire.....	431	443	465	492	533	607	39	41	42	45	45	46
Vermont.....	356	352	360	359	378	390	42	45	47	47	47	48
Massachusetts.....	3,366	3,852	4,250	4,317	4,691	5,149	6	6	8	8	9	9
Rhode Island.....	543	604	687	713	792	859	38	38	37	36	37	39
Connecticut.....	1,115	1,381	1,607	1,709	2,007	2,535	31	29	29	31	28	25
<b>Middle Atlantic</b> .....	19,316	22,261	26,261	27,539	30,164	34,168	(X)	(X)	(X)	(X)	(X)	(X)
New York.....	9,114	10,385	12,588	13,479	14,830	16,782	1	1	1	1	1	1
New Jersey.....	2,537	3,156	4,041	4,160	4,835	6,067	11	10	9	9	8	8
Pennsylvania.....	7,665	8,720	9,631	9,900	10,498	11,319	2	2	2	2	3	3
<b>East North Central</b> .....	18,251	21,476	25,297	26,626	30,399	36,225	(X)	(X)	(X)	(X)	(X)	(X)
Ohio.....	4,767	5,759	6,647	6,908	7,947	9,706	4	4	4	4	5	5
Indiana.....	2,701	2,930	3,239	3,428	3,934	4,662	9	11	11	12	12	11
Illinois.....	5,639	6,485	7,631	7,897	8,712	10,081	3	3	3	3	4	4
Michigan.....	2,810	3,668	4,842	5,256	6,372	7,823	8	7	7	7	7	7
Wisconsin.....	2,334	2,632	2,939	3,138	3,435	3,952	13	13	13	13	14	15
<b>West North Central</b> .....	11,638	12,544	13,297	13,517	14,061	15,394	(X)	(X)	(X)	(X)	(X)	(X)
Minnesota.....	2,076	2,387	2,564	2,792	2,982	3,414	19	17	18	18	18	18
Iowa.....	2,225	2,404	2,471	2,538	2,621	2,758	15	16	19	20	22	24
Missouri.....	3,293	3,404	3,629	3,785	3,955	4,320	7	9	10	10	11	13
North Dakota.....	577	647	681	642	620	632	37	36	38	39	42	45
South Dakota.....	584	637	693	643	653	681	36	37	36	38	41	41
Nebraska.....	1,192	1,296	1,378	1,316	1,326	1,411	29	31	32	32	33	34
Kansas.....	1,691	1,769	1,881	1,801	1,905	2,179	22	24	24	29	31	28
<b>South Atlantic</b> .....	12,195	13,990	15,794	17,823	21,182	25,972	(X)	(X)	(X)	(X)	(X)	(X)
Delaware.....	202	223	238	267	318	446	47	48	48	48	48	47
Maryland.....	1,295	1,450	1,632	1,821	2,343	3,101	27	28	28	28	24	21
Dist. of Columbia.....	331	438	487	663	802	764	43	42	41	37	36	40
Virginia.....	2,062	2,309	2,422	2,678	3,319	3,967	20	20	20	19	15	14
West Virginia.....	1,221	1,464	1,729	1,902	2,006	1,860	28	27	27	25	29	30
North Carolina.....	2,206	2,559	3,170	3,572	4,062	4,556	16	14	12	11	10	12
South Carolina.....	1,515	1,684	1,739	1,900	2,117	2,383	26	26	26	26	27	26
Georgia.....	2,609	2,896	2,909	3,124	3,445	3,943	10	12	14	14	13	16
Florida.....	753	968	1,468	1,897	2,771	4,952	33	32	31	27	20	10
<b>East South Central</b> .....	8,410	8,893	9,887	10,778	11,477	12,050	(X)	(X)	(X)	(X)	(X)	(X)
Kentucky.....	2,290	2,417	2,615	2,846	2,945	3,038	14	15	17	16	19	22
Tennessee.....	2,185	2,338	2,617	2,916	3,292	3,567	17	19	16	15	16	17
Alabama.....	2,138	2,348	2,646	2,833	3,062	3,267	18	18	15	17	17	19
Mississippi.....	1,797	1,791	2,010	2,184	2,179	2,178	21	23	23	23	26	29
<b>West South Central</b> .....	8,785	10,242	12,177	13,065	14,538	16,951	(X)	(X)	(X)	(X)	(X)	(X)
Arkansas.....	1,574	1,752	1,854	1,949	1,910	1,786	25	25	25	24	30	31
Louisiana.....	1,656	1,799	2,102	2,364	2,684	3,257	24	22	22	21	21	20
Oklahoma.....	1,657	2,028	2,396	2,336	2,233	2,328	23	21	21	22	25	27
Texas.....	3,897	4,663	5,825	6,415	7,711	9,580	5	5	5	6	6	6
<b>Mountain</b> .....	2,634	3,336	3,702	4,150	5,075	6,855	(X)	(X)	(X)	(X)	(X)	(X)
Montana.....	376	549	538	559	591	675	40	39	39	40	43	42
Idaho.....	326	432	445	525	589	667	45	43	43	43	44	43
Wyoming.....	146	194	226	251	291	330	49	49	49	49	49	49
Colorado.....	799	940	1,036	1,123	1,325	1,754	32	33	33	33	34	33
New Mexico.....	327	360	423	532	681	951	44	44	45	42	40	37
Arizona.....	204	334	436	499	750	1,302	46	46	44	44	38	35
Utah.....	373	449	508	550	689	891	41	40	40	41	39	38
Nevada.....	82	77	91	110	160	285	50	50	50	50	50	50
<b>Pacific</b> .....	4,449	5,878	8,622	10,229	15,115	21,198	(X)	(X)	(X)	(X)	(X)	(X)
Washington.....	1,142	1,357	1,563	1,736	2,379	2,853	30	30	30	30	23	23
Oregon.....	673	783	954	1,090	1,521	1,769	35	34	34	34	32	32
California.....	2,378	3,427	5,677	6,907	10,586	15,717	12	8	6	5	2	2
Alaska.....	64	55	159	173	129	226	51	51	51	51	51	51
Hawaii.....	192	256	368	423	500	633	48	47	46	46	46	44
<b>Puerto Rico</b> .....	1,118	1,300	1,544	1,869	2,211	2,350	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable.    1 1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.



No. 12. POPULATION, RANK, PERCENT CHANGE, AND DENSITY—STATES AND PUERTO RICO: 1910 TO 1960—Continued

STATE OR OTHER AREA	PERCENT CHANGE					POPULATION PER SQUARE MILE <sup>2</sup>					
	1910 to 1920	1920 to 1930	1930 to 1940	1940 to 1950	1950 to 1960	1910	1920	1930	1940	1950	1960
United States.....	15.0	16.2	7.3	14.5	18.5	26.0	29.9	34.7	37.2	42.6	50.5
<b>Regions:</b>											
Northeast.....	14.7	16.1	4.5	9.7	13.2	159.7	183.1	210.3	219.8	241.2	273.1
North Central.....	13.8	13.4	4.0	10.8	16.1	39.5	45.0	51.1	53.1	58.8	68.4
South.....	12.7	14.3	10.1	13.3	16.5	33.5	37.7	43.0	47.4	53.7	62.7
West.....	30.1	33.7	16.7	40.4	38.9	4.0	5.3	7.0	8.2	11.5	16.0
<b>New England:</b>											
Maine.....	12.9	10.3	3.3	10.4	12.8	105.7	119.4	129.2	133.5	147.5	166.5
New Hampshire.....	3.5	3.8	6.2	7.9	6.1	24.8	25.7	25.7	27.3	29.4	31.3
Vermont.....	2.9	5.0	5.6	8.5	13.8	47.7	49.1	51.6	54.5	59.1	67.3
Massachusetts.....	-1.0	2.0	-0.1	5.2	3.2	39.0	38.6	38.8	38.7	40.7	42.0
Rhode Island.....	14.4	10.3	1.6	8.7	9.8	418.8	479.2	537.4	545.9	596.2	654.5
Connecticut.....	11.4	13.7	3.8	11.0	8.5	508.5	566.4	649.8	674.2	748.5	812.4
	23.9	16.4	6.4	17.4	26.3	231.3	286.4	328.0	348.9	409.7	517.5
<b>Middle Atlantic:</b>											
New York.....	15.2	18.0	4.9	9.5	13.3	193.2	222.6	261.3	274.0	300.1	340.1
New Jersey.....	14.0	21.2	7.1	10.0	13.2	191.2	217.9	262.6	281.2	309.3	350.1
Pennsylvania.....	24.4	28.1	2.9	16.2	25.5	337.7	420.0	537.3	553.1	642.8	806.6
	13.8	10.5	2.8	6.0	7.8	171.0	194.5	213.8	219.8	233.1	251.5
<b>East North Central:</b>											
Ohio.....	17.7	17.8	5.3	14.2	19.2	74.3	87.5	103.2	108.7	124.1	148.0
Indiana.....	20.8	15.4	3.9	15.0	22.1	117.0	141.4	161.6	168.0	193.8	236.9
Illinois.....	8.5	10.5	5.8	14.8	18.5	74.9	81.3	89.4	94.7	108.7	128.9
Michigan.....	15.0	17.7	3.5	10.3	15.7	100.6	115.7	136.4	141.2	155.8	180.2
Wisconsin.....	30.5	32.0	8.5	21.2	22.8	48.9	63.8	84.9	92.2	111.7	137.2
	12.8	11.7	6.8	9.5	15.1	42.2	47.6	53.7	57.3	62.8	72.2
<b>West North Central:</b>											
Minnesota.....	7.8	6.0	1.7	4.0	9.5	22.8	24.6	26.0	26.5	27.5	30.2
Iowa.....	15.0	7.4	8.9	6.8	14.5	25.7	29.5	32.0	34.9	37.3	42.7
Missouri.....	8.1	2.8	2.7	3.3	5.2	40.0	43.2	44.1	45.3	46.8	49.2
North Dakota.....	3.4	6.6	4.3	4.5	9.2	47.9	49.5	52.4	54.6	57.1	62.5
South Dakota.....	12.1	5.3	-5.7	-3.5	2.1	8.2	9.2	9.7	9.2	8.8	9.1
Nebraska.....	9.0	8.8	-7.2	1.5	4.3	7.6	8.3	9.1	8.4	8.5	8.9
Kansas.....	8.7	6.3	-4.5	0.7	6.5	15.5	16.9	18.0	17.2	17.3	18.4
	4.6	6.3	-4.3	5.8	14.3	20.7	21.6	22.9	21.9	23.2	26.6
<b>South Atlantic:</b>											
Delaware.....	14.7	12.9	12.9	18.8	22.6	45.3	52.0	58.8	66.4	79.0	97.0
Maryland.....	10.2	6.9	11.8	19.4	40.3	103.0	113.5	120.5	134.7	160.8	225.6
Dist. of Columbia.....	11.9	12.5	11.6	28.6	32.3	130.3	145.8	165.0	184.2	237.1	314.0
Virginia.....	32.2	11.3	36.2	21.0	-4.8	5, 517.8	7, 292.9	7, 981.5	10, 870.3	13, 150.5	12, 523.9
West Virginia.....	12.0	4.9	10.6	23.9	19.5	51.2	57.4	60.7	67.1	83.2	99.6
North Carolina.....	19.9	18.1	10.0	5.4	-7.2	50.8	60.9	71.8	79.0	83.3	77.3
South Carolina.....	16.0	23.9	12.7	13.7	12.2	45.3	52.5	64.5	72.7	82.7	92.9
Georgia.....	11.1	3.3	9.3	11.4	12.5	49.7	55.2	56.8	62.1	69.9	78.7
Florida.....	11.0	0.4	7.4	10.3	14.5	44.4	49.3	49.7	53.4	58.9	67.8
	28.7	51.6	29.2	46.1	78.7	13.7	17.7	27.1	35.0	51.1	91.5
<b>East South Central:</b>											
Kentucky.....	5.7	11.2	9.0	6.5	5.0	46.8	49.5	54.8	59.7	63.8	67.0
Tennessee.....	5.5	8.2	8.8	3.5	3.2	57.0	60.1	65.2	70.9	73.9	76.2
Alabama.....	7.0	11.9	11.4	12.9	8.4	52.4	56.1	62.4	69.5	78.8	85.4
Mississippi.....	9.8	12.7	7.1	8.1	6.7	41.7	45.8	51.8	55.5	59.9	64.0
	-0.4	12.2	8.7	-0.2	(Z)	38.8	38.6	42.4	46.1	46.1	46.1
<b>West South Central:</b>											
Arkansas.....	16.6	18.9	7.3	11.3	16.6	20.4	23.8	28.3	30.3	33.8	39.5
Louisiana.....	11.3	5.8	5.1	-2.0	-6.5	30.0	33.4	35.2	37.0	36.3	34.0
Oklahoma.....	8.6	16.9	12.5	13.5	21.4	36.5	39.6	46.5	52.3	59.4	72.2
Texas.....	22.4	18.1	-2.5	-4.4	4.3	23.9	29.2	34.6	33.7	32.4	33.8
	19.7	24.9	10.1	20.2	24.2	14.8	17.8	22.1	24.3	29.3	36.4
<b>Mountain:</b>											
Montana.....	26.7	11.0	12.1	22.3	35.1	3.1	3.9	4.3	4.8	5.9	8.0
Idaho.....	46.0	-2.1	4.1	5.6	14.2	2.6	3.8	3.7	3.8	4.1	4.6
Wyoming.....	32.6	3.0	17.9	12.1	13.3	3.9	5.2	5.4	6.3	7.1	8.1
Colorado.....	33.2	16.0	11.2	15.9	13.6	1.5	2.0	2.3	2.6	3.0	3.4
New Mexico.....	17.6	10.2	8.4	18.0	32.4	7.7	9.1	10.0	10.8	12.8	16.9
Arizona.....	10.1	17.5	25.6	28.1	39.6	2.7	2.9	3.5	4.4	5.6	7.8
Utah.....	63.5	30.3	14.6	50.1	73.7	1.8	2.9	3.8	4.4	6.6	11.5
Nevada.....	20.4	13.0	8.4	25.2	29.3	4.5	5.5	6.2	6.7	8.4	10.8
	-5.5	17.6	21.1	45.2	78.2	0.7	0.7	0.8	1.0	1.5	2.6
<b>Pacific:</b>											
Washington.....	32.1	46.7	18.7	47.8	40.2	5.0	6.6	9.6	11.4	16.8	23.6
Oregon.....	18.8	15.2	11.1	37.0	19.9	17.1	20.3	23.3	25.9	35.6	42.8
California.....	16.4	21.8	14.2	39.6	16.3	7.0	8.2	9.9	11.3	15.8	18.4
Alaska.....	44.1	65.7	21.7	53.3	48.5	15.3	22.0	36.2	44.1	67.5	100.4
Hawaii.....	-14.5	7.7	22.3	77.4	75.8	0.1	0.1	10.1	10.1	0.2	0.4
	33.4	43.9	14.9	18.1	26.6	30.0	39.9	57.5	66.0	78.0	98.6
Puerto Rico.....	16.3	18.8	21.1	18.3	6.3	326.6	379.7	451.0	546.1	645.8	686.8

Z Less than 0.1 percent.

<sup>2</sup> For United States, population of U.S. has been divided by total land area. For each State and Puerto Rico, population at given census has been divided by land area as then constituted, except that 1930 figures are based on revised land areas used for 1940.Source: Dept. of Commerce, Bureau of the Census; Reports of Fourteenth and Sixteenth Censuses, *Population*, Vol. I, and *U.S. Census of Population: 1960*, Vol. I.

No. 13. URBAN AND RURAL PLACES AND POPULATION, BY SIZE OF PLACE: 1910 TO 1960

[Prior to 1960, excludes Alaska and Hawaii. "Previous urban definition" refers to the definition used prior to 1950 when a number of large and densely settled places were not included as urban because they were not incorporated. In 1950, the Bureau of the Census adopted the concept of the urbanized area and delineated boundaries for unincorporated places. All the population residing in urban-fringe areas and in unincorporated places of 2,500 or more is classified as urban according to the "current" definition. See also *Historical Statistics, Colonial Times to 1957*, series A 181-209]

CLASS AND SIZE	1910	1920	1930	1940	1950		1960	
					Previous urban definition	Current urban definition	Previous urban definition	Current urban definition
PLACES								
Urban <sup>1</sup> .....	2,262	2,722	13,165	3,464	4,054	4,741	5,022	6,041
Places of 1,000,000 or more.....	3	3	5	5	5	5	5	5
Places of 500,000 to 1,000,000.....	5	9	8	9	13	13	16	16
Places of 250,000 to 500,000.....	11	13	24	23	23	23	30	30
Places of 100,000 to 250,000.....	31	43	56	55	67	65	80	81
Places of 50,000 to 100,000.....	59	76	98	107	129	126	203	201
Places of 25,000 to 50,000.....	119	143	185	213	283	252	427	432
Places of 10,000 to 25,000.....	369	465	606	665	831	778	1,146	1,134
Places of 5,000 to 10,000.....	605	715	851	965	1,129	1,176	1,326	1,394
Places of 2,500 to 5,000.....	1,060	1,255	1,332	1,422	1,574	1,846	1,739	2,152
Places under 2,500.....	(X)	(X)	(X)	(X)	(X)	457	(X)	596
Rural.....	11,830	12,855	13,433	13,288	13,235	13,807	13,418	13,749
Places of 1,000 to 2,500.....	2,717	3,030	3,087	3,205	3,404	4,158	3,545	4,151
Places under 1,000.....	9,113	9,825	10,346	10,083	9,831	9,649	9,873	9,598
POPULATION (1,000)								
United States.....	91,972	105,711	122,775	131,669	150,697	150,697	179,323	179,323
Urban.....	41,999	54,158	68,955	74,424	89,749	96,468	113,056	125,269
Places of 1,000,000 or more.....	8,501	10,146	15,065	15,911	17,404	17,404	17,434	17,484
Places of 500,000 to 1,000,000.....	3,011	6,224	5,764	6,457	9,187	9,187	11,111	11,111
Places of 250,000 to 500,000.....	3,950	4,541	7,956	7,828	8,242	8,242	10,766	10,766
Places of 100,000 to 250,000.....	4,840	6,519	7,541	7,793	9,724	9,479	11,548	11,652
Places of 50,000 to 100,000.....	4,179	5,265	6,491	7,344	9,138	8,931	13,959	13,836
Places of 25,000 to 50,000.....	4,023	5,075	6,426	7,417	9,876	8,808	14,776	14,951
Places of 10,000 to 25,000.....	5,549	7,035	9,097	9,967	12,768	11,867	17,731	17,568
Places of 5,000 to 10,000.....	4,217	4,968	5,897	6,682	7,832	8,139	9,350	9,780
Places of 2,500 to 5,000.....	3,728	4,386	4,718	5,026	5,579	6,490	6,332	7,580
Places under 2,500.....	(X)	(X)	(X)	(X)	(X)	578	(X)	690
Unincorporated parts of urbanized areas.....	(X)	(X)	(X)	(X)	(X)	7,344	(X)	9,851
Rural.....	49,973	51,553	53,820	57,246	60,948	54,230	66,267	54,054
Places of 1,000 to 2,500.....	4,234	4,712	4,821	5,027	5,383	6,473	5,616	6,497
Places under 1,000.....	3,930	4,255	4,363	4,316	4,129	4,031	4,032	3,894
Other rural.....	41,809	42,586	44,637	47,903	51,437	43,725	56,619	43,664
PERCENT OF TOTAL POPULATION								
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Urban.....	45.7	51.2	56.2	56.5	59.6	64.0	63.0	69.9
Places of 1,000,000 or more.....	9.2	9.6	12.3	12.1	11.5	11.5	9.8	9.8
Places of 500,000 to 1,000,000.....	3.3	5.9	4.7	4.9	6.1	6.1	6.2	6.2
Places of 250,000 to 500,000.....	4.3	4.3	6.5	5.9	5.5	5.5	6.0	6.0
Places of 100,000 to 250,000.....	5.3	6.2	6.1	5.9	6.5	6.3	6.4	6.5
Places of 50,000 to 100,000.....	4.5	5.0	5.3	5.6	6.1	5.9	7.8	7.7
Places of 25,000 to 50,000.....	4.4	4.8	5.2	5.6	6.6	5.8	8.2	8.3
Places of 10,000 to 25,000.....	6.0	6.7	7.4	7.6	8.5	7.9	9.9	9.8
Places of 5,000 to 10,000.....	4.6	4.7	4.8	5.1	5.2	5.4	5.2	5.5
Places of 2,500 to 5,000.....	4.1	4.1	3.8	3.8	3.7	4.3	3.5	4.2
Places under 2,500.....	(X)	(X)	(X)	(X)	(X)	0.4	(X)	0.4
Unincorporated parts of urbanized areas.....	(X)	(X)	(X)	(X)	(X)	4.9	(X)	5.5
Rural.....	54.3	48.8	43.8	43.5	40.4	36.0	37.0	30.1
Places of 1,000 to 2,500.....	4.6	4.5	3.9	3.8	3.6	4.3	3.1	3.6
Places under 1,000.....	4.3	4.0	3.6	3.3	2.7	2.7	2.2	2.2
Other rural.....	45.5	40.3	36.4	36.4	34.1	29.0	31.6	24.3

X Not applicable.  
<sup>1</sup> Bluefield, Va., and Bluefield, W. Va.; Bristol, Tenn., and Bristol, Va.; Delmar, Del., and Delmar, Md.; Harrison, Ohio, and West Harrison, Ind.; Junction City, Ark., and Junction City, La.; Texarkana, Ark., and Texarkana, Tex.; Texhoma, Okla., and Texhoma, Tex.; and Union City, Ind., and Union City, Ohio, were counted as separate incorporated places in all years except 1930 when each pair was counted as a single place.



## No. 14. POPULATION, URBAN AND RURAL—STATES AND PUERTO RICO: 1950 AND 1960

[In thousands, except percent. 1960 based on sample]

STATE OR OTHER AREA	1950				1960			
	Urban		Rural		Urban		Rural	
	Number	Percent	Nonfarm	Farm	Number	Percent	Nonfarm	Farm
United States.....	96,847	64.0	<sup>1</sup> 31,431	<sup>1</sup> 23,048	125,284	69.9	40,567	13,474
New England.....	7,102	76.2	1,810	403	8,033	76.4	2,297	181
Maine.....	472	51.7	320	122	497	51.3	424	48
New Hampshire.....	307	57.5	179	47	354	58.3	235	19
Vermont.....	138	36.4	159	81	150	38.5	191	49
Massachusetts.....	3,959	84.4	651	80	4,303	83.6	810	36
Rhode Island.....	667	84.3	114	10	743	86.4	113	4
Connecticut.....	1,559	77.6	386	63	1,986	78.3	525	25
Middle Atlantic.....	24,272	80.5	4,504	1,388	27,810	81.4	5,628	733
New York.....	12,682	85.5	1,570	578	14,333	85.4	2,126	325
New Jersey.....	4,186	86.6	544	105	5,374	88.6	641	52
Pennsylvania.....	7,403	70.5	2,390	705	8,103	71.6	2,861	356
East North Central.....	21,186	69.7	5,510	3,703	26,439	73.0	7,227	2,563
Ohio.....	5,578	70.2	1,515	853	7,124	73.4	2,064	520
Indiana.....	2,357	59.9	910	667	2,910	62.4	1,267	486
Illinois.....	6,759	77.6	1,190	763	8,141	80.7	1,378	563
Michigan.....	4,503	70.7	1,174	695	5,741	73.4	1,643	441
Wisconsin.....	1,988	57.9	721	725	2,523	63.8	876	554
West North Central.....	7,305	52.0	3,027	3,729	9,047	58.8	3,518	2,830
Minnesota.....	1,625	54.5	618	740	2,121	62.1	705	588
Iowa.....	1,251	47.7	587	783	1,463	53.1	632	662
Missouri.....	2,433	61.5	658	863	2,878	66.6	902	541
N. Dakota.....	165	26.6	200	254	223	35.2	205	204
S. Dakota.....	217	33.2	182	254	267	39.3	208	206
Nebraska.....	622	46.9	312	391	766	54.3	337	309
Kansas.....	993	52.1	468	444	1,329	61.0	529	321
South Atlantic.....	10,391	49.1	6,158	4,633	14,853	57.2	8,783	2,325
Delaware.....	199	62.6	85	34	293	65.6	132	22
Maryland.....	1,616	69.0	544	183	2,254	72.7	737	110
Dist. of Col.....	802	100.0	-	-	764	100.0	-	-
Virginia.....	1,560	47.0	1,027	732	2,205	55.8	1,352	397
W. Virginia.....	694	34.6	900	411	711	38.2	1,028	121
N. Carolina.....	1,308	33.7	1,317	1,377	1,802	39.5	1,946	808
S. Carolina.....	778	36.7	638	701	981	41.2	1,050	351
Georgia.....	1,559	45.3	923	962	2,180	55.3	1,356	407
Florida.....	1,814	65.5	725	233	3,663	74.0	1,183	108
East South Central.....	4,485	39.1	2,944	4,048	5,834	48.4	4,136	2,080
Kentucky.....	1,084	36.8	887	974	1,353	44.5	1,137	548
Tennessee.....	1,453	44.1	823	1,016	1,865	52.3	1,116	587
Alabama.....	1,341	43.8	760	960	1,795	55.0	1,069	403
Mississippi.....	607	27.9	475	1,097	821	37.7	814	543
West South Central.....	8,080	55.6	3,243	3,215	11,479	67.7	3,953	1,521
Arkansas.....	631	33.0	477	802	765	42.8	689	332
Louisiana.....	1,472	54.8	644	567	2,061	63.3	963	233
Oklahoma.....	1,139	51.0	541	553	1,465	62.9	604	259
Texas.....	4,838	62.7	1,581	1,292	7,188	75.0	1,696	697
Mountain.....	2,786	54.9	1,431	859	4,600	67.1	1,679	577
Montana.....	258	43.7	197	136	338	50.2	230	106
Idaho.....	253	42.9	171	165	317	47.5	217	133
Wyoming.....	145	49.8	89	57	188	56.8	99	43
Colorado.....	831	62.7	296	198	1,293	73.7	333	128
New Mexico.....	342	50.2	207	132	625	65.7	267	59
Arizona.....	416	55.5	257	77	971	74.5	277	55
Utah.....	450	65.3	158	81	667	74.9	180	43
Nevada.....	92	57.2	55	13	201	70.4	74	10
Pacific.....	11,241	74.4	<sup>1</sup> 2,804	<sup>1</sup> 1,070	17,190	81.1	3,345	666
Washington.....	1,503	63.2	602	274	1,943	68.1	746	164
Oregon.....	819	53.9	474	228	1,100	62.2	530	138
California.....	8,539	80.7	1,479	568	13,577	86.4	1,793	351
Alaska.....	34	26.6	<sup>2</sup> 94	( <sup>2</sup> )	86	37.9	138	2
Hawaii.....	345	69.0	<sup>2</sup> 155	( <sup>2</sup> )	484	76.5	138	11
Puerto Rico.....	895	40.5	<sup>2</sup> 1,316	( <sup>2</sup> )	1,039	44.2	<sup>2</sup> 1,301	( <sup>2</sup> )

- Represents zero.

<sup>1</sup> Farm included with nonfarm for Alaska and Hawaii.    <sup>2</sup> Farm included with nonfarm.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, and *1960*, Vol. I.

# NO. 15. POPULATION AND COMPONENTS OF POPULATION CHANGE FOR METROPOLITAN AREAS: 1960 AND 1965

[In thousands, except as indicated. Areas as defined January 1, 1967. Minus sign (—) denotes decrease. For definition of standard metropolitan statistical area, see text, p. 2. For area components, see *Standard Metropolitan Statistical Areas, 1964* (as amended), issued by the Executive Office of the President, Bureau of the Budget. For New England, data refer to State Economic Areas, which consist of whole counties, because 1965 estimates were not available for the towns and cities comprising SMSA's in New England]

AREA	POPULATION		Percent change, 1960 to 1965	COMPONENTS OF CHANGE, 1960 TO 1965	
	Apr. 1, 1960	July 1, 1965 <sup>1</sup>		Natural increase	Net mi- gration
STANDARD METROPOLITAN STATISTICAL AREAS <sup>2</sup>					
Abilene, Tex.	120	126	4.9	11	-5
Akron, Ohio	605	650	7.4	44	1
Albany, Ga.	76	89	18.0	10	3
Albany-Schenectady-Troy, N.Y.	658	697	6.1	31	9
Albuquerque, N. Mex.	262	288	10.0	32	-6
Allentown-Bethlehem-Easton, Pa.-N.J.	492	515	4.6	21	2
Altoona, Pa.	137	137	-0.3	5	-6
Amarillo, Tex.	149	168	12.1	15	3
Anaheim-Santa Ana-Garden Grove, Calif.	704	1,107	57.3	86	318
Anderson, Ind.	126	130	3.5	9	-4
Ann Arbor, Mich.	172	187	8.4	16	-2
Asheville, N.C.	130	143	9.7	7	6
Atlanta, Ga.	1,017	1,216	19.6	93	106
Atlantic City, N.J.	161	179	11.5	5	14
Augusta, Ga.-S.C.	217	237	9.3	18	2
Austin, Tex.	212	247	16.2	21	14
Bakersfield, Calif.	292	319	9.4	27	1
Baltimore, Md.	1,727	1,854	7.3	123	4
Baton Rouge, La.	230	255	11.0	23	2
Bay City, Mich.	107	109	2.0	9	-7
Beaumont-Port Arthur, Tex.	306	313	2.3	25	-18
Billings, Mont.	79	84	6.2	6	-1
Binghamton, N.Y.-Pa.	284	297	4.8	19	-6
Birmingham, Ala.	635	644	1.4	39	-30
Bloomington-Normal, Ill.	84	90	6.8	5	1
Boise City, Idaho	93	99	6.0	7	-1
Brownsville-Harlingen-San Benito, Tex.	151	151	0.1	21	-20
Buffalo, N.Y.	1,307	1,320	1.0	78	-65
Canton, Ohio	340	356	4.5	20	-5
Cedar Rapids, Iowa	137	148	8.5	12	-1
Champaign-Urbana, Ill.	132	133	0.7	10	-9
Charleston, S.C.	255	296	16.1	29	12
Charleston, W. Va.	253	245	-3.0	17	-24
Charlotte, N.C.	317	360	13.7	29	15
Chattanooga, Tenn.-Ga.	283	292	3.2	18	-9
Chicago, Ill.	6,221	6,689	7.5	442	26
Cincinnati, Ohio-Ky.-Ind.	1,268	1,347	6.2	93	-15
Cleveland, Ohio	1,909	2,000	4.7	120	-29
Colorado Springs, Colo.	144	176	22.6	10	22
Columbia, S.C.	261	289	10.7	22	6
Columbus, Ga.-Ala.	218	260	19.5	26	16
Columbus, Ohio	755	847	12.1	65	27
Corpus Christi, Tex.	267	286	7.2	30	-11
Dallas, Tex.	1,084	1,289	18.9	101	104
Davenport-Rock Island-Moline, Iowa-Ill.	319	339	6.2	21	-2
Dayton, Ohio	727	791	8.8	56	8
Decatur, Ill.	118	122	3.0	7	-4
Denver, Colo.	929	1,073	15.5	83	61
Des Moines, Iowa	266	271	1.7	19	-14
Detroit, Mich.	3,762	3,987	6.0	279	-55
Dubuque, Iowa	80	87	8.3	8	-1
Duluth-Superior, Minn.-Wis.	277	267	-3.4	13	-23
Durham, N.C.	112	123	10.3	8	4
El Paso, Tex.	314	344	9.6	52	-22
Erie, Pa.	251	255	1.7	15	-11
Eugene, Oreg.	163	194	19.0	14	17
Evansville, Ind.-Ky.	223	223	(Z)	12	-12
Fargo-Moorhead, N. Dak.-Minn.	106	110	3.4	9	-6
Fayetteville, N.C.	148	193	30.2	24	20
Flint, Mich.	416	459	10.2	41	2
Fort Lauderdale-Hollywood, Fla.	334	441	32.2	20	88
Fort Smith, Ark.-Okla.	135	154	14.1	9	10
Fort Wayne, Ind.	232	259	11.6	20	7
Fort Worth, Tex.	573	627	9.4	45	9
Fresno, Calif.	366	403	10.2	31	7
Gadsden, Ala.	97	94	-3.6	6	-9
Galveston-Texas City, Tex.	140	157	12.2	11	6
Gary-Hammond-East Chicago, Ind.	574	596	3.9	51	-29
Grand Rapids, Mich.	462	502	8.6	39	(Z)

See footnotes at end of table.

# No. 15. POPULATION AND COMPONENTS OF POPULATION CHANGE FOR METROPOLITAN AREAS: 1960 AND 1965—Continued

[In thousands, except as indicated]

AREA	POPULATION		Percent change, 1960 to 1965	COMPONENTS OF CHANGE, 1960 TO 1965	
	Apr. 1, 1960	July 1, 1965 <sup>1</sup>		Natural increase	Net migration

STANDARD METROPOLITAN STATISTICAL AREAS <sup>2</sup> —Con.					
Great Falls, Mont.	73	82	11.3	9	(Z)
Green Bay, Wis.	125	137	9.2	13	-2
Greensboro-High Point, N.C.	247	267	8.4	20	1
Greenville, S.C.	256	267	4.3	21	-10
Hamilton-Middletown, Ohio	199	208	4.6	15	-6
Harrisburg, Pa.	372	391	5.2	20	-1
Honolulu, Hawaii	500	571	14.1	65	6
Houston, Tex.	1,418	1,696	19.6	138	139
Huntington-Ashland, W. Va.-Ky.-Ohio	255	260	2.2	14	-9
Huntsville, Ala.	154	224	45.4	20	50
Indianapolis, Ind.	917	984	7.3	75	-8
Jackson, Mich.	132	137	4.0	9	-4
Jackson, Miss.	221	250	12.9	22	6
Jacksonville, Fla.	455	497	9.2	44	-1
Jersey City, N.J.	611	619	1.3	28	-20
Johnstown, Pa.	281	270	-3.9	11	-22
Kalamazoo, Mich.	170	181	6.8	13	-2
Kansas City, Mo.-Kans.	1,093	1,183	8.3	82	9
Kenosha, Wis.	101	114	13.3	10	4
Knoxville, Tenn.	368	390	5.8	25	-3
Lafayette, La.	85	98	15.9	11	3
Lafayette-West Lafayette, Ind.	89	96	8.1	8	-1
Lake Charles, La.	145	135	-7.3	15	-26
Lancaster, Pa.	278	289	3.8	18	-8
Lansing, Mich.	299	336	12.3	27	10
Laredo, Tex.	65	76	16.9	11	-1
Las Vegas, Nev.	127	232	82.4	19	85
Lawton, Okla.	91	99	9.1	13	-4
Lexington, Ky.	132	159	20.7	11	16
Lima, Ohio	104	112	7.7	7	1
Lincoln, Nebr.	155	161	3.5	15	-9
Little Rock-North Little Rock, Ark.	243	279	14.7	22	14
Lorain-Elyria, Ohio	218	240	10.3	19	4
Los Angeles-Long Beach, Calif.	6,039	6,765	12.0	424	302
Louisville, Ky.-Ind.	725	771	6.4	54	-8
Lubbock, Tex.	156	185	18.2	20	8
Lynchburg, Va.	111	119	7.1	7	1
McAllen-Pharr-Edinburg, Tex.	181	202	11.5	25	-5
Macon, Ga.	180	201	11.6	17	4
Madison, Wis.	222	260	17.2	23	15
Mansfield, Ohio	118	126	7.1	8	(Z)
Memphis, Tenn.-Ark.	675	740	9.7	61	5
Miami, Fla.	935	1,061	13.5	51	76
Midland, Tex.	68	67	-1.7	6	-8
Milwaukee, Wis.	1,233	1,275	3.4	95	-53
Minneapolis-St. Paul, Minn.	1,482	1,612	8.8	137	-7
Mobile, Ala.	363	391	7.5	35	-8
Monroe, La.	102	112	9.8	10	(Z)
Montgomery, Ala.	200	207	3.7	15	-7
Muncie, Ind.	111	117	5.1	8	-3
Muskegon-Muskegon Heights, Mich.	150	153	1.9	13	-10
Nashville, Tenn.	464	512	10.4	34	15
New Orleans, La.	907	1,027	13.2	76	44
New York, N.Y.	10,695	11,366	6.3	548	123
Newark, N.J.	1,689	1,851	9.6	94	67
Newport News-Hampton, Va.	225	272	21.3	25	22
Norfolk-Portsmouth, Va.	579	637	10.1	61	-2
Odessa, Tex.	91	93	2.0	9	-8
Ogden, Utah	111	120	8.7	11	-2
Oklahoma City, Okla.	512	585	14.3	46	27
Omaha, Nebr.-Iowa	458	516	12.7	46	12
Orlando, Fla.	318	372	16.9	28	26
Oxnard-Ventura, Calif.	199	318	59.5	23	95
Paterson-Clifton-Passaic, N.J.	1,187	1,307	10.1	65	55
Pensacola, Fla.	203	224	10.1	24	-3
Peoria, Ill.	313	320	2.3	22	-15
Philadelphia, Pa.-N.J.	4,343	4,664	7.4	262	60
Phoenix, Ariz.	664	818	23.3	65	90
Pine Bluff, Ark.	81	86	5.8	6	-1
Pittsburgh, Pa.	2,405	2,372	-1.4	110	-143
Portland, Oreg.-Wash.	822	897	9.2	39	36
Provo-Orem, Utah	107	118	10.6	12	-1
Pueblo, Colo.	119	119	0.5	9	-8
Racine, Wis.	142	160	12.6	12	6
Raleigh, N.C.	169	195	15.2	14	11
Reading, Pa.	275	283	2.9	10	-2

See footnotes at end of table.



# No. 15. POPULATION AND COMPONENTS OF POPULATION CHANGE FOR METROPOLITAN AREAS: 1960 AND 1965—Continued

[In thousands, except as indicated]

AREA	POPULATION		Percent change, 1960 to 1965	COMPONENTS OF CHANGE, 1960 TO 1965	
	Apr. 1, 1960	July 1, 1965 <sup>1</sup>		Natural increase	Net migration
STANDARD METROPOLITAN STATISTICAL AREAS <sup>2</sup> —Con.					
Reno, Nev.	85	113	33.2	8	21
Richmond, Va.	436	484	11.1	29	20
Roanoke, Va.	159	173	8.9	8	6
Rochester, N.Y.	733	804	9.7	47	24
Rockford, Ill.	230	247	7.5	19	-2
Sacramento, Calif.	626	737	17.8	55	56
Saginaw, Mich.	191	208	9.0	17	(Z)
St. Joseph, Mo.	91	95	4.7	4	1
St. Louis, Mo.-Ill.	2,105	2,249	6.8	146	-3
Salem, Oreg.	147	172	16.5	7	17
Salinas-Monterey, Calif.	198	222	11.8	19	5
Salt Lake City, Utah	448	523	16.7	54	21
San Angelo, Tex.	65	73	13.3	5	3
San Antonio, Tex.	716	808	12.8	76	16
San Bernardino-Riverside-Ontario, Calif.	810	1,026	26.7	67	150
San Diego, Calif.	1,033	1,136	10.0	94	10
San Francisco-Oakland, Calif.	2,649	2,918	10.2	167	103
San Jose, Calif.	642	885	37.8	75	168
Santa Barbara, Calif.	169	243	44.1	18	56
Savannah, Ga.	188	192	1.9	16	-12
Scranton, Pa.	235	226	-3.6	4	-12
Seattle-Everett, Wash.	1,107	1,179	6.5	73	-1
Shreveport, La.	281	289	2.6	24	-17
Sioux City, Iowa-Nebr.	120	114	-4.8	8	-13
Sioux Falls, S. Dak.	87	94	9.0	8	-1
South Bend, Ind.-Mich.	271	270	-0.5	16	-18
Spokane, Wash.	278	267	-4.2	16	-27
Springfield, Ill.	147	153	4.6	7	-2
Springfield, Mo.	126	140	11.0	6	7
Springfield, Ohio	131	147	12.1	8	8
Steubenville-Weirton, Ohio-W. Va.	168	170	1.1	9	-7
Stockton, Calif.	250	273	9.4	14	9
Syracuse, N.Y.	564	606	7.5	42	(Z)
Tacoma, Wash.	322	343	6.6	25	-4
Tallahassee, Fla.	74	83	11.4	7	2
Tampa-St. Petersburg, Fla.	772	873	13.1	24	77
Terre Haute, Ind.	172	167	-2.7	5	-9
Texarkana, Tex.-Ark.	92	100	9.5	5	4
Toledo, Ohio-Mich.	631	657	4.2	41	-14
Topeka, Kans.	141	149	5.6	13	-5
Trenton, N.J.	266	296	11.3	15	15
Tucson, Ariz.	266	307	15.5	24	17
Tulsa, Okla.	419	433	3.4	26	-12
Tuscaloosa, Ala.	109	118	8.5	8	1
Tyler, Tex.	86	93	8.2	6	1
Utica-Rome, N.Y.	331	346	4.6	20	-5
Vallejo-Napa, Calif.	200	239	19.4	17	21
Waco, Tex.	150	156	4.2	10	-3
Washington, D.C.-Md.-Va.	<sup>3</sup> 1,989	2,408	21.1	197	222
Waterloo, Iowa	122	124	1.5	11	-9
West Palm Beach, Fla.	228	281	23.3	13	40
Wheeling, W. Va.-Ohio	190	188	-1.4	6	-9
Wichita, Kans.	382	389	1.8	32	-25
Wichita Falls, Tex.	130	130	0.1	11	-11
Wilkes-Barre-Hazleton, Pa.	347	346	-0.3	6	-7
Wilmington, Del.-Md.-N.J.	415	468	12.9	34	20
Wilmington, N.C.	92	95	3.3	6	-3
Winston-Salem, N.C.	189	207	9.2	15	2
York, Pa.	290	307	5.6	18	-1
Youngstown-Warren, Ohio	509	523	2.7	29	-15
STANDARD CONSOLIDATED AREAS					
Chicago, Ill.-Northwestern Indiana <sup>4</sup>	6,794	7,284	7.2	493	-3
New York-Northeastern New Jersey <sup>5</sup>	14,759	15,821	7.2	783	279

See footnotes at end of table.

# No. 15. POPULATION AND COMPONENTS OF POPULATION CHANGE FOR METROPOLITAN AREAS: 1960 AND 1965—Continued

[In thousands, except as indicated]

AREA	POPULATION		Percent change, 1960 to 1965	COMPONENTS OF CHANGE, 1960 TO 1965	
	Apr. 1, 1960	July 1, 1965 <sup>1</sup>		Natural increase	Net mi- gration
NEW ENGLAND METROPOLITAN STATE ECONOMIC AREAS					
Boston, Lawrence-Haverhill, Lowell, Mass.-----	3, 110	3, 205	3. 1	178	-82
Bridgeport, Stamford, Norwalk, Conn.-----	654	746	14. 2	39	53
Brockton, Mass.-----	248	296	19. 1	17	30
Fall River, New Bedford, Mass.-----	398	411	3. 1	18	-6
Hartford, New Britain, Conn.-----	690	765	11. 0	49	27
Lewiston-Auburn, Maine <sup>6</sup> -----	86	91	5. 3	5	-1
Manchester, N.H.-----	178	205	15. 3	12	15
New Haven, Waterbury, Meriden, Conn.-----	660	704	6. 6	38	5
New London-Groton-Norwich, Conn. <sup>6</sup> -----	186	216	16. 1	17	13
Pittsfield, Mass.-----	142	144	1. 5	8	-6
Portland, Maine-----	183	197	7. 7	11	3
Providence-Pawtucket-Warwick, R.I.-----	719	739	2. 8	35	-15
Springfield-Chicopee-Holyoke, Mass.-----	533	550	3. 3	31	-13
Worcester, Fitchburg-Leominster, Mass.-----	583	608	4. 2	32	-8

Z Less than 500 or 0.05 percent. <sup>1</sup> Estimated.

<sup>2</sup> Excludes New England SMSA's; see headnote. <sup>3</sup> Adjusted to exclude 12,520 persons erroneously reported in Fairfax County, Va. <sup>4</sup> Comprises the Chicago and Gary-Hammond-East Chicago SMSA's.

<sup>5</sup> Comprises the New York, Newark, Jersey City, and Paterson-Clifton-Passaic SMSA's and Middlesex and Somerset Counties, N.J.

<sup>6</sup> No equivalent metropolitan SEA; data are for Androscoggin County, Maine, and New London County, Conn., respectively.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 371.

## No. 16. WHITE AND NEGRO POPULATION—BY RESIDENCE: 1960 AND 1966

[In thousands, except percent. 1960 based on enumerated population as of April 1, and includes all members of the Armed Forces resident in the United States. 1966 based on Current Population Survey, as of March, and includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, p. 1. Minus sign (—) denotes decrease]

RACE	Total, both races	RESIDENCE					
		Standard metropolitan statistical areas <sup>1</sup>			Nonmet- ropolitan areas	Nonfarm	Farm
		Total	In central cities	Outside central cities			
1960							
Total .....	177, 687	<sup>2</sup> 111, 886	57, 360	54, 526	<sup>2</sup> 65, 818	164, 329	13, 358
White .....	158, 838	<sup>2</sup> 99, 688	47, 655	52, 033	<sup>2</sup> 59, 144	146, 962	11, 876
Negro .....	18, 849	<sup>2</sup> 12, 198	9, 705	2, 493	<sup>2</sup> 6, 674	17, 367	1, 482
1966							
Total .....	192, 282	123, 773	58, 518	65, 255	68, 509	180, 478	11, 804
White .....	170, 774	108, 983	46, 444	62, 539	61, 791	160, 393	10, 381
Negro .....	21, 508	14, 790	12, 074	2, 716	6, 718	20, 085	1, 423
PERCENT CHANGE, 1960 TO 1966							
Total .....	8. 2	10. 6	2. 0	19. 7	4. 1	9. 8	-11. 6
White .....	7. 5	9. 3	-2. 5	20. 2	4. 5	9. 1	-12. 6
Negro .....	14. 1	21. 2	24. 4	8. 9	0. 7	15. 7	-4. 0

<sup>1</sup> Covers 212 areas as defined in 1960; see text, p. 2.

<sup>2</sup> Based on complete count.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 157.

# NO. 17. CITIES WITH 100,000 INHABITANTS OR MORE IN 1960—POPULATION, 1910 TO 1960, AND AREA, 1960

[Increase from census to census includes that due to annexation of territory as well as to direct growth. "Cities" refers to political subdivisions which are incorporated as cities, boroughs, towns, or villages with the exception that towns are not recognized as incorporated places in New England States, New York, and Wisconsin. Land area figures, generally supplied by city engineers, have been revised to agree with those in the Bureau of the Census, *Area Measurement Reports*, Series GE-20, where available]

CITY	1910	1930	1950	1960					Land area (sq. mi.)	Population per square mile		
				Population			Rank order	Total			Nonwhite	
				Number	Percent							
Akron, Ohio.....	69,067	255,040	274,605	45	290,351	37,894	13.1	54	5,387			
Albany, N.Y.....	100,253	127,412	134,995	93	129,726	10,972	8.5	19	6,828			
Albuquerque, N. Mex.....	11,020	26,570	96,815	59	201,189	5,925	2.9	58	3,457			
Allentown, Pa.....	51,913	92,563	106,756	116	108,347	847	0.8	18	6,156			
Amarillo, Tex.....	9,957	43,132	74,246	88	137,969	8,029	5.8	58	2,383			
Anaheim, Calif.....	2,628	10,995	14,556	123	104,184	712	0.7	25	4,118			
Atlanta, Ga.....	154,839	270,366	331,314	24	487,455	186,820	38.3	136	3,587			
Austin, Tex.....	29,860	53,120	132,459	67	186,545	24,739	13.3	45	4,109			
Baltimore, Md.....	558,485	804,874	949,708	6	939,024	328,416	35.0	78	11,993			
Baton Rouge, La.....	14,897	30,729	125,629	80	152,419	45,603	29.9	31	4,917			
Beaumont, Tex.....	20,640	57,732	94,014	102	119,175	35,004	29.4	69	1,720			
Berkeley, Calif.....	40,434	82,109	113,805	114	111,268	29,187	26.2	10	11,354			
Birmingham, Ala.....	132,685	259,678	326,037	36	340,887	135,267	39.7	63	5,420			
Boston, Mass.....	670,585	781,188	801,444	13	697,197	68,493	9.8	48	14,586			
Bridgeport, Conn.....	102,054	146,716	158,709	79	156,748	15,565	9.9	16	9,858			
Buffalo, N.Y.....	423,715	573,076	580,132	20	532,759	73,388	13.8	39	13,522			
Cambridge, Mass.....	104,839	113,643	120,740	119	107,716	6,787	6.3	6	17,098			
Camden, N.J.....	94,538	118,700	124,555	103	117,159	27,892	23.8	9	13,623			
Canton, Ohio.....	50,217	104,906	116,912	109	113,631	11,147	9.8	14	7,946			
Charlotte, N.C.....	34,014	82,675	134,042	58	201,564	56,471	28.0	65	3,111			
Chattanooga, Tenn.....	44,604	119,798	131,041	92	130,009	43,226	33.2	37	3,552			
Chicago, Ill.....	2,185,283	3,376,438	3,620,962	2	3,550,404	837,656	23.6	224	15,836			
Cincinnati, Ohio.....	363,591	451,160	503,998	21	502,550	109,682	21.8	77	6,501			
Cleveland, Ohio.....	560,663	900,429	914,808	8	876,050	253,108	28.9	81	10,789			
Columbus, Ga.....	20,554	43,131	79,611	104	116,779	31,547	27.0	25	4,598			
Columbus, Ohio.....	181,511	290,564	375,901	28	471,316	78,305	16.6	89	5,296			
Corpus Christi, Tex.....	8,222	27,741	108,287	74	167,690	9,327	5.6	37	4,520			
Dallas, Tex.....	92,104	260,475	434,462	14	679,684	131,211	19.3	254	2,676			
Dayton, Ohio.....	116,577	200,982	243,872	49	262,332	57,547	21.9	34	7,808			
Dearborn, Mich.....	911	50,358	94,994	110	112,007	144	0.1	25	4,427			
Denver, Colo.....	213,381	287,861	415,786	23	493,887	35,261	7.1	68	7,295			
Des Moines, Iowa.....	86,368	142,559	177,965	55	208,982	10,558	5.1	63	3,312			
Detroit, Mich.....	465,766	1,568,662	1,849,568	5	1,670,144	487,174	29.2	140	11,964			
Duluth, Minn.....	78,466	101,463	104,511	122	106,884	1,125	1.1	63	1,707			
Elizabeth, N.J.....	73,409	114,589	112,817	120	107,698	11,880	11.0	12	9,205			
El Paso, Tex.....	39,279	102,421	130,485	46	276,687	7,424	2.7	109	2,536			
Erie, Pa.....	66,525	115,967	130,803	87	138,440	6,745	4.9	19	7,364			
Evansville, Ind.....	69,647	102,249	128,636	86	141,543	9,389	6.6	34	4,127			
Flint, Mich.....	38,550	156,492	163,143	61	196,940	34,812	17.7	30	6,587			
Fort Wayne, Ind.....	63,933	114,946	133,607	78	161,776	11,989	7.4	36	4,544			
Fort Worth, Tex.....	73,312	163,447	278,778	34	356,268	56,922	16.0	138	2,578			
Fresno, Calif.....	24,892	52,513	91,669	90	133,929	13,123	9.8	27	4,960			
Gary, Ind.....	16,802	100,426	133,911	70	178,320	69,340	38.9	41	4,403			
Glendale, Calif.....	2,746	62,736	95,702	101	119,442	574	0.5	29	4,105			
Grand Rapids, Mich.....	112,571	168,592	176,515	71	177,313	14,778	8.3	24	7,267			
Greensboro, N.C.....	15,895	53,569	74,389	99	119,574	31,130	26.0	49	2,460			
Hammond, Ind.....	20,925	64,560	87,594	112	111,698	2,586	2.3	23	4,921			
Hartford, Conn.....	98,915	164,072	177,397	77	162,178	25,151	15.5	17	9,429			
Honolulu, Hawaii.....	52,183	137,582	248,034	43	294,194	213,920	72.7	84	3,506			
Houston, Tex.....	78,800	292,352	596,163	7	938,219	217,672	23.2	321	2,923			
Indianapolis, Ind.....	233,650	364,161	427,173	26	476,258	98,684	20.7	70	6,794			
Jackson, Miss.....	21,262	48,282	98,271	84	144,422	51,629	35.7	47	3,106			
Jacksonville, Fla.....	57,699	129,549	204,517	60	201,030	82,744	41.2	30	6,723			
Jersey City, N.J.....	267,779	316,715	299,017	47	276,101	37,274	13.5	15	18,285			
Kansas City, Kans.....	82,331	121,857	129,553	98	121,901	28,327	23.2	20	6,005			
Kansas City, Mo.....	248,381	399,746	456,622	27	475,539	84,191	17.7	130	3,664			
Knoxville, Tenn.....	36,346	105,802	124,769	111	111,827	20,886	18.7	24	4,718			
Lansing, Mich.....	31,229	78,397	92,129	118	107,807	6,993	6.5	21	5,085			
Lincoln, Nebr.....	43,973	75,933	98,884	95	128,521	2,400	1.9	25	5,060			
Little Rock, Ark.....	45,941	81,679	102,213	117	107,813	25,352	23.5	25	4,313			
Long Beach, Calif.....	17,809	142,032	250,767	35	344,168	14,769	4.3	46	7,564			
Los Angeles, Calif.....	319,198	1,238,048	1,970,358	3	2,479,015	417,207	16.8	455	5,447			
Louisville, Ky.....	223,928	307,745	369,129	31	390,639	70,449	18.0	59	6,599			
Lubbock, Tex.....	1,938	20,520	71,747	94	128,691	10,427	8.1	75	1,709			
Madison, Wis.....	25,531	57,899	96,056	196	126,706	2,388	1.9	36	3,549			
Memphis, Tenn.....	131,105	253,143	396,000	22	497,524	184,725	37.1	129	3,851			
Miami, Fla.....	5,471	110,637	249,276	44	291,688	65,800	22.6	34	8,529			
Milwaukee, Wis.....	373,857	578,249	637,392	11	741,324	65,752	8.9	91	8,137			

See footnotes at end of table.



No. 17. CITIES WITH 100,000 INHABITANTS OR MORE IN 1960—POPULATION, 1910 TO 1960, AND AREA, 1960—Continued

CITY	1910	1930	1950	1960					
				Population				Land area (sq. mi.)	Population per square mile
				Rank order	Total	Nonwhite			
						Number	Percent		
Minneapolis, Minn.	301,408	464,356	521,718	25	482,872	15,594	3.2	57	8,546
Mobile, Ala.	51,521	68,202	129,009	62	<sup>2</sup> 194,856	(NA)	(NA)	154	1,321
Montgomery, Ala.	38,136	66,079	106,525	89	134,393	47,432	35.3	30	4,421
Nashville, Tenn.	110,364	153,866	174,307	73	170,874	64,830	37.9	29	5,933
New Bedford, Mass.	96,652	112,597	109,189	125	102,477	3,333	3.3	19	5,365
New Haven, Conn.	133,605	162,655	164,443	81	152,048	22,665	14.9	18	8,264
New Orleans, La.	339,075	458,762	570,445	15	627,525	234,931	37.4	199	3,157
New York, N.Y. <sup>3</sup>	4,766,883	6,930,446	7,891,957	1	7,781,984	1,141,322	14.7	315	24,697
Bronx Borough	430,980	1,265,258	1,451,277	(X)	1,424,815	168,531	11.8	43	33,135
Brooklyn Borough	1,634,351	2,560,401	2,738,175	(X)	2,627,319	381,460	14.5	76	34,570
Manhattan Borough	2,331,542	1,867,312	1,960,101	(X)	1,698,281	426,459	25.1	22	77,195
Queens Borough	284,041	1,079,129	1,550,849	(X)	1,809,578	154,619	8.5	113	16,014
Richmond Borough	85,969	158,346	191,555	(X)	221,991	10,253	4.6	60	3,700
Newark, N.J.	347,469	442,337	438,776	30	405,220	139,331	34.4	24	16,814
Newport News, Va.	20,205	34,417	42,358	108	113,662	39,060	34.4	68	1,645
Niagara Falls, N.Y.	30,445	75,460	90,872	126	102,394	7,664	7.5	14	7,585
Norfolk, Va.	67,452	129,710	213,513	41	<sup>2</sup> 305,872	80,621	26.4	50	5,848
Oakland, Calif.	150,174	284,063	384,575	33	367,548	97,025	26.4	52	7,041
Oklahoma City, Okla.	64,205	185,389	243,504	37	324,253	42,282	13.0	299	1,086
Omaha, Nebr. <sup>4</sup>	124,096	214,006	251,117	42	301,598	26,268	8.7	51	5,891
Pasadena, Calif.	30,291	76,086	104,577	105	116,407	17,967	15.4	22	5,220
Paterson, N.J.	125,600	138,513	139,336	85	143,663	21,353	14.9	9	16,705
Peoria, Ill.	66,950	104,969	111,856	124	103,162	9,776	9.5	15	6,787
Philadelphia, Pa.	1,549,008	1,950,961	2,071,605	4	2,002,512	535,033	26.7	127	15,743
Phoenix, Ariz.	11,134	48,118	106,818	29	439,170	25,651	5.8	187	2,344
Pittsburgh, Pa.	533,905	669,817	676,806	16	604,332	101,739	16.8	54	11,171
Portland, Oreg.	207,214	301,815	373,628	32	372,676	20,919	5.6	66	5,630
Portsmouth, Va.	33,190	45,704	80,039	106	114,773	39,681	34.6	20	6,521
Providence, R.I.	224,326	252,981	248,674	56	207,498	11,973	5.8	18	11,592
Richmond, Va.	127,628	182,929	230,310	52	219,958	92,331	42.0	39	5,834
Rochester, N.Y.	218,149	328,132	332,488	38	318,611	24,228	7.6	36	8,753
Rockford, Ill.	45,401	85,864	92,927	<sup>1</sup> 96	126,706	5,450	4.3	26	4,873
Sacramento, Calif.	44,696	93,750	137,572	63	191,667	24,296	12.7	45	4,278
St. Louis, Mo.	687,029	821,960	856,796	10	750,026	216,022	28.8	61	12,296
St. Paul, Minn.	214,744	271,606	311,349	40	313,411	9,317	3.0	52	6,004
St. Petersburg, Fla.	4,127	40,425	96,738	69	181,298	24,188	13.3	53	3,434
Salt Lake City, Utah	92,777	140,267	182,121	65	189,454	3,975	2.1	56	3,401
San Antonio, Tex.	96,614	231,542	408,442	17	587,718	43,221	7.4	148	3,966
San Diego, Calif.	39,578	147,995	334,387	18	573,224	44,712	7.8	195	2,944
San Francisco, Calif.	416,912	634,394	775,357	12	740,316	135,913	18.4	45	16,307
San Jose, Calif.	28,946	57,651	95,280	57	204,196	6,793	3.3	56	3,646
Santa Ana, Calif.	8,429	30,322	45,533	130	100,350	2,681	2.7	21	4,801
Savannah, Ga.	65,064	85,024	119,638	82	149,245	53,258	35.7	41	3,631
Scranton, Pa.	129,867	143,433	125,536	113	111,443	763	0.7	25	4,405
Seattle, Wash.	237,194	365,583	467,591	19	557,087	46,528	8.4	82	6,810
Shreveport, La.	28,015	76,655	127,206	76	164,372	56,719	34.5	36	4,566
South Bend, Ind.	53,684	104,193	115,911	91	132,445	13,169	9.9	24	5,542
Spokane, Wash.	104,402	115,514	161,721	68	181,608	4,508	2.5	42	4,293
Springfield, Mass.	88,926	149,900	162,399	72	174,463	13,361	7.7	33	5,271
Syracuse, N.Y.	137,249	209,326	220,583	53	216,038	12,281	5.7	25	8,642
Tacoma, Wash.	83,743	106,817	143,673	83	147,979	7,873	5.3	47	3,135
Tampa, Fla.	37,782	101,161	124,681	48	274,970	46,456	16.9	69	3,985
Toledo, Ohio	168,497	290,718	303,616	39	318,003	40,423	12.7	48	6,598
Topeka, Kans.	43,684	64,120	78,791	100	119,484	9,797	8.2	35	3,453
Torrance, Calif.	(9)	7,271	22,241	128	100,991	1,398	1.4	20	4,951
Trenton, N.J.	96,815	123,356	128,009	107	114,167	25,852	22.6	8	15,222
Tucson, Ariz.	13,193	32,506	45,454	54	212,892	9,278	4.4	71	3,003
Tulsa, Okla.	18,182	141,258	182,740	50	261,685	26,065	10.0	49	5,384
Utica, N.Y.	74,419	101,740	101,531	129	100,410	3,193	3.2	17	5,906
Washington, D.C.	331,069	486,869	802,178	9	763,956	418,693	54.8	61	12,442
Waterbury, Conn.	73,141	99,902	104,477	121	107,130	7,221	6.7	29	3,746
Wichita, Kans.	52,450	111,110	168,279	51	254,698	21,159	8.3	51	5,024
Wichita Falls, Tex.	8,200	43,690	68,042	127	101,724	8,551	8.4	38	2,677
Winston-Salem, N.C.	22,700	75,274	87,811	115	111,135	41,240	37.1	31	3,573
Worcester, Mass.	145,986	195,311	203,486	66	186,587	2,307	1.2	37	5,043
Yonkers, N.Y.	79,803	134,646	152,798	64	190,634	8,052	4.2	18	10,417
Youngstown, Ohio.	79,066	170,002	168,330	75	166,689	31,905	19.1	33	5,021

NA Not available. X Not applicable.

<sup>1</sup> The cities of Madison, Wis., and Rockford, Ill., share the same rank of 96. In order to have the lowest rank equal to the number of cities presented, the number 97 is omitted.

<sup>2</sup> Revised population figure for Mobile is 202,779; for Norfolk, 304,869.

<sup>3</sup> Population shown is for New York City as now constituted.

<sup>4</sup> Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1910: 150,355.

<sup>5</sup> Not incorporated in 1910.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I and *Area Measurement Reports*, Series GE-20.

No. 18. POPULATION, BY SEX, RACE, RESIDENCE, AND MEDIAN AGE: 1790 TO 1960

[In thousands, except median age. For definition of median, see headnote, table 8. See also *Historical Statistics, Colonial Times to 1967*, series A 34-50 and A 86-94]

YEAR	SEX		RACE			RESIDENCE <sup>1</sup>		MEDIAN AGE	
	Male	Female	White	Negro	Other	Urban	Rural	All classes	White
CONTERMINOUS U.S. <sup>2</sup>									
1790.....	(NA)	(NA)	3, 172	757	(NA)	202	3, 728	(NA)	(NA)
1800.....	(NA)	(NA)	4, 306	1, 002	(NA)	322	4, 986	(NA)	16. 0
1810.....	(NA)	(NA)	5, 862	1, 378	(NA)	525	6, 714	(NA)	16. 0
1820.....	4, 897	4, 742	7, 867	1, 772	(NA)	693	8, 945	16. 7	16. 5
1830.....	6, 532	6, 334	10, 537	2, 329	(NA)	1, 127	11, 739	17. 2	17. 2
1840.....	8, 689	8, 381	14, 196	2, 874	(NA)	1, 845	15, 224	17. 8	17. 9
1850.....	11, 838	11, 354	19, 553	3, 639	(NA)	3, 544	19, 648	18. 9	19. 2
1860.....	16, 085	15, 358	26, 923	4, 442	79	6, 217	25, 227	19. 4	19. 7
1870.....	19, 494	19, 065	33, 589	4, 880	89	9, 902	28, 656	20. 2	20. 4
1880.....	25, 519	24, 637	43, 403	6, 581	172	14, 130	36, 026	20. 9	21. 4
1890.....	32, 237	30, 711	55, 101	7, 489	358	22, 106	40, 841	22. 0	22. 5
1900.....	38, 816	37, 178	66, 809	8, 834	351	30, 160	45, 835	22. 9	23. 4
1910.....	47, 332	44, 640	81, 732	9, 828	413	41, 999	49, 973	24. 1	24. 5
1920.....	53, 900	51, 810	94, 821	10, 463	427	54, 158	51, 553	25. 3	25. 6
1930.....	62, 137	60, 638	110, 287	11, 891	597	68, 955	53, 820	26. 4	26. 9
1940.....	66, 062	65, 608	118, 215	12, 866	589	74, 424	57, 246	29. 0	29. 5
1950.....	74, 833	75, 864	134, 942	15, 042	713	96, 468	54, 230	30. 2	30. 8
1960.....	87, 865	90, 600	158, 455	18, 860	1, 149	124, 699	53, 765	29. 6	30. 3
UNITED STATES									
1950.....	75, 187	76, 139	135, 150	15, 045	1, 131	96, 847	54, 479	30. 2	30. 7
1960.....	88, 331	90, 992	158, 832	18, 872	1, 620	125, 269	54, 054	29. 5	30. 3

NA Not available.  
<sup>1</sup> Beginning 1950, current definition. For explanation of change, see p. 1.  
<sup>2</sup> Excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. II; Sixteenth Census Reports, *Population*, Vol. II, Part 1, and Vol. IV, Part 1; *U.S. Census of Population: 1950*, Vol. II, Part 1; and *U.S. Census of Population: 1960*, Vol. I.

No. 19. SEX RATIO OF THE POPULATION, BY AGE GROUPS, 1910 TO 1966, AND BY COLOR, 1966

[Ratio represents number of males per 100 females. Total resident population]

AGE	1910	1920	1930	1940	1950	1960	1966 <sup>1</sup>		
							Total	White	Non-white
All ages.....	<sup>2</sup> 106. 2	<sup>2</sup> 104. 1	<sup>2</sup> 102. 6	100. 8	98. 7	97. 1	96. 0	96. 3	93. 8
Under 15 years.....	102. 2	102. 1	102. 6	103. 0	103. 7	103. 4	103. 7	104. 3	100. 5
15 to 24 years.....	101. 2	96. 9	98. 2	98. 7	97. 8	98. 3	98. 7	99. 0	96. 2
25 to 44 years.....	110. 5	105. 3	101. 0	98. 7	96. 5	95. 7	95. 7	96. 9	86. 6
45 to 64 years.....	114. 7	115. 4	109. 2	105. 3	100. 2	95. 7	93. 1	93. 3	90. 9
65 and over.....	101. 2	101. 5	100. 6	95. 7	89. 7	82. 8	76. 6	76. 0	83. 2

<sup>1</sup> Estimated as of July 1, see text, p. 1.    <sup>2</sup> Includes figures for "age not reported."

Source: Dept. of Commerce, Bureau of the Census; based on *U.S. Census of Population: 1950*, and 1960, Vol. I, and *Current Population Reports*, Series P-25, No. 352.

## No. 20. POPULATION, BY AGE—STATES: 1965 AND 1966

[In thousands. Estimates as of July 1. Total resident population. See p. 1 for basis of estimates]

STATE	1965						1966			
	Total	Under 5 years	5 to 17 years	18 to 44 years	45 to 64 years	65 and over	Total	Under 18 years	18 to 64 years	65 and over
<b>United States</b> .....	193, 795	20, 433	49, 995	66, 232	38, 981	18, 154	195, 857	70, 665	106, 736	18, 457
<b>New England</b> .....	11, 146	1, 136	2, 735	3, 714	2, 369	1, 192	11, 224	3, 886	6, 138	1, 200
Maine.....	986	107	253	319	195	111	983	357	515	111
New Hampshire.....	673	69	170	227	135	73	681	241	367	73
Vermont.....	404	44	105	130	81	45	405	149	212	44
Massachusetts.....	5, 361	547	1, 294	1, 762	1, 155	603	5, 383	1, 844	2, 932	607
Rhode Island.....	891	86	213	305	192	95	898	300	502	96
Connecticut.....	2, 830	283	700	971	610	265	2, 875	996	1, 610	269
<b>Middle Atlantic</b> .....	36, 471	3, 531	8, 708	12, 378	8, 186	3, 668	36, 738	12, 281	20, 726	3, 731
New York.....	18, 106	1, 763	4, 221	6, 175	4, 098	1, 850	18, 258	6, 025	10, 339	1, 893
New Jersey.....	6, 781	666	1, 646	2, 355	1, 485	629	6, 898	2, 342	3, 916	640
Pennsylvania.....	11, 583	1, 102	2, 841	3, 848	2, 603	1, 189	11, 582	3, 913	6, 471	1, 198
<b>East North Central</b> .....	38, 231	4, 056	10, 076	12, 708	7, 793	3, 599	38, 480	14, 143	20, 691	3, 645
Ohio.....	10, 241	1, 062	2, 723	3, 453	2, 056	948	10, 305	3, 779	5, 569	957
Indiana.....	4, 893	527	1, 293	1, 642	964	467	4, 918	1, 818	2, 629	471
Illinois.....	10, 641	1, 120	2, 664	3, 522	2, 290	1, 044	10, 722	3, 802	5, 861	1, 059
Michigan.....	8, 317	895	2, 293	2, 783	1, 645	701	8, 374	3, 190	4, 471	713
Wisconsin.....	4, 140	452	1, 104	1, 308	837	439	4, 161	1, 555	2, 162	445
<b>West North Central</b> .....	15, 858	1, 668	4, 122	5, 034	3, 211	1, 823	15, 869	5, 747	8, 286	1, 837
Minnesota.....	3, 562	395	970	1, 110	699	387	3, 576	1, 360	1, 824	391
Iowa.....	2, 758	285	715	850	565	343	2, 747	986	1, 417	345
Missouri.....	4, 492	451	1, 109	1, 455	952	525	4, 508	1, 554	2, 425	529
North Dakota.....	652	74	182	210	125	62	650	252	335	62
South Dakota.....	686	79	189	209	132	77	682	265	340	78
Nebraska.....	1, 459	158	375	461	291	174	1, 456	529	752	175
Kansas.....	2, 248	226	583	738	447	254	2, 250	800	1, 192	257
<b>South Atlantic</b> .....	28, 748	3, 116	7, 547	10, 276	5, 380	2, 429	29, 220	10, 717	16, 015	2, 488
Delaware.....	503	57	135	176	95	39	512	195	277	40
Maryland.....	3, 534	963	935	1, 274	682	255	3, 613	1, 344	2, 009	261
Dist. of Columbia.....	802		173	282	178	72	808	276	460	73
Virginia.....	4, 420	176	1, 156	1, 650	817	320	4, 507	1, 643	2, 537	326
West Virginia.....	1, 815		479	595	383	182	1, 794	636	975	183
North Carolina.....	4, 935	536	1, 329	1, 818	898	354	5, 000	1, 856	2, 782	362
South Carolina.....	2, 550	296	730	924	432	169	2, 586	1, 020	1, 393	172
Georgia.....	4, 391	503	1, 191	1, 582	795	319	4, 459	1, 703	2, 428	327
Florida.....	5, 796	585	1, 419	1, 974	1, 099	719	5, 941	2, 045	3, 154	743
<b>East South Central</b> .....	12, 819	1, 393	3, 469	4, 391	2, 436	1, 130	12, 910	4, 833	6, 928	1, 148
Kentucky.....	3, 173	339	840	1, 077	608	310	3, 183	1, 167	1, 703	314
Tennessee.....	3, 850	396	998	1, 365	755	336	3, 883	1, 390	2, 150	342
Alabama.....	3, 486	382	963	1, 201	658	284	3, 517	1, 336	1, 892	289
Mississippi.....	2, 309	277	668	748	415	201	2, 327	940	1, 183	204
<b>West South Central</b> .....	18, 540	2, 088	4, 990	6, 377	3, 492	1, 594	18, 768	7, 110	10, 026	1, 632
Arkansas.....	1, 941	214	502	628	388	208	1, 955	714	1, 029	211
Louisiana.....	3, 560	431	1, 017	1, 209	640	264	3, 603	1, 454	1, 879	270
Oklahoma.....	2, 448	244	605	830	502	268	2, 458	843	1, 343	272
Texas.....	10, 591	1, 200	2, 866	3, 710	1, 962	854	10, 752	4, 099	5, 774	878
<b>Mountain</b> .....	7, 693	912	2, 163	2, 653	1, 367	598	7, 804	3, 094	4, 099	611
Montana.....	703	78	195	227	137	66	702	271	365	67
Idaho.....	693	75	196	224	134	63	694	268	361	64
Wyoming.....	330	37	91	108	65	29	329	126	174	29
Colorado.....	1, 949	212	524	684	359	170	1, 977	739	1, 066	172
New Mexico.....	1, 014	140	307	344	163	60	1, 022	446	514	62
Arizona.....	1, 575	194	438	556	268	118	1, 618	646	849	123
Utah.....	994	125	301	340	161	68	1, 008	428	510	70
Nevada.....	434	51	110	171	79	23	454	170	260	24
<b>Pacific</b> .....	24, 290	2, 533	6, 184	8, 702	4, 749	2, 122	24, 843	8, 853	13, 827	2, 163
Washington.....	2, 973	299	774	990	612	298	2, 980	1, 062	1, 618	301
Oregon.....	1, 938	180	500	647	409	203	1, 955	678	1, 071	206
California.....	18, 403	1, 929	4, 637	6, 683	3, 575	1, 579	18, 918	6, 708	10, 599	1, 611
Alaska.....	267	38	77	108	36	6	272	119	146	7
Hawaii.....	710	86	197	274	116	36	718	286	394	38

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 354.



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Population

No. 21. POPULATION, BY SEX AND MEDIAN AGE—STATES AND PUERTO RICO: 1960

[In thousands, except rate and median age. For definition of median, see headnote, table 8]

STATE OR OTHER AREA	SEX			Median age (years)	STATE OR OTHER AREA	SEX			Median age (years)
	Male	Female	Males per 100 females			Male	Female	Males per 100 females	
United States.....	88,331	90,992	97.1	29.5	South Atlantic—Continued				
New England.....	5,121	5,388	95.0	31.6	West Virginia.....	915	945	96.8	28.5
Maine.....	479	400	97.7	29.5	North Carolina.....	2,247	2,309	97.3	25.5
New Hampshire.....	298	309	96.5	31.0	South Carolina.....	1,176	1,207	97.4	23.4
Vermont.....	192	198	96.8	29.3	Georgia.....	1,926	2,017	95.5	25.9
Massachusetts.....	2,486	2,662	93.4	32.1	Florida.....	2,437	2,515	96.9	31.2
Rhode Island.....	422	438	96.4	31.9	E. South Central.....	5,909	6,141	96.2	26.7
Connecticut.....	1,244	1,291	96.4	31.8	Kentucky.....	1,508	1,530	98.6	27.6
Middle Atlantic.....	16,605	17,563	94.5	32.6	Tennessee.....	1,741	1,826	95.3	28.0
New York.....	8,123	8,659	93.8	33.1	Alabama.....	1,592	1,675	95.0	26.0
New Jersey.....	2,972	3,095	96.0	32.4	Mississippi.....	1,068	1,110	96.2	24.2
Pennsylvania.....	5,510	5,810	94.8	32.0	W. South Central.....	8,364	8,587	97.4	27.2
E. North Central.....	17,863	18,362	97.3	29.6	Arkansas.....	879	907	96.9	29.0
Ohio.....	4,764	4,942	96.4	29.5	Louisiana.....	1,592	1,665	95.6	25.3
Indiana.....	2,299	2,364	97.2	28.9	Oklahoma.....	1,148	1,180	97.2	30.0
Illinois.....	4,953	5,128	96.6	31.2	Texas.....	4,745	4,835	98.1	27.0
Michigan.....	3,883	3,940	98.5	28.3	Mountain.....	3,449	3,406	101.2	25.9
Wisconsin.....	1,965	1,987	98.9	29.4	Montana.....	344	331	103.8	27.6
W. North Central.....	7,609	7,785	97.7	30.0	Idaho.....	338	329	102.9	26.0
Minnesota.....	1,693	1,721	98.4	28.6	Wyoming.....	169	161	104.9	27.3
Iowa.....	1,359	1,398	97.2	30.3	Colorado.....	870	883	98.5	27.9
Missouri.....	2,108	2,212	95.3	31.6	New Mexico.....	480	471	101.8	22.8
North Dakota.....	323	309	104.5	26.2	Arizona.....	655	647	101.2	25.7
South Dakota.....	344	336	102.4	27.7	Utah.....	445	446	99.8	22.9
Nebraska.....	700	711	98.4	30.2	Nevada.....	148	138	107.1	29.5
Kansas.....	1,081	1,097	98.6	29.9	Pacific.....	10,619	10,579	100.4	29.7
South Atlantic.....	12,792	13,179	97.1	27.5	Washington.....	1,435	1,418	101.2	29.6
Delaware.....	221	225	98.2	28.7	Oregon.....	880	889	99.0	30.8
Maryland.....	1,533	1,567	97.8	28.7	California.....	7,837	7,880	99.4	30.0
Dist. of Columbia.....	358	406	88.3	32.2	Alaska.....	129	97	132.3	23.3
Virginia.....	1,979	1,988	99.6	27.1	Hawaii.....	338	295	114.8	24.3
					Puerto Rico.....	1,163	1,187	98.0	18.5

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

No. 22. POPULATION, BY AGE, 1930 TO 1960, AND BY RACE, 1950 AND 1960

[In thousands. For definition of median, see headnote, table 8. See also *Historical Statistics, Colonial Times to 1957*, series A 71-94]

AGE (in years)	1930	1940	1950				1960			
			Total	White	Nonwhite		Total	White	Nonwhite	
					Total	Negro <sup>1</sup>			Total	Negro <sup>1</sup>
Total.....	123,203	132,165	151,326	135,150	16,176	15,045	179,323	158,832	20,491	18,849
Under 5.....	11,499	10,589	16,243	14,207	2,036	1,884	20,321	17,359	2,962	2,722
5 to 14.....	24,709	22,535	24,429	21,315	3,115	2,888	35,465	30,727	4,739	4,364
15 to 24.....	22,507	24,032	22,220	19,552	2,668	2,462	24,020	21,079	2,941	2,709
25 to 34.....	19,026	21,428	23,878	21,330	2,549	2,366	22,818	20,145	2,674	2,406
35 to 44.....	17,248	18,393	21,535	19,281	2,253	2,116	24,081	21,564	2,517	2,308
45 to 54.....	13,055	15,553	17,398	15,724	1,674	1,568	20,485	18,479	2,006	1,865
55 to 64.....	8,418	10,598	13,327	12,359	967	902	15,572	14,177	1,396	1,308
65 to 74.....	4,729	6,389	8,432	7,773	660	621	10,997	10,130	867	811
75 and over.....	1,916	2,647	3,862	3,609	253	238	5,563	5,174	389	356
Not reported.....	94	(Z)	—	—	—	—	—	—	—	—
Median age.....	26.4	29.0	30.2	30.7	26.0	26.2	29.5	30.3	23.5	23.5

- Represents zero. Z Less than 500. <sup>1</sup> Based on sample; 1950 excludes Alaska and Hawaii.  
Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. IV, Part 3; *1960*, Vol. I, and PC(2)-1C.

## No. 23. POPULATION, URBAN AND RURAL, BY COLOR: 1950 AND 1960

[In thousands, except percent. An urbanized area comprises at least 1 city of 50,000 inhabitants (central city) plus contiguous, closely settled areas (urban fringe)]

YEAR AND AREA	Total	White	Nonwhite	PERCENT DISTRIBUTION		
				Total	White	Nonwhite
1950.....	151,326	135,150	16,176	100.0	100.0	100.0
Urban.....	96,847	86,864	9,983	64.0	64.3	61.7
Urbanized areas.....	69,249	61,925	7,324	45.8	45.8	45.3
Central cities.....	48,377	42,042	6,335	32.0	31.1	39.2
Urban fringe.....	20,872	19,883	989	13.8	14.7	6.1
Other urban.....	27,598	24,939	2,659	18.2	18.5	16.4
Rural.....	54,479	48,286	6,193	36.0	35.7	38.3
1960.....	179,323	158,832	20,491	100.0	100.0	100.0
Urban.....	125,269	110,428	14,840	69.9	69.5	72.4
Urbanized areas.....	95,848	83,770	12,079	53.5	52.7	58.9
Central cities.....	57,975	47,627	10,348	32.3	30.0	50.5
Urban fringe.....	37,873	36,143	1,731	21.1	22.8	8.4
Other urban.....	29,420	26,658	2,762	16.4	16.8	13.5
Rural.....	54,054	48,403	5,651	30.1	30.5	27.6

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 24. WHITE AND NEGRO POPULATION—PERCENT DISTRIBUTION BY SELECTED CHARACTERISTICS: 1966

[As of March. Based on Current Population Survey; see text, p. 1. For definition of median, see headnote, table 8]

CHARACTERISTIC	WHITE			NEGRO				
	Total	Male	Female	Total	By sex		By region <sup>1</sup>	
					Male	Female	North and West	South
<b>Total population</b> .....1,000..	170,774	83,302	87,472	21,508	10,355	11,153	(NA)	(NA)
Nonfarm.....1,000..	160,393	77,970	82,423	20,085	9,637	10,448	(NA)	(NA)
Farm.....1,000..	10,381	5,332	5,049	1,423	718	705	(NA)	(NA)
<b>AGE</b>								
<b>Percent, all ages</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.9	10.3	9.4	14.0	14.9	13.3	13.7	14.4
5 to 13 years.....	18.2	19.0	17.4	22.8	23.7	21.9	22.7	22.8
14 to 24 years.....	17.2	17.2	17.3	18.5	18.5	18.5	17.7	19.1
25 to 34 years.....	11.4	11.4	11.3	11.2	10.7	11.6	13.0	9.6
35 to 44 years.....	12.6	12.6	12.5	11.2	10.7	11.6	12.4	10.2
45 to 54 years.....	11.7	11.7	11.7	9.3	9.1	9.6	9.6	9.1
55 to 64 years.....	9.1	8.9	9.3	6.8	6.7	6.9	6.1	7.4
65 years and over.....	9.9	8.8	11.0	6.2	5.8	6.6	4.9	7.3
Under 18 years.....	35.2	36.8	33.7	45.1	47.2	43.2	44.0	46.0
18 years and over.....	64.8	63.2	66.3	54.9	52.8	56.8	56.0	54.0
Median age.....years..	29.1	28.0	30.1	21.1	19.6	22.4	22.1	20.1
<b>MARITAL STATUS</b>								
<b>Percent, 14 years old and over</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	23.1	26.1	20.4	28.4	33.1	24.2	26.6	29.8
Married.....	66.5	68.9	64.3	58.4	59.1	57.9	60.2	56.9
Spouse present.....	63.9	66.7	61.3	48.1	51.6	45.0	48.3	47.9
Spouse absent.....	2.7	2.2	3.1	10.3	7.5	12.9	11.9	9.0
Separated.....	1.3	1.0	1.5	7.2	5.2	9.0	8.2	6.3
Other.....	1.4	1.2	1.6	3.1	2.3	3.9	3.7	2.6
Widowed.....	7.8	2.9	12.2	9.4	4.3	14.0	8.2	10.4
Divorced.....	2.6	2.1	3.0	3.8	3.6	3.9	4.9	2.8
<b>TYPE OF FAMILY</b>								
<b>Percent, all heads of families</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Husband-wife.....	88.8	97.5	(X)	71.5	95.2	(X)	71.9	71.1
Other male head.....	2.3	2.5	(X)	3.6	4.8	(X)	3.0	4.2
Female head.....	8.9	(X)	100.0	24.9	(X)	100.0	25.1	24.7

NA Not available. X Not applicable. <sup>1</sup> For composition of regions, see fig. I, p. xii.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 157, and unpublished data.

No. 25. POPULATION, BY RACE, NATIVITY, AND SEX, 1930 TO 1960, AND URBAN AND RURAL, 1950 AND 1960

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Parentage data for 1940 and 1950, and all data for 1960, based on sample and do not necessarily add to totals, which are derived from different tabulations. For complete census count, see tables 26 and 28. See also *Historical Statistics, Colonial Times to 1957*, series A 34-70]

RACE AND SEX	1930	1940	1950			1960		
			Total	Urban <sup>1</sup>	Rural <sup>1</sup>	Total	Urban <sup>1</sup>	Rural <sup>1</sup>
<b>Total</b> .....	122,775	131,669	150,216	96,161	54,056	179,326	125,284	54,042
Native.....	108,571	120,074	139,869	(NA)	(NA)	169,588	116,774	52,814
Foreign born.....	14,204	11,595	10,347	(NA)	(NA)	9,738	8,510	1,228
White.....	110,287	118,215	134,942	86,756	48,186	158,838	110,443	48,395
Native.....	96,303	106,796	124,781	78,268	46,513	149,544	102,312	47,232
Native parentage.....	70,401	84,125	100,805	59,216	41,589	125,759	82,798	42,961
Foreign parentage.....	17,408	15,184	14,816	12,174	2,642	23,784	19,514	4,271
Mixed parentage.....	8,495	7,974	8,763	6,628	2,135			
Foreign born.....	13,983	11,419	10,161	8,489	1,672	9,294	8,131	1,163
Negro.....	11,891	12,866	15,042	9,393	5,650	18,849	13,792	5,057
Other races.....	597	589	713	319	394	1,639	1,049	590
<b>Male</b> .....	62,137	66,062	74,200	46,540	27,660	88,303	60,719	27,584
Native.....	54,490	59,940	68,942	(NA)	(NA)	83,543	56,604	26,938
Foreign born.....	7,647	6,122	5,258	(NA)	(NA)	4,760	4,114	646
White.....	55,923	59,449	67,129	42,250	24,879	78,348	53,622	24,725
Native.....	48,420	53,438	61,953	37,994	23,958	73,840	49,719	24,121
Foreign born.....	7,502	6,011	5,176	4,256	921	4,508	3,903	604
Negro.....	5,856	6,269	7,299	4,450	2,849	9,098	6,546	2,552
Other races.....	359	344	405	192	213	858	551	307
Indian.....	170	171	179	30	149	274	81	193
Japanese.....	82	72	77	53	23	229	187	42
Chinese.....	60	57	77	72	5	135	129	6
Filipino.....	42	40	46	30	17	114	82	32
All other <sup>2</sup> .....	5	4	27	7	20	105	72	33
<b>Female</b> .....	60,638	65,608	76,016	49,621	26,395	91,022	64,565	26,458
Native.....	54,081	60,134	70,927	(NA)	(NA)	86,045	60,169	25,876
Foreign born.....	6,557	5,473	5,089	(NA)	(NA)	4,978	4,396	582
White.....	54,364	58,766	67,813	44,507	23,306	80,490	56,820	23,670
Native.....	47,883	53,358	62,828	40,273	22,555	75,703	52,593	23,111
Foreign born.....	6,481	5,408	4,985	4,233	751	4,786	4,228	559
Negro.....	6,035	6,596	7,744	4,943	2,801	9,751	7,246	2,505
Other races.....	238	245	308	127	181	782	499	283
Indian.....	162	163	165	26	139	273	85	188
Japanese.....	57	55	65	47	18	244	199	45
Chinese.....	15	20	41	38	3	101	96	4
Filipino.....	3	6	16	11	4	67	52	15
All other <sup>2</sup> .....	1	1	22	4	18	97	66	31

NA Not available. <sup>1</sup> Based on current urban definition, see text, p. 2.

<sup>2</sup> Asian Indians, Koreans, Polynesians, Indonesians, Hawaiians, Aleuts, Eskimos, and other races.

Source: Dept. of Commerce, Bureau of the Census; 1940 *Census of Population*, Vol. II, Part 1; U.S. *Census of Population: 1950*, Vol. II, Part 1, and Vol. IV, Part 3; and U.S. *Census of Population: 1960*, Vol. I.

No. 26. POPULATION OF NONWHITE RACES, EXCLUDING NEGRO, BY STATES: 1960

STATE	Indian	Japa- nese	Chinese	Filipino	All other <sup>1</sup>	STATE	Indian	Japa- nese	Chinese	Filipino	All other <sup>1</sup>
<b>U.S.</b> .....	523,591	464,332	237,292	176,310	218,087	Mo......	1,723	1,473	954	719	1,124
Ala......	1,276	500	288	127	669	Mont......	21,181	589	240	253	299
Alaska.....	14,444	818	137	814	28,637	Nebr......	5,545	905	290	123	441
Ariz......	83,387	1,501	2,936	943	474	Nev......	6,681	544	572	286	268
Ark......	580	237	676	83	206	N.H......	135	207	152	41	149
Calif......	39,014	157,317	95,600	65,459	20,723	N.J......	1,699	3,514	3,813	1,451	2,427
Colo......	4,288	6,846	724	605	792	N. Mex......	56,255	930	362	192	458
Conn......	923	653	865	726	802	N.Y......	16,491	8,702	37,573	5,403	9,553
Del......	597	152	191	67	270	N.C......	38,129	1,265	404	343	708
D.C......	587	900	2,632	1,158	1,679	N. Dak......	11,736	127	100	47	121
Fla......	2,504	1,315	1,023	1,361	1,290	Ohio.....	1,910	3,135	2,507	943	2,107
Ga......	749	885	686	433	544	Okla......	64,689	749	398	267	1,197
Hawaii.....	472	203,455	38,197	69,070	114,405	Oreg......	8,026	5,016	2,995	1,109	1,371
Idaho.....	5,231	2,254	311	193	317	Pa......	2,122	2,348	3,741	1,640	2,761
Ill......	4,704	14,074	7,047	3,587	4,024	R.I......	932	192	574	424	322
Ind......	948	1,093	952	402	1,274	S.C......	1,098	460	158	328	237
Iowa.....	1,708	599	423	167	577	S. Dak......	25,794	188	89	59	172
Kans......	5,069	1,362	537	372	1,160	Tenn......	638	507	487	249	579
Ky......	391	774	288	236	435	Texas......	5,750	4,053	4,172	1,623	2,123
La......	3,587	519	731	754	509	Utah.....	6,961	4,371	629	207	483
Maine.....	1,879	343	123	131	180	Vt......	57	79	68	25	41
Md......	1,538	1,842	2,188	1,670	1,122	Va......	2,155	1,733	1,135	1,857	1,368
Mass......	2,118	1,924	6,745	809	1,996	Wash......	21,076	16,652	5,491	7,110	2,472
Mich......	9,701	3,211	3,234	1,134	2,468	W. Va......	181	176	138	105	310
Minn......	15,496	1,726	1,270	646	860	Wis......	14,297	1,425	1,010	401	1,195
Miss......	3,119	178	1,244	59	252	Wyo......	4,020	514	192	99	136

<sup>1</sup> See footnote 2, table 25.

Source: Dept. of Commerce, Bureau of the Census; U.S. *Census of Population: 1960*, Vol. I.



## No. 27. POPULATION, BY RACE—STATES: 1940 TO 1960

STATE	1940			1950			1960			
	White	Negro	Other races	White	Negro	Other races	White	Negro		Other races
								Number	Percent of all classes	
U.S. ....	118,357,831	12,865,914	941,384	135,149,629	15,044,937	1,131,232	158,831,732	18,871,831	10.5	1,619,612
N.E. ....	8,329,146	101,509	6,635	9,161,156	142,941	10,356	10,242,389	243,363	2.3	23,615
Maine.....	844,543	1,304	1,379	910,846	1,221	1,707	963,291	3,318	0.3	2,656
N.H.....	490,989	414	121	532,275	731	236	604,334	1,903	0.3	684
Vt.....	358,806	384	41	377,188	443	116	389,092	519	0.1	270
Mass.....	4,257,596	55,391	3,734	4,611,503	73,171	5,840	5,023,144	111,842	2.2	13,592
R.I.....	701,805	11,024	517	777,015	13,903	978	838,712	18,332	2.1	2,444
Conn.....	1,675,407	32,992	843	1,952,329	53,472	1,479	2,423,816	107,449	4.2	3,969
M.A. ....	26,237,622	1,268,366	33,499	28,237,528	1,875,241	50,764	31,280,078	2,785,136	8.2	103,238
N.Y.....	12,879,546	571,221	28,375	13,872,095	918,191	39,906	15,287,071	1,417,511	8.4	77,722
N.J.....	3,931,087	226,973	2,105	4,511,585	318,565	5,179	5,539,003	514,875	8.5	12,904
Pa.....	9,426,989	470,172	3,019	9,853,848	638,485	5,679	10,454,004	852,750	7.5	12,612
E.N.C. ....	25,528,451	1,069,326	28,565	28,543,307	1,803,698	52,363	33,253,272	2,884,969	8.0	86,783
Ohio.....	6,566,531	339,461	1,620	7,428,222	513,072	5,333	8,909,698	786,097	8.1	10,602
Ind.....	3,305,323	121,916	557	3,758,512	174,168	1,544	4,388,554	269,275	5.8	4,669
Ill.....	7,504,202	387,446	5,593	8,046,058	645,980	20,138	9,010,252	1,037,470	10.3	33,436
Mich.....	5,039,643	268,345	8,118	5,917,825	442,296	11,645	7,085,865	717,581	9.2	19,748
Wis.....	3,112,752	12,158	12,677	3,392,690	28,182	13,703	3,858,903	74,546	1.9	18,328
W.N.C. ....	13,111,519	350,992	54,479	13,576,077	424,178	61,139	14,749,345	561,068	3.6	83,702
Minn.....	2,768,982	9,928	13,390	2,953,697	14,022	14,764	3,371,603	22,263	0.7	19,998
Iowa.....	2,520,691	16,694	883	2,599,546	19,692	1,835	2,728,709	25,354	0.9	3,474
Mo.....	3,539,187	244,386	1,091	3,655,593	297,088	1,972	3,922,967	390,853	9.0	5,993
N. Dak....	631,464	201	10,270	608,448	257	10,931	619,538	777	0.1	12,131
S. Dak....	619,075	474	23,412	628,504	727	23,509	653,098	1,114	0.2	26,302
Nebr.....	1,297,624	14,171	4,039	1,301,328	19,234	4,948	1,374,764	29,262	2.1	7,304
Kans.....	1,734,496	65,138	1,394	1,828,961	73,158	3,180	2,078,666	91,445	4.2	8,500
S.A. ....	13,095,227	4,698,863	29,061	16,041,709	5,094,744	45,882	20,047,496	5,844,565	22.5	79,671
Del.....	230,528	35,876	101	273,878	43,598	609	384,327	60,688	13.6	1,277
Md.....	1,518,481	301,931	832	1,954,975	385,972	2,054	2,573,919	518,410	16.7	8,360
D.C.....	474,326	197,266	1,499	517,865	280,803	3,510	345,263	411,737	53.9	6,956
Va.....	2,015,583	661,449	741	2,581,555	734,211	2,914	3,142,443	816,258	20.6	8,248
W. Va....	1,784,102	117,754	118	1,890,282	114,867	403	1,707,133	89,378	4.8	910
N.C.....	2,567,635	981,298	22,690	2,983,121	1,047,353	31,455	3,399,285	1,116,021	24.5	40,849
S.C.....	1,084,308	814,164	1,332	1,293,405	822,077	1,545	1,551,022	829,291	34.8	2,281
Ga.....	2,038,278	1,084,927	518	2,380,577	1,062,762	1,239	2,817,223	1,122,596	28.5	3,297
Fla.....	1,381,986	514,198	1,230	2,166,051	603,101	2,153	4,063,881	880,186	17.8	7,493
E.S.C. ....	7,993,755	2,780,635	3,835	8,770,570	2,698,635	7,976	9,338,991	2,698,839	22.4	12,296
Ky.....	2,631,425	214,031	171	2,742,090	201,921	795	2,820,083	215,949	7.1	2,124
Tenn.....	2,406,906	508,736	199	2,760,257	530,603	858	2,977,753	586,876	16.5	2,460
Ala.....	1,849,097	983,290	574	2,079,591	979,617	2,525	2,283,609	980,271	30.0	2,860
Miss.....	1,106,327	1,074,578	2,891	1,188,632	986,494	3,788	1,257,546	915,743	42.0	4,852
W.S.C. ....	10,569,596	2,425,121	69,808	12,037,250	2,432,028	68,294	14,090,149	2,768,203	16.3	92,903
Ark.....	1,466,084	482,578	725	1,481,507	426,639	1,365	1,395,703	388,787	21.8	1,782
La.....	1,511,739	849,303	2,838	1,796,683	882,428	4,405	2,211,715	1,039,207	31.9	6,100
Okla.....	2,104,228	168,849	63,357	2,032,526	145,503	55,322	2,107,900	153,084	6.6	67,300
Tex.....	5,487,545	924,391	2,888	6,726,534	977,458	7,202	8,374,831	1,187,125	12.4	17,721
Mt. ....	3,978,913	36,411	134,679	4,845,634	66,429	162,935	6,514,294	123,242	1.8	217,524
Mont.....	540,468	1,120	17,868	572,038	1,232	17,754	650,738	1,467	0.2	22,562
Idaho.....	519,292	595	4,986	581,395	1,050	6,192	657,383	1,502	0.2	8,306
Wyo.....	246,597	956	3,189	284,009	2,557	3,963	322,922	2,183	0.7	4,961
Colo.....	1,106,602	12,176	4,618	1,296,653	20,177	8,256	1,700,700	39,992	2.3	13,255
N. Mex....	492,312	4,672	34,834	630,211	8,408	42,568	875,763	17,063	1.8	58,197
Ariz.....	426,792	14,993	57,476	654,511	25,974	69,102	1,169,517	43,403	3.3	89,241
Utah.....	542,920	1,235	6,155	676,909	2,729	9,224	873,828	4,148	0.5	12,651
Nev.....	104,030	664	5,553	149,908	4,302	5,873	263,443	13,484	4.7	8,351
Pac. ....	9,513,602	134,691	580,823	13,936,398	507,043	671,522	19,315,718	962,446	4.5	919,880
Wash.....	1,698,147	7,424	30,620	2,316,496	30,691	31,776	2,751,675	48,738	1.7	52,801
Oreg.....	1,075,731	2,565	11,388	1,497,128	11,529	12,684	1,732,037	18,133	1.0	18,517
Calif.....	6,596,763	124,306	186,318	9,915,173	462,172	208,878	14,455,230	883,861	5.6	378,113
Alaska....	39,170	141	33,213	92,808	(1)	35,835	174,546	6,771	3.0	44,850
Hawaii....	103,791	255	319,284	114,793	2,651	382,350	202,230	4,943	0.8	425,599

<sup>1</sup> Not identified separately.

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, *Population*, Vol. II, *U.S. Census of Population: 1950*, Vol. II, Part 1, and *U.S. Census of Population: 1960*, Vol. I.

## No. 28. POPULATION, BY RACE AND SEX—STATES: 1960

STATE	WHITE			NONWHITE					
	Male	Female	Males per 100 fe- males	Negro			Other races		
				Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males
<b>United States</b> .....	78,367,149	80,464,583	97.4	9,113,408	9,758,423	93.4	850,937	768,675	110.7
<b>New England</b> .....	4,988,530	5,253,859	94.9	119,802	123,561	97.0	12,881	10,734	120.0
Maine.....	475,682	487,609	97.6	2,045	1,273	160.6	1,327	1,329	99.8
New Hampshire.....	296,662	307,672	96.4	1,098	805	136.4	347	337	103.0
Vermont.....	191,321	197,771	96.7	289	230	125.7	133	137	97.1
Massachusetts.....	2,423,947	2,599,197	93.3	54,748	57,094	95.9	7,540	6,052	124.6
Rhode Island.....	411,265	427,447	96.2	9,228	9,104	101.4	1,352	1,092	123.8
Connecticut.....	1,189,653	1,234,163	96.4	52,394	55,055	95.2	2,182	1,787	122.1
<b>Middle Atlantic</b> .....	15,232,755	16,047,323	94.9	1,314,789	1,470,347	89.4	57,537	45,701	125.9
New York.....	7,421,364	7,865,707	94.4	657,534	759,977	86.5	44,341	33,381	132.8
New Jersey.....	2,717,512	2,821,491	96.3	247,933	266,942	92.9	6,546	6,358	103.0
Pennsylvania.....	5,093,879	5,360,125	95.0	409,322	443,428	92.3	6,560	5,962	111.5
<b>East North Central</b> .....	16,415,943	16,837,329	97.5	1,401,295	1,483,674	94.4	45,974	40,809	112.7
Ohio.....	4,376,126	4,533,572	96.5	382,627	403,470	94.8	5,475	5,127	106.8
Indiana.....	2,165,509	2,223,045	97.4	130,725	138,550	94.4	2,504	2,165	115.7
Illinois.....	4,435,687	4,574,565	97.0	498,884	538,586	92.6	18,295	15,141	120.8
Michigan.....	3,520,422	3,565,443	98.7	352,142	365,439	96.4	10,304	9,444	109.1
Wisconsin.....	1,918,199	1,940,704	98.8	36,917	37,629	98.1	9,396	8,932	105.2
<b>West North Central</b> .....	7,294,887	7,454,458	97.9	271,885	289,183	94.0	42,398	41,304	102.6
Minnesota.....	1,671,493	1,700,110	98.3	11,217	11,046	101.5	10,252	9,746	105.2
Iowa.....	1,344,933	1,383,776	97.2	12,373	12,981	95.3	1,741	1,733	100.5
Missouri.....	1,918,378	2,004,589	95.7	186,742	204,111	91.5	3,159	2,834	111.5
North Dakota.....	316,637	302,901	104.5	492	285	172.6	6,079	6,052	100.4
South Dakota.....	330,434	322,664	102.4	667	447	149.2	13,170	13,132	100.3
Nebraska.....	681,603	693,161	98.3	14,651	14,611	100.3	3,772	3,532	106.8
Kansas.....	1,031,409	1,047,257	98.5	45,743	45,702	100.1	4,225	4,275	98.8
<b>South Atlantic</b> .....	9,916,950	10,130,546	97.9	2,834,653	3,009,912	94.2	40,894	38,777	105.5
Delaware.....	190,186	194,141	98.0	30,311	30,377	99.8	639	638	100.2
Maryland.....	1,273,444	1,300,475	97.9	255,316	263,094	97.0	4,440	3,920	113.3
District of Colum- bia.....	158,124	187,139	84.5	196,257	215,480	91.1	3,790	3,166	119.7
Virginia.....	1,571,139	1,571,304	100.0	403,858	412,400	97.9	4,375	3,873	113.0
West Virginia.....	871,178	898,955	96.9	43,369	46,009	94.3	488	422	115.6
North Carolina.....	1,684,797	1,714,488	98.3	541,995	574,026	94.4	20,277	20,572	98.6
South Carolina.....	775,754	775,268	100.1	398,931	430,360	92.7	1,133	1,148	98.7
Georgia.....	1,391,735	1,425,488	97.6	532,509	590,087	90.2	1,669	1,628	102.5
Florida.....	2,000,593	2,063,288	97.0	432,107	448,079	96.4	4,083	3,410	119.7
<b>East South Central</b> .....	4,610,484	4,728,507	97.5	1,292,182	1,406,657	91.9	6,114	6,182	98.9
Kentucky.....	1,401,904	1,418,179	98.9	105,547	110,402	95.6	997	1,127	88.5
Tennessee.....	1,459,508	1,518,245	96.1	279,935	306,941	91.2	1,247	1,213	102.8
Alabama.....	1,124,061	1,159,548	96.9	466,206	514,065	90.7	1,442	1,418	101.7
Mississippi.....	625,011	632,535	98.8	440,494	475,249	92.7	2,428	2,424	100.2
<b>West South Central</b> .....	6,981,780	7,108,369	98.2	1,335,945	1,432,258	93.3	46,348	46,555	99.6
Arkansas.....	690,762	704,941	98.0	187,336	201,451	93.0	889	893	99.6
Louisiana.....	1,090,306	1,121,409	97.2	498,758	540,449	92.3	3,190	2,910	109.6
Oklahoma.....	1,041,202	1,066,698	97.6	73,388	79,696	92.1	33,261	34,039	97.7
Texas.....	4,159,510	4,215,321	98.7	576,463	610,662	94.4	9,008	8,713	103.4
<b>Mountain</b> .....	3,276,316	3,237,978	101.2	63,129	60,113	105.0	109,344	108,180	101.1
Montana.....	331,374	319,364	103.8	864	603	143.3	11,505	11,057	104.1
Idaho.....	333,298	324,085	102.8	808	694	116.4	4,315	3,991	108.1
Wyoming.....	165,349	157,573	104.9	1,142	1,041	109.7	2,524	2,437	103.6
Colorado.....	843,575	857,125	98.4	20,060	19,932	100.6	6,832	6,423	106.4
New Mexico.....	442,352	433,411	102.1	8,921	8,142	109.6	28,497	29,700	95.9
Arizona.....	587,872	581,645	101.1	22,252	21,151	105.2	44,804	44,437	100.8
Utah.....	436,198	437,630	99.7	2,182	1,966	111.0	6,544	6,107	107.2
Nevada.....	136,298	127,145	107.2	6,900	6,584	104.8	4,323	4,028	107.3
<b>Pacific</b> .....	9,649,504	9,666,214	99.8	479,728	482,718	99.4	489,447	430,433	113.7
Washington.....	1,381,261	1,370,414	100.8	26,000	22,738	114.3	27,776	25,025	111.0
Oregon.....	861,040	870,997	98.9	9,141	8,992	101.7	9,770	8,747	111.7
California.....	7,193,094	7,262,136	99.0	436,881	446,980	97.7	206,732	171,381	120.6
Alaska.....	101,194	73,352	138.0	4,301	2,470	174.1	23,316	21,534	108.3
Hawaii.....	112,915	89,315	126.4	3,405	1,538	221.4	221,853	203,746	108.9

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Population: 1960, Vol. I.



NO. 29. NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK—STATES:  
1950 AND 1960

[In thousands, except percent. 1950 data based partly on 20-percent sample; 1960 data based on 25-percent sample.  
See source for sampling variability]

STATE	1950		FOREIGN WHITE STOCK, 1960									
	For- eign white stock	Per- cent	Total	Per- cent	For- eign born	Native of foreign or mixed parent- age	Country of origin <sup>1</sup>					
							Can- ada <sup>2</sup>	Ger- many	Italy	Poland	United King- dom	U.S.S.R.
U.S. <sup>3</sup>	33,751	100.0	33,078	100.0	9,294	23,784	3,155	4,313	4,538	2,779	2,878	2,288
<b>New England:</b>												
Maine.....	245	0.7	225	0.7	60	165	162	4	7	3	15	4
N.H.....	192	0.6	177	0.5	44	132	106	5	5	8	15	3
Vt.....	96	0.3	86	0.3	23	62	52	3	5	3	8	1
Mass.....	2,273	6.7	2,033	6.1	565	1,468	545	55	311	137	193	129
R.I.....	387	1.1	336	1.0	85	252	78	8	79	16	48	14
Conn.....	964	2.9	974	2.9	271	702	122	64	237	118	82	55
<b>Middle Atlantic:</b>												
N.Y.....	6,804	20.2	6,301	19.0	2,182	4,119	319	673	1,476	683	431	738
N.J.....	2,014	6.0	2,090	6.3	606	1,484	55	250	525	238	201	153
Pa.....	2,830	8.4	2,486	7.5	596	1,890	48	260	509	300	278	202
<b>E. North Central:</b>												
Ohio.....	1,579	4.7	1,479	4.5	391	1,088	66	250	185	143	140	65
Ind.....	401	1.2	373	1.1	91	282	22	85	19	44	34	11
Ill.....	2,685	8.0	2,421	7.3	673	1,748	89	415	250	359	152	136
Mich.....	1,967	5.8	1,881	5.7	522	1,360	413	234	120	255	180	77
Wis.....	1,059	3.1	910	2.8	169	741	42	326	32	94	37	30
<b>W. North Central:</b>												
Minn.....	1,023	3.0	870	2.6	142	729	66	186	15	34	31	23
Iowa.....	483	1.4	387	1.2	55	331	17	139	8	4	31	7
Mo.....	404	1.2	363	1.1	75	287	15	114	34	20	30	24
N.Dak.....	241	0.7	189	0.6	30	159	19	28	(Z)	3	5	43
S.Dak.....	174	0.5	141	0.4	18	123	7	36	1	2	7	19
Nebr.....	299	0.9	257	0.8	40	217	10	85	7	11	15	19
Kans.....	218	0.6	202	0.6	31	171	12	55	5	5	22	22
<b>South Atlantic:</b>												
Dcl.....	48	0.1	58	0.2	14	44	3	6	12	8	8	4
Md.....	313	0.9	364	1.1	90	274	20	64	45	40	37	46
Dist. of Col.....	120	0.4	88	0.3	33	54	5	9	9	6	9	12
Va.....	129	0.4	172	0.5	45	127	18	23	16	9	28	11
W. Va.....	111	0.3	91	0.3	23	67	3	9	22	8	11	3
N.C.....	46	0.1	65	0.2	20	45	8	11	4	3	10	3
S.C.....	24	0.1	36	0.1	10	26	4	6	2	2	6	2
Ga.....	51	0.2	76	0.2	24	52	7	15	4	5	12	6
Fla.....	337	1.0	703	2.1	255	448	78	92	61	35	92	55
<b>E. South Central:</b>												
Ky.....	76	0.2	74	0.2	16	58	4	26	5	3	8	3
Tenn.....	51	0.2	57	0.2	15	42	5	10	7	3	8	4
Ala.....	46	0.1	53	0.2	14	39	4	9	6	2	9	2
Miss.....	25	0.1	27	0.1	7	20	2	4	4	1	4	1
<b>W. South Central:</b>												
Ark.....	33	0.1	33	0.1	7	26	2	10	3	1	4	1
La.....	116	0.3	119	0.4	29	91	5	14	36	3	10	3
Okla.....	84	0.3	87	0.3	19	68	7	22	3	3	11	7
Tex.....	932	2.8	1,070	3.2	292	778	28	110	27	19	46	16
<b>Mountain:</b>												
Mont.....	168	0.5	147	0.4	30	118	23	19	4	2	16	13
Idaho.....	88	0.3	81	0.2	15	66	11	12	2	1	14	4
Wyo.....	53	0.2	48	0.1	9	38	4	7	2	1	8	4
Colo.....	245	0.7	254	0.8	57	197	16	40	24	7	27	30
N. Mex.....	61	0.2	77	0.2	21	57	5	8	4	1	7	1
Ariz.....	156	0.5	229	0.7	68	161	17	19	10	6	17	7
Utah.....	135	0.4	136	0.4	31	105	9	14	6	1	40	1
Nev.....	35	0.1	48	0.1	12	36	6	5	7	1	6	2
<b>Pacific:</b>												
Wash.....	633	1.9	625	1.9	165	461	138	75	22	11	68	28
Oreg.....	309	0.9	294	0.9	68	226	57	47	10	5	33	18
Calif.....	2,982	8.8	3,725	11.3	1,222	2,503	391	345	348	110	367	224
Alaska.....	(NA)	(NA)	27	0.1	7	20	6	3	1	1	3	1
Hawaii.....	(NA)	(NA)	35	0.1	8	27	4	4	2	1	4	1

NA Not available. Z Less than 500.

<sup>1</sup> Countries selected were those accounting for foreign stock of 2 million or more.

<sup>2</sup> Includes Newfoundland.

<sup>3</sup> For 1950, excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. IV, and *1960*, Vol. I.



No. 30. FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1940 TO 1960

[In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. 1940 and 1950, foreign born based on complete count; native of foreign or mixed parentage, on 5-percent sample in 1940 and 20-percent sample in 1950. 1960, based on 25-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series C 185-283]

COUNTRY OF ORIGIN	1940		FOREIGN WHITE STOCK, 1950				FOREIGN WHITE STOCK, 1960			
	For- eign white stock	Per- cent	Total	Per- cent	For- eign born	Native of foreign or mixed par- entage	Total	Per- cent	For- eign born	Native of foreign or mixed par- entage
All countries.....	34, 577	100. 0	33, 751	100. 0	10, 161	23, 589	33, 078	100. 0	9, 294	23, 784
England and Wales.....	2, 124	6. 1	2, 028	6. 0	585	1, 443	1, 955	5. 9	550	1, 405
Scotland.....	726	2. 1	708	2. 1	244	463	668	2. 0	213	455
Northern Ireland.....	377	1. 1	45	0. 1	15	30	255	0. 8	68	187
Ireland (Eire).....	2, 411	7. 0	2, 396	7. 1	505	1, 891	1, 771	5. 4	338	1, 433
Norway.....	925	2. 7	855	2. 5	202	652	774	2. 3	153	621
Sweden.....	1, 301	3. 8	1, 190	3. 5	325	865	1, 046	3. 2	214	831
Denmark.....	444	1. 3	427	1. 3	108	319	399	1. 2	85	314
Netherlands.....	372	1. 1	375	1. 1	102	273	398	1. 2	118	280
Belgium.....	130	0. 4	138	0. 4	53	86	140	0. 4	50	90
Switzerland.....	294	0. 9	287	0. 9	72	216	263	0. 8	61	201
France.....	349	1. 0	362	1. 1	108	254	349	1. 1	111	238
Germany.....	5, 237	15. 1	4, 727	14. 0	984	3, 743	4, 313	13. 0	987	3, 326
Poland.....	2, 906	8. 4	2, 786	8. 3	861	1, 925	2, 778	8. 4	747	2, 031
Czechoslovakia.....	985	2. 8	984	2. 9	278	706	917	2. 8	227	690
Austria.....	1, 261	3. 6	1, 225	3. 6	409	816	1, 098	3. 3	304	793
Hungary.....	662	1. 9	705	2. 1	268	437	701	2. 1	245	456
Yugoslavia.....	383	1. 1	384	1. 1	144	240	448	1. 4	166	282
U.S.S.R.....	2, 610	7. 5	2, 542	7. 5	895	1, 647	2, 287	6. 9	689	1, 598
Lithuania.....	395	1. 1	398	1. 2	148	250	402	1. 2	121	281
Finland.....	284	0. 8	268	0. 8	96	172	241	0. 7	68	173
Romania.....	248	0. 7	215	0. 6	85	130	234	0. 7	84	149
Greece.....	327	0. 9	364	1. 1	169	195	378	1. 1	159	219
Italy.....	4, 595	13. 3	4, 571	13. 5	1, 427	3, 143	4, 540	13. 7	1, 256	3, 284
Spain.....	109	0. 3	115	0. 3	46	68	125	0. 4	45	80
Portugal.....	176	0. 5	172	0. 5	54	118	200	0. 6	56	144
Other Europe.....	132	0. 4	214	0. 6	86	128	225	0. 7	104	122
Asia.....	342	1. 0	420	1. 2	180	240	483	1. 5	201	282
Canada-French.....	908	2. 6	758	2. 2	238	519	3, 154	9. 5	942	2, 212
Canada-other.....	2, 049	5. 9	2, 224	6. 6	756	1, 468				
Mexico.....	1, 077	3. 1	1, 343	4. 0	451	892	1, 725	5. 2	573	1, 152
Other America.....	133	0. 6	222	0. 7	120	101	389	1. 2	229	160
All other and not reported...	304	0. 9	304	0. 9	147	157	425	1. 3	130	295

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, *Nativity and Parentage of the White Population*; *U.S. Census of Population: 1960*, Vol. IV, Part 3A, and 1960, Vol. I.

No. 31. NATIVE POPULATION, BY PLACE OF BIRTH: 1900 TO 1960

[1950 based on 20-percent sample; 1960 based on 25-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series C 1-14]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying areas <sup>1</sup>	Born abroad or at sea of American parents
			Number	Percent			
1900.....	65, 653, 299	51, 901, 722	13, 501, 045	20. 6	180, 458	2, 923	67, 151
1910.....	78, 456, 380	61, 185, 305	16, 910, 114	21. 6	285, 685	7, 365	67, 911
1920.....	91, 789, 928	71, 071, 013	20, 274, 450	22. 1	313, 582	38, 020	92, 863
1930.....	108, 570, 897	82, 677, 619	25, 388 100	23. 4	238, 469	136, 032	130, 677
1940.....	120, 074, 379	92, 609, 754	26, 905, 986	22. 4	279, 514	156, 956	122, 169
1950.....	139, 868, 715	102, 788, 395	35, 284, 210	25. 2	1, 369, 785	329, 970	96, 355
1960.....	169, 587, 580	119, 293, 462	44, 691, 053	26. 4	4, 541, 130	660, 425	401, 510

<sup>1</sup> For 1900 to 1950, includes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. II, Part 2A.

## No. 32. MARITAL STATUS OF THE POPULATION, BY SEX: 1890 TO 1966

[In thousands of persons 14 years old and over. Prior to 1960, excludes Alaska and Hawaii. Total population, 1890 to 1940. Population 1950 to 1966 based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, p. 1. Armed Forces included are as follows: 1950, 547,000; 1960, 1,117,000; 1965, 933,000; 1966, 846,000. See also *Historical Statistics, Colonial Times to 1957*, series A 210-227]

SEX AND DATE	Total	Single	Mar- ried	Wid- owed	Di- vorced	PERCENT OF TOTAL							
						Crude percent				Standardized for age <sup>1</sup>			
						Sin- gle	Mar- ried	Wid- owed	Di- vorced	Sin- gle	Mar- ried	Wid- owed	Di- vorced
MALE													
June 1890-----	<sup>2</sup> 21,501	9,379	11,205	815	49	43.6	52.1	3.8	0.2	31.9	61.8	6.1	0.3
June 1900-----	<sup>2</sup> 26,414	11,090	13,956	1,178	84	42.0	52.8	4.5	0.3	32.3	60.5	6.9	0.4
April 1910-----	<sup>2</sup> 33,362	13,485	18,093	1,471	156	40.4	54.2	4.4	0.5	31.9	60.8	6.8	0.5
January 1920----	<sup>2</sup> 37,954	13,998	21,852	1,758	235	36.9	57.6	4.6	0.6	31.3	61.4	6.6	0.7
April 1930-----	<sup>2</sup> 45,088	16,159	26,328	2,025	489	35.8	58.4	4.5	1.1	30.5	62.1	6.3	1.1
April 1940-----	50,554	17,593	30,192	2,144	624	34.8	59.7	4.2	1.2	30.7	62.6	5.4	1.3
March 1950-----	54,762	14,322	37,227	2,296	917	26.2	68.0	4.2	1.7	26.2	67.4	4.7	1.7
March 1960-----	60,582	15,356	41,831	2,253	1,145	25.3	69.1	3.7	1.9	25.3	69.1	3.7	1.9
March 1965-----	65,150	17,340	44,250	2,129	1,429	26.6	67.9	3.3	2.2	24.1	70.4	3.2	2.3
March 1966-----	65,787	17,684	44,641	2,002	1,461	26.9	67.9	3.0	2.2	23.9	70.8	3.0	2.3
FEMALE													
June 1890-----	<sup>2</sup> 20,298	6,928	11,126	2,155	72	34.1	54.8	10.6	0.4	23.8	58.1	17.7	0.4
June 1900-----	<sup>2</sup> 25,024	8,337	13,814	2,718	115	33.3	55.2	10.9	0.5	24.4	57.5	17.6	0.5
April 1910-----	<sup>2</sup> 30,959	9,842	17,688	3,176	185	31.8	57.1	10.3	0.6	24.1	58.8	16.5	0.6
January 1920----	<sup>2</sup> 36,190	10,624	21,324	3,918	273	29.4	58.9	10.8	0.8	23.9	59.0	16.4	0.8
April 1930-----	<sup>2</sup> 44,013	12,478	26,175	4,734	573	28.4	59.5	10.8	1.3	23.5	59.6	15.6	1.3
April 1940-----	50,549	13,936	30,090	5,700	823	27.6	59.5	11.3	1.6	24.2	59.3	14.8	1.6
March 1950-----	56,970	11,139	37,633	6,967	1,231	19.6	66.1	12.2	2.2	20.0	63.9	14.0	2.1
March 1960-----	64,875	12,295	42,575	8,298	1,705	19.0	65.6	12.8	2.6	19.0	65.6	12.8	2.6
March 1965-----	70,694	14,607	45,191	8,815	2,079	20.7	63.9	12.5	2.9	18.8	66.0	12.2	3.0
March 1966-----	71,829	14,981	45,745	8,871	2,232	20.9	63.7	12.4	3.1	18.7	66.1	12.0	3.2

<sup>1</sup> 1960 age distribution used as standard. Figures show percent distribution with effects of changes in age distribution removed. <sup>2</sup> Includes marital status not reported.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1, and *Current Population Reports*, Series P-20.

## No. 33. MARITAL STATUS OF THE POPULATION, BY SEX AND AGE: 1966

[In thousands of persons 14 years old and over. As of March. Based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, p. 1]

SEX AND AGE	Total	Single	Married	Widowed	Divorced	PERCENT DISTRIBUTION				
						Total	Single	Married	Widowed	Divorced
<b>Male</b> .....	65,787	17,684	44,641	2,002	1,461	100.0	26.9	67.9	3.0	2.2
14 to 19 years.....	10,407	10,122	281	-	4	100.0	97.3	2.7	-	-
20 to 24 years.....	5,970	3,095	2,835	4	36	100.0	51.8	47.5	0.1	0.6
25 to 29 years.....	5,410	906	4,404	2	99	100.0	16.7	81.4	-	1.8
30 to 34 years.....	5,292	636	4,493	19	145	100.0	12.0	84.9	0.4	2.7
35 to 44 years.....	11,734	1,012	10,319	57	347	100.0	8.6	87.9	0.5	3.0
45 to 54 years.....	10,773	697	9,625	124	328	100.0	6.5	89.3	1.2	3.0
55 to 64 years.....	8,207	624	6,917	374	292	100.0	7.6	84.3	4.6	3.6
65 to 74 years.....	5,167	384	4,032	580	171	100.0	7.4	78.0	11.2	3.3
75 and over.....	2,829	209	1,736	843	41	100.0	7.4	61.4	29.8	1.4
<b>Female</b> .....	71,829	14,981	45,745	8,871	2,232	100.0	20.9	63.7	12.4	3.1
14 to 19 years.....	10,458	9,362	1,070	2	24	100.0	89.5	10.2	-	0.2
20 to 24 years.....	6,906	2,083	4,668	12	143	100.0	30.2	67.6	0.2	2.1
25 to 29 years.....	5,787	560	4,996	18	213	100.0	9.7	86.3	0.3	3.7
30 to 34 years.....	5,536	301	4,961	70	206	100.0	5.4	89.6	1.3	3.7
35 to 44 years.....	12,390	622	10,973	280	515	100.0	5.0	88.6	2.3	4.2
45 to 54 years.....	11,417	651	9,269	933	561	100.0	5.7	81.2	8.2	4.9
55 to 64 years.....	8,952	641	5,987	1,949	375	100.0	7.2	66.9	21.8	4.2
65 to 74 years.....	6,385	487	2,993	2,766	139	100.0	7.6	46.9	43.3	2.2
75 and over.....	4,003	275	830	2,842	56	100.0	6.9	20.7	71.0	1.4

- Represents zero or rounds to zero.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

## NO. 34. MOBILITY STATUS OF THE POPULATION, BY CHARACTERISTICS: 1965 AND 1966

[In thousands. Based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, p. 1. See also *Historical Statistics, Colonial Times to 1957*, series C 80-87]

MOBILITY PERIOD AND CHARACTERISTIC	Total popu- lation	Same house (non- movers)	DIFFERENT HOUSE IN THE UNITED STATES (movers)					Abroad at begin- ning of period
			Total	Same county	Different county (migrants)			
					Total	Within a State	Between States	
MARCH 1964 TO MARCH 1965								
Total, 1 year old and over, March 1965.....	187,974	149,128	37,866	25,122	12,744	6,597	6,147	978
Male.....	91,671	72,428	18,698	12,316	6,382	3,302	3,080	545
Female.....	96,303	76,700	19,169	12,806	6,363	3,295	3,068	433
Percent.....	100.0	79.3	20.1	13.4	6.8	3.5	3.3	0.5
Male.....	100.0	79.0	20.4	13.4	7.0	3.6	3.4	0.6
Female.....	100.0	79.6	19.9	13.3	6.6	3.4	3.2	0.4
MARCH 1965 TO MARCH 1966								
Total, 1 year old and over, March 1966.....	190,242	152,656	36,703	24,165	12,538	6,275	6,263	883
Sex								
Male.....	92,573	73,912	18,144	11,883	6,261	3,150	3,111	518
Female.....	97,669	78,745	18,560	12,282	6,278	3,126	3,152	365
Percent.....	100.0	80.2	19.3	12.7	6.6	3.3	3.3	0.5
Male.....	100.0	79.8	19.6	12.8	6.8	3.4	3.4	0.6
Female.....	100.0	80.6	19.0	12.6	6.4	3.2	3.2	0.4
Age								
Male.....	92,573	73,912	18,144	11,883	6,261	3,150	3,111	518
1 to 4 years.....	8,331	5,889	2,394	1,537	857	423	434	48
5 to 13 years.....	18,455	15,065	3,332	2,193	1,139	567	572	59
14 to 17 years.....	7,184	6,169	996	703	293	153	140	19
18 and 19 years.....	3,223	2,588	624	403	221	111	110	11
20 to 24 years.....	5,970	3,408	2,435	1,455	980	432	548	129
25 to 29 years.....	5,410	3,243	2,090	1,354	736	385	351	78
30 to 34 years.....	5,292	3,798	1,440	930	510	270	240	54
35 to 44 years.....	11,734	9,648	2,009	1,339	670	354	316	78
45 to 64 years.....	18,980	16,847	2,097	1,437	660	352	308	36
65 years and over.....	7,994	7,255	729	532	197	102	95	8
Median age <sup>1</sup> ..... years.....	27.9	30.8	23.5	23.7	23.2	23.7	22.7	24.7
Female.....								
Female.....	97,669	78,745	18,560	12,282	6,278	3,126	3,152	365
1 to 4 years.....	7,987	5,643	2,312	1,486	826	416	410	31
5 to 13 years.....	17,852	14,432	3,354	2,267	1,087	556	531	67
14 to 17 years.....	7,001	5,982	998	723	275	144	131	21
18 and 19 years.....	3,456	2,353	1,085	713	372	181	191	17
20 to 24 years.....	6,906	3,836	3,024	1,785	1,239	596	643	46
25 to 29 years.....	5,787	3,839	1,890	1,226	664	322	342	58
30 to 34 years.....	5,536	4,371	1,134	728	406	203	203	31
35 to 44 years.....	12,390	10,500	1,843	1,287	556	279	277	47
45 to 64 years.....	20,368	18,325	2,000	1,414	586	296	290	43
65 years and over.....	10,387	9,464	917	653	264	133	131	6
Median age <sup>1</sup> ..... years.....	29.9	33.8	22.5	22.7	22.3	22.2	22.4	25.0
Color (percent)								
White.....	100.0	80.7	18.8	11.9	6.9	3.5	3.4	0.5
Negro.....	100.0	76.8	22.9	18.9	4.0	1.8	2.2	0.3
Other.....	100.0	75.4	22.6	16.6	6.0	2.5	3.5	2.0
Employment Status								
Male, 14 years old and over.....	65,787	52,958	12,418	8,153	4,265	2,159	2,106	411
In labor force.....	49,094	38,817	9,923	6,562	3,361	1,661	1,700	355
Armed Forces.....	849	337	401	125	276	45	231	112
Employed.....	46,398	37,190	8,990	6,124	2,866	1,527	1,339	218
Unemployed.....	1,847	1,290	532	313	219	89	130	25
Not in labor force.....	16,693	14,141	2,497	1,592	905	498	407	55

<sup>1</sup> For definition of median, see headnote, table 8.



## No. 35. MOBILITY STATUS AND NET MIGRATION—STATES: 1960

[In thousands, except percent. Residence based on 25-percent sample. See source for sampling variability. Net migration comprises both net immigration from abroad and net interregional, interdivisional, and interstate migration according to area shown; includes movements of persons in Armed Forces]

REGION, DIVISION, AND STATE	RESIDENCE IN 1955					NET MIGRATION 1950 TO 1960			
	Total population, 5 years old and over, 1960	Same house as in 1960	Different house, same county	Different county or abroad	Residence not reported <sup>1</sup>	White		Nonwhite	
						Number	Percent	Number	Percent
<b>United States.....</b>	<b>159,004</b>	<b>79,331</b>	<b>47,387</b>	<b>29,801</b>	<b>2,484</b>	<b>+2,685</b>	<b>+2.0</b>	<b>-25</b>	<b>-0.2</b>
<b>Regions</b>									
Northeast.....	40,025	22,854	10,697	5,806	668	-206	-0.6	+541	+26.0
North Central.....	45,614	23,557	14,080	7,286	692	-679	-1.6	+558	+23.8
South.....	48,549	23,100	14,953	9,804	692	+52	+0.1	-1,457	-14.1
West.....	24,817	9,820	7,658	6,906	433	+3,513	+18.7	+332	+23.6
<b>New England</b>	<b>9,375</b>	<b>5,217</b>	<b>2,669</b>	<b>1,332</b>	<b>158</b>	<b>-47</b>	<b>-0.5</b>	<b>+70</b>	<b>+45.6</b>
Maine.....	861	484	239	129	9	-68	-7.5	+2	+67.7
New Hampshire.....	541	295	142	94	9	+11	+2.1	+1	+137.0
Vermont.....	346	191	96	57	3	-38	-10.1	(Z)	+20.0
Massachusetts.....	4,601	2,603	1,293	623	81	-119	-2.6	+25	+32.1
Rhode Island.....	770	431	215	107	17	-28	-3.6	+2	+13.7
Connecticut.....	2,257	1,213	683	322	38	+195	+10.0	+39	+71.1
<b>Middle Atlantic</b>	<b>30,650</b>	<b>17,637</b>	<b>8,028</b>	<b>4,474</b>	<b>510</b>	<b>-159</b>	<b>-0.6</b>	<b>+472</b>	<b>+24.5</b>
New York.....	15,092	8,553	3,854	2,394	292	-72	-0.5	+282	+29.5
New Jersey.....	5,425	2,978	1,346	1,012	89	+465	+10.3	+112	+34.6
Pennsylvania.....	10,132	6,107	2,829	1,068	129	-553	-5.6	+77	+12.0
<b>East North Central</b>	<b>31,977</b>	<b>16,437</b>	<b>10,333</b>	<b>4,688</b>	<b>519</b>	<b>+178</b>	<b>+0.6</b>	<b>+521</b>	<b>+28.1</b>
Ohio.....	8,568	4,271	2,922	1,264	110	+276	+3.7	+133	+25.6
Indiana.....	4,120	2,134	1,261	661	63	+19	+0.5	+45	+25.4
Illinois.....	8,951	4,419	3,069	1,246	218	-64	-0.8	+189	+28.3
Michigan.....	6,855	3,683	2,078	1,005	89	+30	+0.5	+127	+27.9
Wisconsin.....	3,483	1,929	1,003	513	39	-82	-2.4	+29	+68.4
<b>West North Central</b>	<b>13,637</b>	<b>7,120</b>	<b>3,747</b>	<b>2,597</b>	<b>173</b>	<b>-857</b>	<b>-6.3</b>	<b>+37</b>	<b>+7.6</b>
Minnesota.....	2,998	1,651	789	529	29	-101	-3.4	+4	+13.8
Iowa.....	2,450	1,354	673	400	24	-236	-9.1	+3	+12.3
Missouri.....	3,855	1,853	1,159	768	75	-158	-4.3	+28	+9.3
North Dakota.....	553	319	131	100	3	-103	-16.9	-2	-18.3
South Dakota.....	597	329	144	121	4	-90	-14.3	-5	-19.4
Nebraska.....	1,251	662	333	243	12	-121	-9.3	+4	+17.5
Kansas.....	1,933	953	517	437	25	-49	-2.7	+5	+6.5
<b>South Atlantic</b>	<b>22,972</b>	<b>10,776</b>	<b>6,718</b>	<b>5,107</b>	<b>372</b>	<b>+1,189</b>	<b>+7.4</b>	<b>-542</b>	<b>-10.5</b>
Delaware.....	391	194	119	70	8	+58	+21.0	+6	+14.6
Maryland.....	2,734	1,365	711	603	55	+284	+14.5	+36	+9.3
District of Columbia.....	686	269	256	129	32	-213	-41.1	+54	+19.2
Virginia.....	3,498	1,681	853	914	50	+84	+3.3	-70	-9.5
West Virginia.....	1,664	938	501	208	18	-406	-21.5	-40	-35.0
North Carolina.....	4,030	2,048	1,304	629	48	-121	-4.0	-207	-19.2
South Carolina.....	2,088	1,061	682	322	23	-4	-0.3	-218	-26.5
Georgia.....	3,471	1,615	1,126	693	37	-9	-0.4	-204	-19.2
Florida.....	4,411	1,606	1,166	1,538	101	+1,516	+70.0	+101	+16.6
<b>East South Central</b>	<b>10,645</b>	<b>5,354</b>	<b>3,575</b>	<b>1,612</b>	<b>104</b>	<b>-845</b>	<b>-9.6</b>	<b>-620</b>	<b>-22.9</b>
Kentucky.....	2,696	1,359	909	397	31	-374	-13.7	-15	-7.6
Tennessee.....	3,173	1,573	1,097	464	40	-216	-7.8	-57	-10.7
Alabama.....	2,876	1,438	981	437	21	-144	-6.9	-224	-22.8
Mississippi.....	1,900	985	588	315	12	-110	-9.3	-323	-32.7
<b>West South Central</b>	<b>14,931</b>	<b>6,970</b>	<b>4,660</b>	<b>3,085</b>	<b>216</b>	<b>-292</b>	<b>-2.4</b>	<b>-295</b>	<b>-11.8</b>
Arkansas.....	1,592	780	506	297	9	-283	-19.1	-150	-35.0
Louisiana.....	2,834	1,463	871	466	34	+42	+2.4	-92	-10.4
Oklahoma.....	2,086	966	621	462	37	-192	-9.5	-26	-13.0
Texas.....	8,419	3,761	2,662	1,860	136	+141	+2.1	-27	-2.7
<b>Mountain</b>	<b>5,978</b>	<b>2,477</b>	<b>1,628</b>	<b>1,793</b>	<b>80</b>	<b>+549</b>	<b>+11.3</b>	<b>+8</b>	<b>+3.6</b>
Montana.....	592	282	164	142	4	-23	-4.0	-2	-11.4
Idaho.....	585	270	160	152	4	-41	-7.0	+1	+7.1
Wyoming.....	289	121	82	84	2	-19	-6.5	-1	-18.4
Colorado.....	1,545	624	396	501	24	+149	+11.5	+15	+52.9
New Mexico.....	815	339	211	257	9	+54	+8.5	-1	-2.9
Arizona.....	1,135	390	322	398	26	+340	+51.9	-10	-10.3
Utah.....	764	372	224	162	7	+9	+1.4	+1	+8.0
Nevada.....	252	80	71	96	5	+80	+53.2	+6	+63.0
<b>Pacific</b>	<b>18,839</b>	<b>7,343</b>	<b>6,030</b>	<b>5,113</b>	<b>353</b>	<b>+2,970</b>	<b>+21.3</b>	<b>+324</b>	<b>+27.4</b>
Washington.....	2,538	1,140	758	613	27	+70	+3.0	+18	+28.6
Oregon.....	1,583	702	459	407	16	+10	+0.7	+6	+22.7
California.....	13,974	5,216	4,597	3,862	300	+2,791	+28.2	+354	+52.7
Alaska.....	192	44	40	103	5	+42	+45.5	-1	-3.0
Hawaii.....	552	241	176	129	5	+55	+48.0	-52	-13.6

Z Less than 500.

<sup>1</sup> In 1960, comprises persons who moved but for whom place of residence in 1955 was not reported.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. II, Part 2B and *Current Population Reports*, Series P-25, No. 247.

No. 36. HOUSEHOLDS, BY RACE OF HEAD, AND POPULATION PER HOUSEHOLD: 1890 TO 1960

[Number in thousands. Prior to 1960, excludes Alaska and Hawaii. For definition of household, see p. 3. See also *Historical Statistics, Colonial Times to 1957*, series A 242 and A 255-263]

DATE	HOUSEHOLDS				RACE OF HEAD			
	Number	Annual increase over preceding date		Popula- tion per house- hold <sup>2</sup>	White	Negro	Other	Percent white
		Num- ber	Per- cent <sup>1</sup>					
1890 (June 1) <sup>3</sup> -----	12, 690	(X)	(X)	4. 93	11, 255	1, 411	24	88. 7
1900 (June 1)-----	15, 964	327	2. 32	4. 76	14, 064	1, 834	66	88. 1
1910 (Apr. 15) <sup>3</sup> -----	20, 256	434	2. 44	4. 54	18, 002	2, 173	81	88. 9
1920 (Jan. 1) <sup>3</sup> -----	24, 352	418	1. 90	4. 34	21, 826	2, 431	95	89. 6
1930 (Apr. 1)-----	29, 905	542	2. 02	4. 11	26, 983	2, 804	118	90. 2
1940 (Apr. 1)-----	34, 949	504	1. 56	3. 77	31, 680	3, 142	127	90. 6
1950 (Apr. 1)-----	42, 857	791	2. 06	3. 52	39, 044	3, 633	149	91. 2
1960 (Apr. 1)-----	53, 021	1, 016	1. 92	3. 38	47, 868	5, 153		90. 3

X Not applicable. <sup>1</sup> Computed by compound interest formula.  
<sup>2</sup> Obtained by dividing total population by number of households; hence, not strictly average size of household because total population includes members of quasi-households.  
<sup>3</sup> Includes small number of hotels, institutions, and other quasi-households. <sup>4</sup> Estimated.

Source: Dept. of Commerce, Bureau of the Census; Reports of the Thirteenth, Fifteenth, Sixteenth, Seventeenth, and Eighteenth Censuses, and unpublished data.

No. 37. HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1950 TO 1966

[Number in thousands. As of March, except as noted. Prior to 1960, excludes Alaska and Hawaii. Based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, p. 1. Minus sign (–) denotes decrease. For definitions of type of unit, see p. 3. See also *Historical Statistics, Colonial Times to 1957*, series A 242-247]

TYPE OF UNIT	1950 DEFINITION		1960 DEFINITION								Percent change, 1960 to 1966
	1950	1955 <sup>1</sup>	1960	1961	1962	1963	1964	1965	1966		
Households.....	43,554	47,874	52,799	53,464	54,652	55,189	55,996	57,251	58,092	10.0	
Primary families.....	38,838	41,732	44,905	45,299	46,185	46,813	47,278	47,720	48,169	7.3	
Primary individuals.....	4,716	6,142	7,895	8,165	8,467	8,376	8,718	9,531	9,923	25.7	
Families.....	39,303	41,951	45,111	45,456	46,341	46,998	47,436	47,836	48,278	7.0	
Husband-wife.....	34,440	36,378	39,329	39,590	40,405	40,923	41,311	41,648	42,107	7.1	
Other male head.....	1,184	1,339	1,275	1,249	1,293	1,334	1,243	1,182	1,179	-7.5	
Female head.....	3,679	4,234	4,507	4,616	4,643	4,741	4,882	5,006	4,992	10.8	
Primary families.....	38,838	41,732	44,905	45,299	46,185	46,813	47,278	47,720	48,169	7.3	
Husband-wife.....	34,075	36,251	39,254	39,531	40,339	40,838	41,257	41,588	42,060	7.1	
Other male head.....	1,169	1,328	1,228	1,226	1,265	1,296	1,202	1,168	1,165	-5.1	
Female head.....	3,594	4,153	4,422	4,541	4,581	4,679	4,819	4,964	4,944	11.8	
Secondary families.....	465	219	207	157	156	185	158	116	109	-47.3	
Husband-wife.....	365	127	75	59	66	85	54	60	47	(B)	
Other male head.....	15	11	47	23	28	38	41	14	14	(B)	
Female head.....	85	81	85	75	62	62	63	42	48	(B)	
Subfamilies.....	2,402	1,973	1,514	1,532	1,405	1,370	1,334	1,285	1,375	-9.2	
Husband-wife.....	1,651	1,178	871	900	813	782	735	724	718	-17.6	
Other male head.....	113	69	115	80	82	86	83	71	90	(B)	
Female head.....	638	726	528	552	510	502	516	490	567	-7.4	
Married couples.....	36,091	37,556	40,200	40,490	41,218	41,705	42,046	42,372	42,825	6.5	
With own household.....	34,075	36,251	39,254	39,531	40,339	40,838	41,257	41,588	42,060	7.1	
Without own household.....	2,016	1,305	946	959	879	867	789	784	765	-19.1	
Unrelated individuals.....	9,136	9,891	11,092	11,246	11,522	11,311	11,381	12,268	12,471	12.4	
Primary individuals.....	4,716	6,142	7,895	8,165	8,467	8,376	8,718	9,531	9,923	25.7	
Male.....	1,668	2,059	2,716	2,832	2,927	2,845	2,961	3,271	3,292	21.2	
Female.....	3,048	4,083	5,179	5,333	5,540	5,531	5,757	6,260	6,631	28.0	
Secondary individuals.....	4,420	3,749	3,198	3,081	3,055	2,935	2,663	2,737	2,548	-20.3	
Male.....	2,541	2,128	1,746	1,575	1,651	1,566	1,430	1,438	1,353	-22.5	
Female.....	1,879	1,621	1,451	1,505	1,404	1,369	1,233	1,299	1,195	-17.6	

B Percent not shown; base less than 150,000. <sup>1</sup> As of April.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 152.

# **No. 38. PERCENT DISTRIBUTION OF FAMILIES BY NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD, BY RESIDENCE: 1950 TO 1966**

[As of March, except as noted. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 40]

ITEM	1950	1955 <sup>1</sup>	1958	1959	1960	1961	1962	1963	1964	1965	1966
Families.....1,000..	39,303	41,951	43,696	44,232	45,111	45,456	46,341	46,998	47,436	47,836	48,278
PERCENT DISTRIBUTION											
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	48.3	44.7	43.8	43.3	43.0	43.1	43.4	42.8	43.1	43.4	44.3
1 child.....	21.1	19.1	18.6	18.4	18.5	18.4	18.0	17.6	17.3	17.7	17.2
2 children.....	16.5	18.7	18.0	18.3	18.0	17.7	17.3	17.4	17.4	16.8	16.8
3 children.....	7.8	9.9	10.4	10.5	11.1	11.0	10.9	11.2	11.3	11.0	10.7
4 or more.....	6.3	7.6	9.1	9.5	9.4	9.8	10.5	11.0	11.0	11.1	11.0
Nonfarm families.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	49.0	44.8	43.8	43.1	42.9	43.0	43.2	42.3	42.6	43.1	44.0
1 child.....	21.7	19.6	18.9	18.8	18.7	18.6	18.2	17.9	17.7	18.0	17.4
2 children.....	16.8	19.0	18.4	18.8	18.4	18.0	17.5	17.7	17.6	17.0	17.0
3 children.....	7.3	9.8	10.4	10.5	11.0	11.0	11.0	11.3	11.4	11.1	10.8
4 or more.....	5.2	6.8	8.4	8.8	9.0	9.4	10.1	10.7	10.8	10.8	10.8
Farm families.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	44.4	44.2	44.2	44.7	45.2	45.0	46.2	49.3	49.6	47.7	49.5
1 child.....	17.7	15.1	15.8	15.6	15.9	15.1	14.8	13.4	11.9	13.3	13.5
2 children.....	14.9	16.6	14.9	14.3	13.0	14.5	14.1	13.2	14.5	13.7	13.7
3 children.....	10.2	10.8	10.7	10.5	11.4	10.7	10.0	9.9	10.0	9.9	9.7
4 or more.....	12.8	13.3	14.4	14.9	14.4	14.6	14.9	14.2	14.1	15.3	13.7

<sup>1</sup> As of April.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

# **No. 39. HOUSEHOLD AND FAMILY UNITS, 1960 AND 1965, AND PROJECTIONS, 1970 TO 1985, BY TYPE**

[In thousands. As of July 1, except as noted. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. The projections are based on combinations of two different assumptions about the level of the marriage rates in future years and two different assumptions about trends in the proportions of the population in the various household and family status classes. Household projection Series 1 is the product of the higher marriage assumptions and the higher household and family status assumptions. Series 2 is the product of the lower marriage assumptions and the lower household and family assumptions. For additional explanation, see source]

YEAR AND SERIES	HOUSEHOLDS						All families	UNRELATED INDIVIDUALS <sup>1</sup>	
	Total	Primary families			Primary individuals			Male	Female
		Hus-band-wife	Other male head	Female head	Male	Female			
1960 <sup>2</sup> -----	52, 799	39, 254	1, 228	4, 422	2, 716	5, 179	45, 111	4, 462	6, 630
1965 <sup>2</sup> -----	57, 251	41, 588	1, 168	4, 964	3, 271	6, 260	47, 836	4, 709	7, 559
1970:									
Series 1 -----	63, 300	45, 556	1, 135	5, 380	3, 698	7, 532	52, 168	4, 865	8, 583
Series 2 -----	62, 425	45, 053	1, 182	5, 281	3, 573	7, 335	51, 642	4, 857	8, 522
1975:									
Series 1 -----	70, 001	50, 020	1, 106	5, 938	4, 280	8, 657	57, 140	5, 314	9, 605
Series 2 -----	68, 229	49, 087	1, 186	5, 772	3, 991	8, 193	56, 169	5, 257	9, 398
1980:									
Series 1 -----	77, 308	54, 957	1, 126	6, 581	4, 909	9, 734	62, 731	5, 815	10, 557
Series 2 -----	74, 728	53, 702	1, 229	6, 331	4, 451	9, 014	61, 390	5, 695	10, 195
1985:									
Series 1 -----	84, 421	59, 790	1, 192	7, 224	5, 590	10, 626	68, 282	6, 357	11, 296
Series 2 -----	81, 207	58, 443	1, 305	6, 858	4, 930	9, 671	66, 746	6, 121	10, 766

<sup>1</sup> Includes primary individuals (columns 5 and 6) and secondary individuals (not shown separately).

<sup>2</sup> As of March 1. Based on Current Population Survey; see text, p. 1.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 360.



## No. 40. FAMILIES, BY CHARACTERISTICS: 1966

[Number in thousands. As of March. Based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, p. 1. For definition of families, see p. 3]

CHARACTERISTIC	ALL FAMILIES		MALE HEAD				FEMALE HEAD	
			Married, wife present		Other marital status			
			Number	Percent	Number	Percent		
All families.....	48,278	100.0	42,107	100.0	1,179	100.0	4,992	100.0
COLOR								
White.....	43,496	90.1	38,632	91.7	1,004	85.2	3,860	77.3
Nonwhite.....	4,782	9.9	3,476	8.3	175	14.8	1,131	22.7
RESIDENCE								
Urban and rural nonfarm.....	45,325	93.9	39,418	93.6	1,083	91.9	4,824	96.6
Rural farm.....	2,953	6.1	2,690	6.4	96	8.1	167	3.3
SIZE OF FAMILY								
2 persons.....	16,230	33.6	13,263	31.5	676	57.3	2,291	45.9
3 persons.....	9,774	20.2	8,365	19.9	272	23.1	1,138	22.8
4 persons.....	9,341	19.3	8,559	20.3	99	8.4	682	13.7
5 persons.....	6,165	12.8	5,713	13.6	51	4.3	400	8.0
6 persons.....	3,412	7.1	3,166	7.5	28	2.4	218	4.4
7 or more.....	3,357	7.0	3,042	7.2	53	4.5	262	5.2
RELATED CHILDREN UNDER 18 YEARS OLD								
No related children under 18.....	20,178	41.8	17,278	41.0	781	66.2	2,119	42.4
1 related child under 18.....	8,721	18.1	7,467	17.7	183	15.5	1,071	21.5
2 related children under 18.....	8,395	17.4	7,603	18.1	92	7.8	700	14.0
3 related children under 18.....	5,388	11.2	4,825	11.5	57	4.8	506	10.1
4 or more.....	5,597	11.6	4,935	11.7	66	5.6	595	11.9
OWN CHILDREN UNDER 18 YEARS OLD								
No own children under 18.....	21,403	44.3	17,947	42.6	902	76.5	2,554	51.2
1 own child under 18.....	8,287	17.2	7,273	17.3	122	10.3	893	17.9
2 own children under 18.....	8,128	16.8	7,440	17.7	75	6.4	614	12.3
3 own children under 18.....	5,163	10.7	4,699	11.2	39	3.3	425	8.5
4 or more.....	5,298	11.0	4,750	11.3	43	3.6	505	10.1
OWN CHILDREN UNDER 6 YEARS OLD								
No children under 6.....	34,376	71.2	29,204	69.4	1,118	94.8	4,054	81.2
1 child under 6.....	7,792	16.1	7,220	17.1	43	3.6	529	10.6
2 children under 6.....	4,341	9.0	4,068	9.7	12	1.0	261	5.2
3 or more.....	1,770	3.7	1,615	3.8	6	0.5	149	3.0
MARITAL STATUS OF HEAD								
Married, spouse present.....	42,108	87.2	42,107	100.0	(X)	(X)	(X)	(X)
Separated.....	903	1.9	(X)	(X)	93	7.9	810	16.2
Other married, spouse absent.....	695	1.4	(X)	(X)	108	9.2	588	11.8
Widowed.....	2,710	5.6	(X)	(X)	412	34.9	2,298	46.0
Divorced.....	1,078	2.2	(X)	(X)	155	13.1	922	18.5
Single.....	786	1.6	(X)	(X)	413	35.0	373	7.5
AGE OF HEAD								
Under 25.....	3,049	6.3	2,773	6.6	38	3.2	238	4.8
25 to 29.....	4,553	9.4	4,136	9.8	53	4.5	364	7.3
30 to 34.....	4,738	9.8	4,285	10.2	52	4.4	401	8.0
35 to 44.....	11,094	23.0	9,830	23.3	223	18.9	1,041	20.9
45 to 54.....	10,461	21.7	9,147	21.7	278	23.6	1,036	20.8
55 to 64.....	7,490	15.5	6,512	15.5	195	16.5	783	15.7
65 to 74.....	4,651	9.6	3,857	9.2	167	14.2	627	12.6
75 and over.....	2,244	4.6	1,571	3.7	172	14.6	501	10.0
Median age <sup>1</sup> ..... years..	45.7	(X)	45.0	(X)	53.0	(X)	49.4	(X)

X Not applicable. <sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

## No. 41. HOUSEHOLDS—STATES: 1950, 1960, AND 1965

[In thousands, except percent. Data for 1950 and 1960 as of April 1. 1965 estimates as of July 1, based on Current Population Survey; see text, p. 1. For definition of household, see text, p. 3]

REGION, DIVISION, AND STATE	HOUSEHOLDS							Husband- wife house- holds, 1965
	Number, 1950	Number, 1960	Number, 1965	Change, 1960 to 1965		Average annual percent of change		
				Num- ber	Per- cent	1950 to 1960	1960 to 1965	
United States.....	43,000	53,021	57,300	4,278	8.1	2.1	1.5	41,590
Regions:								
Northeast.....	11,240	13,521	14,311	790	5.8	1.8	1.1	10,195
North Central.....	12,983	15,377	16,069	691	4.5	1.7	0.8	11,884
South.....	12,636	15,503	17,093	1,589	10.3	2.0	1.9	12,596
West.....	6,143	8,619	9,827	1,208	14.0	3.4	2.5	6,915
New England.....	2,617	3,116	3,279	163	5.2	1.7	1.0	2,351
Maine.....	255	280	284	4	1.3	1.0	0.2	208
New Hampshire.....	155	180	198	18	9.8	1.5	1.8	145
Vermont.....	104	111	115	4	4.0	0.7	0.8	84
Massachusetts.....	1,307	1,535	1,588	53	3.4	1.6	0.6	1,108
Rhode Island.....	226	257	266	9	3.4	1.3	0.6	187
Connecticut.....	570	753	829	76	10.1	2.8	1.8	618
Middle Atlantic.....	8,623	10,405	11,032	627	6.0	1.9	1.1	7,844
New York.....	4,330	5,248	5,609	361	6.9	1.9	1.3	3,859
New Jersey.....	1,374	1,806	1,983	177	9.8	2.7	1.8	1,484
Pennsylvania.....	2,919	3,351	3,440	89	2.7	1.4	0.5	2,502
East North Central.....	8,830	10,710	11,254	544	5.1	1.9	0.9	8,358
Ohio.....	2,315	2,852	3,000	147	5.2	2.1	1.0	2,251
Indiana.....	1,169	1,388	1,456	69	4.9	1.7	0.9	1,103
Illinois.....	2,586	3,085	3,224	140	4.5	1.8	0.8	2,310
Michigan.....	1,792	2,239	2,380	141	6.3	2.2	1.2	1,799
Wisconsin.....	968	1,146	1,193	47	4.1	1.7	0.8	895
West North Central.....	4,153	4,668	4,815	147	3.2	1.2	0.6	3,526
Minnesota.....	846	992	1,035	43	4.3	1.6	0.8	756
Iowa.....	781	841	848	7	0.8	0.7	0.1	629
Missouri.....	1,199	1,360	1,412	52	3.8	1.3	0.7	1,007
North Dakota.....	162	173	181	8	4.4	0.7	0.8	138
South Dakota.....	183	195	196	2	0.8	0.6	0.2	148
Nebraska.....	395	433	445	12	2.7	0.9	0.5	331
Kansas.....	588	673	698	25	3.7	1.4	0.7	518
South Atlantic.....	5,540	7,268	8,117	849	11.7	2.7	2.1	5,949
Delaware.....	90	129	141	13	9.9	3.5	1.8	106
Maryland.....	641	863	971	108	12.5	3.0	2.2	733
District of Columbia.....	224	252	260	8	3.0	1.2	0.6	132
Virginia.....	846	1,074	1,201	127	11.8	2.4	2.1	899
West Virginia.....	519	521	524	3	0.6	(Z)	0.1	390
North Carolina.....	994	1,205	1,334	129	10.7	1.9	1.9	1,020
South Carolina.....	515	604	661	58	9.6	1.6	1.7	487
Georgia.....	890	1,070	1,200	129	12.1	1.8	2.2	888
Florida.....	822	1,550	1,825	275	17.7	6.3	3.1	1,295
East South Central.....	2,992	3,307	3,560	253	7.6	1.0	1.4	2,666
Kentucky.....	780	852	897	45	5.3	0.9	1.0	676
Tennessee.....	871	1,003	1,098	94	9.4	1.4	1.7	829
Alabama.....	786	884	960	76	8.6	1.2	1.6	718
Mississippi.....	555	568	605	37	6.6	0.2	1.2	443
West South Central.....	4,103	4,928	5,415	487	9.9	1.8	1.8	3,981
Arkansas.....	525	524	570	47	8.9	(Z)	1.6	424
Louisiana.....	725	892	977	84	9.5	2.1	1.7	700
Oklahoma.....	663	735	784	50	6.8	1.0	1.2	566
Texas.....	2,191	2,778	3,084	306	11.0	2.4	2.0	2,290
Mountain.....	1,447	1,976	2,224	248	12.6	3.1	2.3	1,649
Montana.....	176	202	212	10	4.7	1.4	0.9	153
Idaho.....	169	194	206	13	6.5	1.4	1.2	158
Wyoming.....	84	99	100	1	0.7	1.6	0.1	75
Colorado.....	392	529	588	59	11.1	3.0	2.0	426
New Mexico.....	177	251	267	16	6.3	3.5	1.2	204
Arizona.....	210	367	443	77	21.0	5.6	3.6	327
Utah.....	188	242	273	32	13.2	2.5	2.4	212
Nevada.....	50	92	134	42	45.9	6.0	7.2	93
Pacific.....	4,696	6,644	7,603	959	14.4	3.5	2.6	5,266
Washington.....	737	894	940	46	5.1	1.9	1.0	666
Oregon.....	479	558	622	64	11.4	1.5	2.1	452
California.....	3,336	4,981	5,807	826	16.6	4.0	2.9	3,980
Alaska.....	31	57	64	7	12.2	6.1	2.2	47
Hawaii.....	112	153	170	17	11.2	3.1	2.0	122

Z Less than 0.05 percent.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 356.

No. 42. HUSBAND-WIFE FAMILIES—CHARACTERISTICS, BY AGE OF HEAD AND PRESENCE AND AGE OF OWN CHILDREN UNDER 18 YEARS OLD: 1966

[In thousands, except average size. As of March. See headnote, table 40]

CHARACTERISTIC	HEAD UNDER 45 YEARS OLD					HEAD 45 TO 64 YEARS OLD			Head 65 years old and over
	Total	No own children under 18	One or more under 18			Total	No own children under 18	Some under 18	
			All under 6	Some under 6; some 6 to 17	All 6 to 17				
All families.....	21, 024	3, 517	5, 603	6, 267	5, 635	15, 659	9, 213	6, 445	5, 428
COLOR									
White.....	19, 180	3, 168	5, 115	5, 645	5, 251	14, 398	8, 537	5, 861	5, 053
Nonwhite.....	1, 843	349	488	622	384	1, 260	676	584	373
RESIDENCE									
Urban and rural nonfarm..	20, 114	3, 433	5, 429	5, 921	5, 330	14, 343	8, 483	5, 860	4, 963
Rural farm.....	912	84	175	346	306	1, 313	730	584	465
SIZE OF FAMILY									
2 persons.....	3, 064	3, 064	(X)	(X)	(X)	5, 953	5, 953	(X)	4, 245
3 persons.....	3, 854	317	2, 532	(X)	1, 005	3, 744	2, 214	1, 530	767
4 persons.....	5, 522	104	2, 106	1, 159	2, 153	2, 807	710	2, 096	231
5 persons.....	4, 154	21	766	1, 918	1, 448	1, 474	185	1, 290	86
6 persons.....	2, 339	7	148	1, 522	661	782	82	700	46
7 persons or more.....	2, 090	4	51	1, 668	367	899	69	830	54
Average (mean) size.....	4. 41	2. 18	3. 78	6. 02	4. 61	3. 46	2. 54	4. 78	2. 37

X Not applicable.  
Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

No. 43. INSTITUTIONAL POPULATION—STATES: 1950 AND 1960

STATE	1950	1960	STATE	1950	1960
United States.....	1,573,623	1,893,871	South Atlantic—Con.		
New England.....	125,822	136,196	West Virginia.....	15,265	15,844
Maine.....	9,861	9,550	North Carolina.....	32,692	40,941
New Hampshire.....	7,416	7,862	South Carolina.....	15,154	21,655
Vermont.....	4,298	5,165	Georgia.....	31,703	40,975
Massachusetts.....	69,422	74,909	Florida.....	22,870	41,382
Rhode Island.....	8,051	9,155	East South Central.....	85,241	98,275
Connecticut.....	26,774	29,555	Kentucky.....	24,548	27,073
Middle Atlantic.....	375,811	421,493	Tennessee.....	26,612	28,614
New York.....	209,786	237,419	Alabama.....	21,430	27,195
New Jersey.....	50,479	58,711	Mississippi.....	12,651	15,393
Pennsylvania.....	115,546	125,363	West South Central.....	104,632	140,315
East North Central.....	331,061	382,669	Arkansas.....	13,060	15,377
Ohio.....	87,724	99,005	Louisiana.....	18,972	26,028
Indiana.....	38,416	46,805	Oklahoma.....	19,152	25,542
Illinois.....	99,790	109,811	Texas.....	53,448	73,368
Michigan.....	67,596	80,940	Mountain.....	42,447	56,599
Wisconsin.....	37,535	46,108	Montana.....	5,283	6,135
West North Central.....	142,261	170,574	Idaho.....	4,081	4,159
Minnesota.....	30,887	40,881	Wyoming.....	2,754	3,420
Iowa.....	27,493	31,708	Colorado.....	15,246	19,781
Missouri.....	38,009	43,240	New Mexico.....	3,869	5,484
North Dakota.....	5,887	6,295	Arizona.....	5,993	9,731
South Dakota.....	6,654	6,349	Utah.....	3,906	5,923
Nebraska.....	14,361	17,560	Nevada.....	1,315	1,966
Kansas.....	18,970	24,541	Pacific.....	167,306	227,244
South Atlantic.....	199,042	260,506	Washington.....	27,638	35,013
Delaware.....	4,040	5,172	Oregon.....	14,760	21,395
Maryland.....	27,748	34,981	California.....	118,003	164,859
District of Columbia.....	13,088	14,227	Alaska.....	1,864	1,181
Virginia.....	36,482	45,329	Hawaii.....	5,041	4,796

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. IV, Part 20, and *1960*, Series PC (2)-8A.



# No. 44. RELIGION REPORTED BY THE POPULATION, BY COLOR, SEX, AND RESIDENCE: 1957

[In thousands of persons 14 years old and over. As of March. Excludes Alaska and Hawaii. Based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, p. 1]

RELIGION	Total	COLOR AND SEX				RESIDENCE			Median age (years)
		White		Nonwhite		Urban		Rural	
		Male	Female	Male	Female	Total	Urban-ized areas of 250,000 or more		
<b>Total</b> .....	<b>119, 333</b>	<b>51, 791</b>	<b>55, 570</b>	<b>5, 679</b>	<b>6, 293</b>	<b>76, 298</b>	<b>43, 671</b>	<b>43, 035</b>	<b>40. 4</b>
Protestant.....	78, 952	32, 320	36, 155	4, 851	5, 626	44, 726	21, 458	34, 226	40. 8
Baptist.....	23, 525	7, 822	8, 450	3, 354	3, 899	(NA)	(NA)	(NA)	(NA)
Lutheran.....	8, 417	4, 084	4, 301	17	15	(NA)	(NA)	(NA)	(NA)
Methodist.....	16, 676	6, 788	7, 821	968	1, 099	(NA)	(NA)	(NA)	(NA)
Presbyterian.....	6, 656	3, 000	3, 549	57	50	(NA)	(NA)	(NA)	(NA)
Other Protestant.....	23, 678	10, 626	12, 034	455	563	(NA)	(NA)	(NA)	(NA)
Roman Catholic.....	30, 669	14, 396	15, 499	361	413	24, 173	16, 528	6, 496	38. 7
Jewish.....	3, 868	1, 860	1, 999	1	8	3, 718	3, 380	150	44. 5
Other religion.....	1, 545	688	676	88	93	1, 196	817	349	43. 5
No religion.....	3, 195	2, 051	730	306	108	1, 732	942	1, 463	42. 0
Religion not reported.....	1, 104	476	511	72	45	753	546	351	(1)

NA Not available. <sup>1</sup> Included with "Other religion."

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 79.

# No. 45. RELIGIOUS BODIES—CHURCH MEMBERSHIP, NUMBER OF PASTORS, AND SUNDAY SCHOOL ENROLLMENT

[Prior to 1959, excludes Alaska and Hawaii. Represents latest information available from religious bodies; excludes a few groups giving no data, such as Church of Christ, Scientist. Totals include, substantially, those religious bodies reporting to Bureau of the Census for Census of Religious Bodies in 1936. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jews regard as members all Jews in communities having congregations; Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and Protestant Episcopal Church now report all baptized persons, and not only those confirmed]

RELIGIOUS BODY	Year	Churches reported	Member-ship (1,000)	Pastors with charges	Sunday school enrollment <sup>1</sup> (1,000)
<b>Total</b> .....	<b>(X)</b>	<b>326, 096</b>	<b>124, 682</b>	<b>263, 199</b>	<b>46, 856</b>
<b>Bodies with membership of 50,000 or over</b> .....	<b>(X)</b>	<b>307, 560</b>	<b>122, 738</b>	<b>248, 207</b>	<b>45, 440</b>
Adventist Bodies: Seventh-day Adventists.....	1965	3, 156	365	<sup>2</sup> 2, 554	369
Apostolic Overcoming Holy Church of God.....	1956	300	75	300	4
Armenian Church of North America.....	1965	56	164	51	7
Assemblies of God.....	1965	8, 443	572	15, 669	1, 013
<b>Baptist Bodies:</b>					
American Baptist Association.....	1965	3, 227	726	3, 000	311
American Baptist Convention.....	1964	6, 119	1, 495	4, 868	918
Baptist General Conference.....	1965	571	87	498	117
Conservative Baptist Association of America.....	1965	1, 500	325	1, 422	<sup>3</sup> 300
Free Will Baptists.....	1965	2, 028	173	2, 028	<sup>4</sup> 145
General Association of Regular Baptist Churches.....	1963	1, 100	155	1, 000	(NA)
General Baptists.....	1965	837	63	755	75
National Baptist Convention of America.....	1956	11, 398	2, 669	7, 598	<sup>5</sup> 2, 500
National Baptist Convention, U.S.A., Inc.....	1958	26, 000	5, 500	26, 000	<sup>6</sup> 2, 407
National Baptist Evangelical Life and Soul Saving Assembly of U.S.A.....	1951	264	58	128	<sup>7</sup> 46
National Primitive Baptist Convention of the U.S.A.....	1964	1, 880	769	575	323
North American Baptist Association.....	1961	1, 450	174	1, 400	382
North American Baptist General Conference.....	1965	329	54	354	57
Primitive Baptists.....	1950	1, 000	72	(NA)	<sup>8</sup> 40
Progressive National Baptist Convention, Inc.....	1965	487	516	487	<sup>9</sup> 604
Southern Baptist Convention.....	1965	33, 774	10, 771	30, 522	7, 657
United Baptists.....	1955	586	64	415	15
United Free Will Baptist Church.....	1952	836	<sup>10</sup> 100	915	32
Brethren (German Baptist): Church of the Brethren.....	1965	1, 067	195	849	157
Buddhist Churches of America.....	1965	93	92	108	17
Christian and Missionary Alliance.....	1965	1, 057	65	992	144
Christian Churches (Disciples of Christ), International Convention.....	1965	8, 081	1, 918	<sup>4</sup> 7, 335	1, 107

See footnotes at end of table.

**No. 45. RELIGIOUS BODIES—CHURCH MEMBERSHIP, NUMBER OF PASTORS, AND  
SUNDAY SCHOOL ENROLLMENT—Continued**

RELIGIOUS BODY	Year	Churches reported	Members- hip (1,000)	Pastors with charges	Sunday school enrollment <sup>1</sup> (1,000)
<b>Bodies with membership of 50,000 or over—Con.</b>					
Churches of God:					
Church of God (Cleveland, Tenn.).....	1964	3, 575	205	3, 411	341
Church of God (Anderson, Ind.).....	1965	2, 287	143	1, 750	252
The Church of God.....	1965	1, 921	74	1, 891	99
Church of God in Christ.....	1965	4, 500	426	4, 000	136
Church of the Nazarene.....	1965	4, 580	343	4, 078	746
Churches of Christ.....	1965	18, 500	2, 350	4, 300	<sup>9</sup> 210
Congregational Churches, National Association of.....	1965	300	110	260	18
Eastern Churches:					
American Carpatho-Russian Orthodox Greek Catholic Church.....	1965	69	104	71	5
Bulgarian Eastern Orthodox Church.....	1962	23	86	10	1
Greek Archdiocese of North and South America.....	1965	443	1, 770	468	71
Romanian Orthodox Episcopate of America.....	1965	44	50	34	1
The Russian Orthodox Church Outside Russia.....	1955	81	<sup>11</sup> 55	92	(NA)
The Russian Orthodox Greek Catholic Church of America.....	1965	397	<sup>9</sup> 600	326	<sup>9</sup> 18
Serbian Eastern Orthodox Church.....	1963	76	50	72	7
Syrian Antiochian Orthodox Church.....	1963	81	110	81	20
Ukrainian Orthodox Church of U.S.A.....	1965	105	87	100	5
Evangelical Covenant Church of America.....	1965	533	66	503	76
Evangelical United Brethren Church.....	1964	4, 093	736	2, 857	704
Federated Churches.....	1936	508	88	(NA)	70
Friends: United Meeting.....	1965	487	70	352	44
Independent Fundamental Churches of America.....	1965	852	107	673	<sup>9</sup> 163
International Church of the Foursquare Gospel.....	1963	741	89	741	72
Jehovah's Witnesses.....	1965	5, 141	330	(X)	(X)
Jewish Congregations.....	1962	<sup>12</sup> 4, 079	<sup>4</sup> 5, 600	3, 830	297
Latter-day Saints:					
Church of Jesus Christ of Latter-day Saints.....	1965	4, 222	1, 789	4, 222	1, 778
Reorganized Church of Jesus Christ of Latter-day Saints.....	1965	999	168	999	88
Lutherans:					
Lutheran Council in the U.S.A.:					
American Lutheran Church, The.....	1965	4, 900	2, 542	3, 879	914
Lutheran Church in America.....	1965	5, 857	3, 143	4, 957	1, 174
Lutheran Church, Missouri Synod.....	1965	5, 639	2, 693	4, 618	969
Other Lutheran Bodies:					
Wisconsin Evangelical Lutheran Synod.....	1964	869	358	629	<sup>4</sup> 54
Mennonite Bodies: Mennonite Church.....	1965	963	80	1, 300	127
Methodist Bodies:					
African Methodist Episcopal Church.....	1951	5, 878	1, 166	5, 878	<sup>2</sup> 400
African Methodist Episcopal Zion Church.....	1965	4, 583	1, 100	2, 850	<sup>13</sup> 199
Christian Methodist Episcopal Church.....	1965	2, 598	467	2, 214	<sup>12</sup> 115
Free Methodist Church of North America.....	1965	1, 162	59	1, 150	139
The Methodist Church.....	1965	38, 876	10, 332	24, 676	6, 902
Moravian Bodies: Moravian Church in America (Unitas Fratrum).....	1965	174	62	131	31
North American Old Roman Catholic Church.....	1965	42	89	32	(Z)
Pentecostal Assemblies:					
Pentecostal Church of God of America, Inc.....	1965	958	115	1, 000	<sup>2</sup> 110
Pentecostal Holiness Church, Inc.....	1965	1, 338	63	1, 156	118
United Pentecostal Church, Inc.....	1965	2, 000	125	2, 000	200
Pilgrim Holiness Church.....	1965	1, 431	57	927	142
Polish National Catholic Church of America.....	1960	162	282	151	<sup>11</sup> 24
Presbyterian Bodies:					
Cumberland Presbyterian Church.....	1965	967	79	<sup>4</sup> 615	64
Presbyterian Church in the U.S.....	1965	4, 008	950	2, 744	686
The United Presbyterian Church in the U.S.A.....	1965	9, 026	3, 304	7, 800	1, 734
Protestant Episcopal Church.....	1964	7, 202	3, 411	5, 691	953
Reformed Bodies:					
Christian Reformed Church.....	1965	624	272	490	76
Reformed Church in America.....	1965	927	232	865	166
Roman Catholic Church.....	1965	23, 668	46, 246	17, 765	<sup>14</sup> 4, 857
Salvation Army.....	1965	1, 219	288	2, 286	134
Spiritualists: International General Assembly of Spiritualists.....	1956	209	164	221	<sup>15</sup> 5
Unitarian Universalist Association.....	1965	1, 044	167	568	93
United Church of Christ.....	1965	6, 960	2, 070	6, 670	1, 085
<b>Bodies with membership of less than 50,000.....</b>	<b>(X)</b>	<b>18, 536</b>	<b>1, 944</b>	<b>14, 992</b>	<b>1, 416</b>

NA Not available. X Not applicable. Z Less than 500.

<sup>1</sup> Includes pupils, officers, and teachers enrolled. <sup>2</sup> 1961 data. <sup>3</sup> 1960 data. <sup>4</sup> 1963 data. <sup>5</sup> 1955 data.

<sup>6</sup> 1957 data. <sup>7</sup> 1949 data. <sup>8</sup> 1936 data. <sup>9</sup> 1964 data. <sup>10</sup> 1958 data. <sup>11</sup> 1951 data. <sup>12</sup> 1954 data.

<sup>13</sup> 1959 data. <sup>14</sup> Represents public school children receiving religious instruction. <sup>15</sup> 1952 data.

Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches*.

### No. 46. RELIGIOUS BODIES—CHURCH MEMBERSHIP AND SUNDAY SCHOOLS: 1940 TO 1965

[See headnote, table 45. See also *Historical Statistics, Colonial Times to 1957*, series H 531-537]

ITEM	1940	1950	1960	1962	1963	1964	1965
<b>All religious bodies:</b>							
Number of members.....1,000.....	64,502	86,830	114,449	117,946	120,965	123,307	124,682
Percent of total population <sup>1</sup> .....	49	57	64	63	64	64	64
Average number per local church.....	265	304	359	370	376	381	382
All Protestant bodies.....1,000.....	37,815	51,080	63,669	64,930	66,854	68,299	69,088
The Roman Catholic Church.....1,000.....	21,284	28,635	42,105	43,848	44,874	45,641	46,246
Other.....1,000.....	5,403	7,116	8,675	9,168	9,237	9,367	9,348
<b>Sunday and Sabbath Schools:</b>							
Number of schools.....1,000.....	<sup>2</sup> 213	246	284	288	282	290	295
Enrollment.....1,000.....	<sup>2</sup> 24,101	29,775	43,231	44,616	45,805	46,752	46,856

<sup>1</sup> Based on Bureau of the Census estimated population as of July 1.

<sup>2</sup> 1941-1942.

Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches*.

### No. 47. RELIGIOUS BODIES—CHURCH CONTRIBUTIONS: 1965

[Represents data for 38 religious bodies reporting annual contributions. Relates to confirmed, communicant, or full membership, as defined by the religious bodies shown]

RELIGIOUS BODY	TOTAL CONTRIBUTIONS		BENEVOLENCES <sup>1</sup>		Congrega- tional expenses <sup>2</sup> (\$1,000)
	Amount (\$1,000)	Per member	Total (\$1,000)	Percent of total contri- butions	
<b>Total, 38 bodies.....</b>	<b>3,172,115</b>	<b>\$77.57</b>	<b>569,589</b>	<b>18.0</b>	<b>2,602,526</b>
<b>Bodies with membership of 50,000 or over.....</b>	<b>3,113,733</b>	<b>76.85</b>	<b>555,826</b>	<b>17.9</b>	<b>2,557,907</b>
Baptist: American Convention.....	109,063	72.95	16,970	15.6	92,093
North American General Conference.....	6,883	128.14	1,488	21.6	5,394
Southern Convention.....	637,959	59.22	106,744	16.7	531,215
Brethren: Church of the Brethren.....	15,906	81.56	4,548	28.6	11,358
Church of God (Anderson, Ind.).....	24,059	167.97	3,311	13.8	20,748
Church of the Nazarene.....	59,895	168.33	11,875	19.8	48,020
Christian (Disciples of Christ).....	107,128	95.91	18,414	17.2	88,713
Evangelical Covenant Church of America.....	13,471	205.10	3,396	25.2	10,075
Evangelical United Brethren.....	58,386	78.92	11,740	20.1	46,646
Lutheran: American Lutheran Church.....	151,641	86.70	27,389	18.1	124,251
Lutheran Church in America.....	177,836	79.30	36,833	20.7	141,003
Missouri Synod.....	194,111	106.66	43,644	22.5	150,467
Wisconsin Synod.....	20,357	82.21	4,776	23.5	15,581
Mennonite: Mennonite Church (Scottsdale, Pa.).....	6,883	116.84	3,282	47.7	3,602
Methodist: The Methodist Church.....	634,516	61.42	104,194	16.4	530,322
Pentecostal Holiness.....	8,240	129.87	868	10.5	7,373
Presbyterian: Cumberland.....	5,602	95.16	817	14.6	4,785
U.S.....	112,803	118.72	27,303	24.2	85,501
United, U.S.A.....	316,784	95.75	59,029	18.6	257,755
Protestant Episcopal.....	246,588	106.80	36,784	14.9	209,803
Reformed Church in America.....	30,579	131.57	7,890	25.8	22,688
United Church of Christ.....	175,042	79.31	24,528	14.0	150,514
<b>Bodies with membership of less than 50,000.....</b>	<b>58,382</b>	<b>15.51</b>	<b>13,764</b>	<b>23.6</b>	<b>44,618</b>

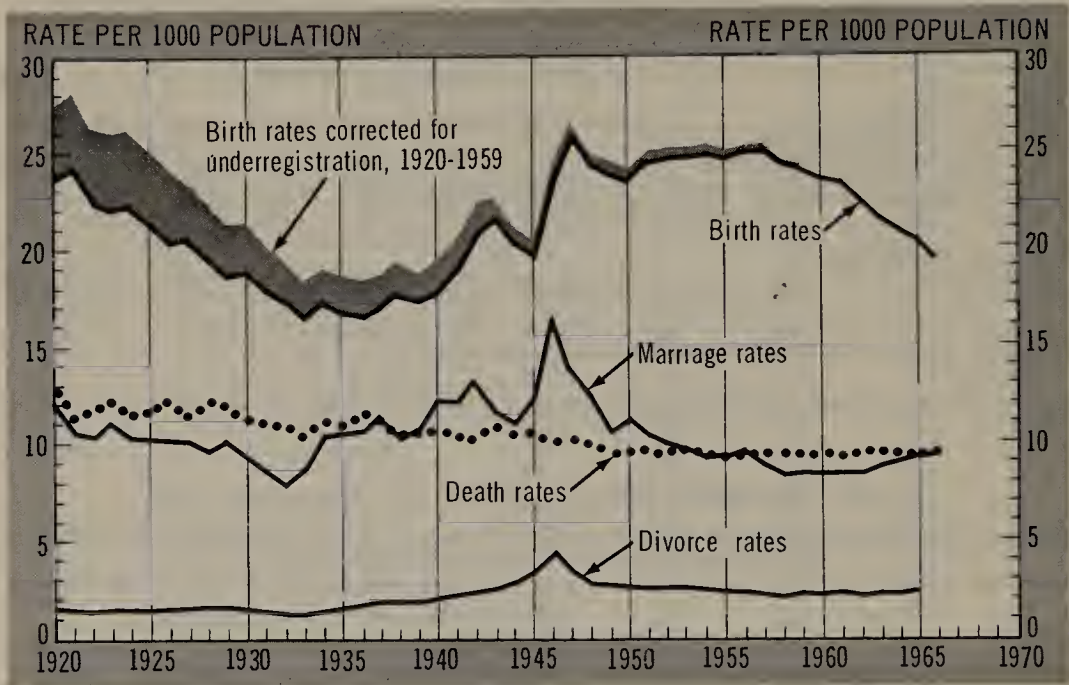
<sup>1</sup> Includes contributions for home, foreign missions, foreign relief, social welfare, and education.

<sup>2</sup> Represents contributions to local parish or church for building funds, repairs, fuel, salaries of ministers and other employees, and other expenses.

Source: National Council of the Churches of Christ in the United States of America; *Statistics of Church Finances*, 1966.

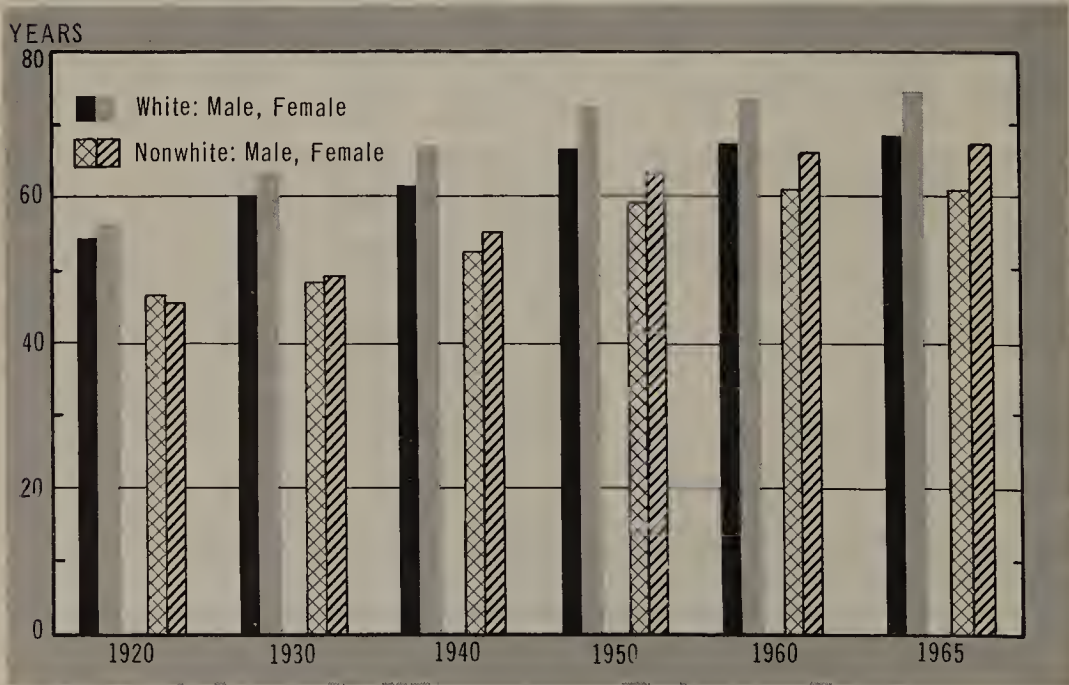


Fig. V. VITAL STATISTICS RATES: 1920 TO 1966  
[See table 48]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Health, Education, and Welfare, Public Health Service.

Fig. VI. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1965  
[See table 61]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Health, Education, and Welfare, Public Health Service.

## Section 2

### Vital Statistics, Health, and Nutrition

This section presents vital statistics—data on births, deaths, fetal deaths (stillbirths), marriages, divorces—and data on communicable diseases, mental illness, medical care, hospitals, and nutrition. Vital statistics are compiled and published by the Public Health Service in the annual report, *Vital Statistics of the United States*, in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report*. Reports in this field are also issued by the individual State bureaus of vital statistics.

**Births and deaths.**—The collection of death statistics on an annual basis began in 1900. Then the death-registration States consisted of 10 States and the District of Columbia. In 1915, the collection of birth statistics began with 10 States and the District of Columbia. The changing composition of the two registration areas<sup>1</sup> makes it impossible to obtain geographically comparable birth and death data for the entire United States before 1933. However, the rates for the expanding groups of registration States are approximations of national rates, and general comparisons over a long period of years can be made. Beginning with 1933, the birth and death registration areas have comprised the entire United States, including Alaska beginning 1959 and Hawaii beginning 1960. National statistics on fetal deaths were compiled for 1918 and annually since 1922.

Prior to 1951, and in 1955, birth statistics were based on a complete count of the records received in the Public Health Service. From 1951 to 1954, and for 1956 and subsequent years, the figures were based on a 50-percent sample of all registered births. Adjustments shown for underregistration of births are based on the results of nationwide tests of registration completeness in 1940 and 1950. Such adjustments in the published data were discontinued in 1960.

Current provisional death statistics are based on a 10-percent sample of death certificates filed in State vital statistics offices. Fetal deaths (stillbirths) and deaths among Armed Forces abroad are excluded.

Mortality statistics are compiled in accordance with World Health Organization regulations, which specify that member nations classify causes of death according to the *International Statistical Classification of Diseases, Injuries, and Causes of Death*. The current classification, "Seventh Revision of the International Lists," has been used in the United States beginning with 1958. It has been the practice to revise the *International Lists* every 10 years to keep abreast of medical knowledge. Each revision has produced some break in the comparability of cause-of-death statistics. Comparability ratios which measure the net effect of changes in classifications according to the Fifth and Sixth Revisions are shown in *Vital Statistics—Special Reports*, Vol. 51, Nos. 2 and 3; and according to the Sixth and Seventh Revisions in *Vital Statistics of the United States*, 1958, Vol. 1, and in *Vital Statistics—Special Reports*, Vol. 51, No. 4. The extent of earlier changes is discussed in "The Effect of the Sixth Revision of the International Lists of Diseases and Causes of Death Upon Comparability of Mortality Trends," *Vital Statistics—Special Reports*, Vol. 36, No. 10, and *Vital Statistics of the United States*, 1958, Vol. 1.

Births, deaths, and fetal deaths are classified by place of occurrence and by place of residence of the mother or of the decedent.

**Marriages and divorces.**—National collections of statistics on marriages and divorces in the United States were made for the years 1867 to 1906, 1916, 1922 to 1932, 1937 to

<sup>1</sup> For coverage of these areas, see *Historical Statistics of the United States, Colonial Times to 1957*, series B 1-5.



1940, and each year since 1944. Estimates have been made for the intervening years as well as for years in which collections were not complete. A marriage-registration area was established by the Public Health Service in 1957, and a divorce-registration area in 1958. At the beginning of 1967, the marriage-registration area covered 36 States and 3 independent registration areas; the divorce-registration area, 22 States and 1 independent registration area.

**Vital statistics rates.**—Vital statistics rates computed by the Public Health Service are based upon the enumerated population figures as of April 1 for 1940, 1950, and 1960 and upon the estimated midyear population figures for other years, provided by the Bureau of the Census unless otherwise noted. Birth and divorce rates for 1940 and 1947 to 1960, and death and marriage rates for 1940 to 1960, for the United States and the individual States are based on total population present in the area.

**Morbidity.**—Annual data on notifiable diseases, based on reports from State health departments, are compiled by the Public Health Service at its Communicable Disease Center in Atlanta, Georgia, and published as a supplement to its *Morbidity and Mortality Weekly Report*. The list of notifiable diseases is revised biennially and includes those which, by mutual agreement of the States and the Public Health Service, are communicable diseases of national importance.

General health statistics, including morbidity, disability, and the utilization of health services, are provided by the various surveys that make up the National Health Survey of the Public Health Service. They are published in *Vital and Health Statistics*, Series 10 and 11. Morbidity statistics for members of the Armed Forces are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics of industrial injuries (see p. 245).

**Medical care.**—Data on persons receiving inpatient care in short-stay hospitals, resident patients in mental hospitals, and residents of homes for the aged and chronically ill, are collected by the Public Health Service and presented in *Vital and Health Statistics*, Series 12 and 13; data on patient visits to physicians, dentists, and other providers of health care are furnished in Series 10.

Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, psychiatric services of general hospitals, outpatient psychiatric clinics, and institutions for the mentally retarded. From 1923 to 1946, data on mental health were collected annually by the Bureau of the Census. Since 1946 they have been issued by the Public Health Service. Beginning with 1947, hospital data appear annually in *Patients in Mental Institutions*, and beginning with 1959, clinic data appear in *Data on Patients of Outpatient Psychiatric Clinics in the United States*.

Statistics on institutional population based on the 1960 Census of Population include information on number and characteristics of persons in long-term hospitals, in homes and schools for the mentally and physically handicapped, and in homes for the aged and dependent (*U.S. Census of Population, 1960*, PC(2)–8A).

Statistics of hospitals are obtained from the American Hospital Association's annual survey of hospitals. They are published annually in *Hospitals*, Guide Issue, and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements, as follows: It must have at least 6 beds for the care of nonrelated patients for an average stay of over 24 hours per admission; be constructed and equipped to insure safety of patients and to provide sanitary facilities for their treatment; have an organized medical staff, registered nurse supervision, and nursing care for round-the-clock patient care; maintain clinical records on all patients and submit evidence of patient care by doctors; provide minimal surgical and obstetrical facilities or relatively complete diagnostic and treatment facilities; have diagnostic X-ray and clinical laboratory services readily available; and offer services more intensive than those required merely for room, board, personal services, and general nursing care.



Statistics supporting comprehensive, long-range plans for construction of hospitals and related medical facilities authorized under Title VI of the Public Health Service Act, as amended, are submitted annually by the Hill-Burton State Agencies to the Public Health Service. National data on hospital beds in 1948 to 1962 and detailed State data as of January 1, 1962, appear in *Hill-Burton State Plan Data: A National Summary as of January 1, 1962*, Public Health Service Publication No. 930-F-2.

Data on physicians, dentists, nurses, and other providers of health services are published in the *Health Manpower Source Book Series*, Public Health Service Publication Number 263. A comprehensive compilation of data on some 35 categories of health occupations is presented in *Health Resources Statistics: Health Manpower, 1965*, Public Health Service Publication Number 1509.

**Nutrition.**—Statistics on the apparent per capita consumption of food and its nutrient value are estimated by the Department of Agriculture and published quarterly (nutrient value, annually) in the *National Food Situation*. A discussion of methods used to compute these figures and more detailed information appear in Statistical Bulletin No. 364, *U.S. Food Consumption; Sources of Data and Trends, 1909-63*, and the annual supplements. Data on Federal food distribution programs, quantity and cost of food commodities distributed, and number of persons participating in the programs are published annually in *Agricultural Statistics*.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 48. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, AND RATES: 1910 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series B 7-9, B 129, B 176, and B 178]

YEAR	NUMBER (1,000)					RATE PER 1,000 POPULATION <sup>3</sup>				
	Births		Deaths (regis- tered)	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>	Births		Deaths (regis- tered)	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>
	Regis- tered	Adjusted for under- regis- tration				Regis- tered	Adjusted for under- regis- tration			
1910-----	(4)	2,777	<sup>5</sup> 697	948	83	(4)	30.1	<sup>5</sup> 14.7	10.3	0.9
1915-----	<sup>5</sup> 776	2,965	<sup>5</sup> 816	1,008	104	<sup>5</sup> 25.0	29.5	<sup>5</sup> 13.2	10.0	1.0
1920-----	<sup>5</sup> 1,509	2,950	<sup>5</sup> 1,118	1,274	171	<sup>5</sup> 23.7	27.7	<sup>5</sup> 13.0	12.0	1.6
1925-----	<sup>5</sup> 1,879	2,909	<sup>5</sup> 1,192	1,188	175	<sup>5</sup> 21.3	25.1	<sup>5</sup> 11.7	10.3	1.5
1930-----	<sup>5</sup> 2,204	2,618	<sup>5</sup> 1,327	1,127	196	<sup>5</sup> 18.9	21.3	<sup>5</sup> 11.3	9.2	1.6
1935-----	2,155	2,377	1,393	1,327	218	16.9	18.7	10.9	10.4	1.7
1940-----	2,360	2,559	1,417	1,596	264	17.9	19.4	10.8	12.1	2.0
1945-----	2,735	2,858	1,402	1,613	485	19.5	20.4	10.6	12.2	3.5
1950-----	3,554	3,632	1,452	1,667	385	23.6	24.1	9.6	11.1	2.6
1955-----	4,047	4,104	1,529	1,531	377	24.6	25.0	9.3	9.3	2.3
1960-----	4,258		1,712	1,523	393	23.7		9.5	8.5	2.2
1961-----	4,268		1,702	1,548	414	23.3		9.3	8.5	2.3
1962-----	4,167		1,757	1,577	413	22.4		9.5	8.5	2.2
1963-----	4,098		1,814	1,654	428	21.7		9.6	8.8	2.3
1964-----	4,027		1,798	<sup>6</sup> 1,720	<sup>6</sup> 445	21.0		9.4	<sup>6</sup> 9.0	<sup>6</sup> 2.3
1965-----	3,760		1,828	<sup>6</sup> 1,789	<sup>6</sup> 481	19.4		9.4	<sup>6</sup> 9.2	<sup>6</sup> 2.5
1966 <sup>6</sup> -----	3,629		1,869	1,844	(NA)	18.5		9.5	9.4	(NA)

NA Not available. <sup>1</sup> Includes estimates and marriage licenses for some States for all years.

<sup>2</sup> Includes reported annulments and some estimated State figures for all years.

<sup>3</sup> For 1940, 1950, and 1960, based on population enumerated as of Apr. 1; for all other years, estimated as of July 1. All rates are based on population excluding Armed Forces abroad, except 1945 birth and divorce rates based on population including Armed Forces abroad. <sup>4</sup> Collection of birth certificates began in 1915.

<sup>5</sup> Represents birth registration States only; see text, p. 45. <sup>6</sup> Provisional.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 49. LIVE BIRTHS AND RATES, BY COLOR: 1910 TO 1965

[Number in thousands. Prior to 1959, excludes Alaska, and 1960, Hawaii. Prior to 1959, data are adjusted for underregistration; 1959 data are shown for both adjusted and registered births; beginning 1960, registered births only. For total adjusted and registered births, see table 48. See also *Historical Statistics, Colonial Times to 1957*, series B 6 and B 19-21]

YEAR	NUMBER <sup>1</sup>		RATE PER 1,000 POPULATION <sup>2</sup>		YEAR	NUMBER <sup>1</sup>		RATE PER 1,000 POPULATION <sup>2</sup>	
	White	Non-white	White	Non-white		White	Non-white	White	Non-white
1910.....	2,401	( <sup>3</sup> )	29.2	( <sup>3</sup> )	1959 (adj.).....	3,622	673	23.1	34.2
1920.....	2,566	383	26.9	35.0	1959 (reg.).....	3,597	647	22.9	32.8
1930.....	2,274	344	20.6	27.5	1960.....	3,601	657	22.7	32.1
1935.....	2,042	334	17.9	25.8	1961.....	3,601	667	22.2	31.6
1940.....	2,199	360	18.6	26.7	1962.....	<sup>4</sup> 3,394	<sup>4</sup> 642	<sup>4</sup> 21.4	<sup>4</sup> 30.5
1945.....	2,471	388	19.7	26.5	1963.....	<sup>4</sup> 3,326	<sup>4</sup> 639	<sup>4</sup> 20.7	<sup>4</sup> 29.7
1950.....	3,108	524	23.0	33.3	1964.....	3,369	658	20.0	29.2
1955.....	3,488	617	23.8	34.7	1965.....	3,124	636	18.3	27.6

<sup>1</sup> Includes adjustments for States not in the birth-registration area before 1933; see text, p. 45.  
<sup>2</sup> For 1940, 1950, and 1960, based on population enumerated as of Apr. 1; for all other years, estimated as of July 1. For 1945, based on population including Armed Forces abroad; for all other years based on total population (in specific group) residing in area.  
<sup>3</sup> Not estimated. Differences between estimated numbers of all births and white births do not give reliable estimates for nonwhite births.  
<sup>4</sup> Excludes data for residents of New Jersey since this State did not require reporting of color.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 50. LIVE BIRTHS, BY COLOR—STATES: 1964 AND 1965

[By place of residence. Represents registered births]

STATE	1964		1965		STATE	1964		1965	
	White	Non-white	White	Non-white		White	Non-white	White	Non-white
U.S.....	3,369,160	658,330	3,123,860	636,498	S.A.—Con.				
N.E.....	212,974	10,276	202,362	10,768	W. Va.....	34,080	1,578	30,472	1,636
Maine.....	20,982	282	19,508	246	N.C.....	72,768	33,306	66,330	31,334
N.H.....	13,710	72	12,946	92	S.C.....	33,262	23,612	30,630	22,292
Vt.....	8,662	16	8,108	28	Ga.....	65,216	35,434	60,092	34,358
Mass.....	100,440	4,194	96,092	4,438	Fla.....	83,402	30,582	77,420	29,358
R.I.....	17,294	734	16,538	786	E.S.C.....	199,416	81,798	181,750	75,846
Conn.....	51,886	4,978	49,170	5,178	Ky.....	62,214	5,744	56,278	5,286
M.A.....	601,756	100,660	565,716	99,688	Tenn.....	62,720	17,566	56,412	16,638
N.Y.....	296,362	55,240	280,666	54,962	Ala.....	48,516	27,800	44,820	25,822
N.J.....	111,814	20,258	104,590	20,604	Miss.....	25,966	30,688	24,240	28,100
Pa.....	193,580	25,162	180,460	24,122	W.S.C.....	318,354	90,864	290,146	84,886
E.N.C.....	710,144	92,206	659,908	91,518	Ark.....	29,506	11,848	25,750	10,996
Ohio.....	187,528	22,232	174,404	20,986	La.....	51,888	34,254	47,602	32,070
Ind.....	97,434	8,588	89,810	8,266	Okla.....	40,476	7,146	36,288	6,618
Ill.....	184,392	37,856	170,284	37,904	Tex.....	196,484	37,616	180,506	35,202
Mich.....	155,602	19,904	146,208	20,600	Mt.....	159,060	15,088	145,390	14,968
Wis.....	85,188	3,626	79,202	3,762	Mont.....	13,862	1,238	12,394	1,244
W.N.C.....	302,532	22,560	275,282	21,868	Idaho.....	13,726	354	13,004	366
Minn.....	75,120	1,744	69,054	1,692	Wyo.....	6,908	328	6,288	284
Iowa.....	54,462	980	50,026	962	Colo.....	38,874	1,754	34,900	1,884
Mo.....	75,596	13,010	68,742	12,632	N. Mex.....	23,344	3,494	20,918	3,392
N. Dak.....	13,792	678	12,504	696	Ariz.....	30,244	6,060	27,964	5,958
S. Dak.....	14,128	1,492	12,388	1,496	Utah.....	23,324	600	21,646	648
Nebr.....	29,200	1,532	26,280	1,448	Nev.....	8,778	1,260	8,276	1,192
Kans.....	40,234	3,124	36,288	2,942	Pac.....	427,552	62,752	401,608	63,168
S.A.....	437,372	182,126	401,698	173,788	Wash.....	53,702	3,430	49,460	3,352
Del.....	9,084	2,360	8,506	2,180	Oreg.....	32,308	1,250	31,712	1,276
Md.....	61,420	17,094	57,340	16,456	Calif.....	331,120	43,852	310,710	44,882
D.C.....	5,010	14,384	3,954	14,086	Alaska.....	4,956	2,318	4,704	2,360
Va.....	73,130	23,776	66,954	22,088	Hawaii.....	5,466	11,902	5,022	11,298

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.



## No. 51. LIVE BIRTHS AND BIRTH RATES—STATES: 1940 TO 1966

[By place of residence. Data for 1940 and 1950 are adjusted for underregistration; beginning 1960, registered births only. Adjusted figures are shown to the last digit as computed, for convenience in summation; they are not assumed to be correct to the last digit]

STATE	NUMBER					RATE PER 1,000 POPULATION <sup>2</sup>				
	1940	1950	1960	1965	1966 <sup>1</sup>	1940	1950	1960	1965	1966 <sup>1</sup>
<b>United States <sup>3</sup></b>	<b>2,558,647</b>	<b>3,631,512</b>	<b>4,257,850</b>	<b>3,760,358</b>	<b>3,629,000</b>	<b>19.4</b>	<b>24.1</b>	<b>23.7</b>	<b>19.4</b>	<b>18.5</b>
<b>New England</b>	<b>134,269</b>	<b>195,200</b>	<b>236,758</b>	<b>213,130</b>	<b>207,967</b>	<b>15.9</b>	<b>21.0</b>	<b>22.5</b>	<b>19.1</b>	<b>18.5</b>
Maine	15,797	21,257	23,218	19,754	18,105	18.6	23.3	24.0	19.9	18.4
New Hampshire	8,447	11,545	13,844	13,038	12,039	17.2	21.7	22.8	19.5	17.7
Vermont	7,143	9,042	9,408	8,136	7,870	19.9	23.9	24.1	20.5	19.4
Massachusetts	66,231	96,485	115,124	100,530	101,827	15.3	20.6	22.4	18.8	18.9
Rhode Island	10,956	16,228	18,396	17,324	16,837	15.4	20.5	21.4	19.4	18.7
Connecticut	25,695	40,643	56,768	54,348	51,289	15.0	20.2	22.4	19.2	17.8
<b>Middle Atlantic</b>	<b>429,577</b>	<b>623,467</b>	<b>733,294</b>	<b>665,404</b>	<b>636,565</b>	<b>15.6</b>	<b>20.7</b>	<b>21.5</b>	<b>18.3</b>	<b>17.3</b>
New York	198,687	302,344	359,452	335,628	322,765	14.7	20.4	21.4	18.6	17.7
New Jersey	60,400	98,187	132,374	125,194	116,873	14.5	20.3	21.8	18.5	16.9
Pennsylvania	170,490	222,936	241,468	204,582	196,927	17.2	21.2	21.3	17.8	17.0
<b>East North Central</b>	<b>469,997</b>	<b>719,549</b>	<b>877,300</b>	<b>751,426</b>	<b>729,125</b>	<b>17.7</b>	<b>23.7</b>	<b>24.2</b>	<b>19.7</b>	<b>18.9</b>
Ohio	120,193	187,649	230,718	195,390	190,160	17.4	23.6	23.8	19.1	18.5
Indiana	63,779	94,448	112,722	98,076	94,596	18.6	24.0	24.2	20.1	19.2
Illinois	128,310	191,758	238,928	208,188	200,290	16.2	22.0	23.7	19.6	18.7
Michigan	101,206	162,715	195,336	166,808	164,210	19.3	25.5	25.0	20.3	19.6
Wisconsin	56,509	82,979	99,596	82,964	79,860	18.0	24.2	25.2	20.0	19.2
<b>West North Central</b>	<b>248,261</b>	<b>337,615</b>	<b>368,888</b>	<b>297,150</b>	<b>281,858</b>	<b>18.4</b>	<b>24.0</b>	<b>24.0</b>	<b>18.7</b>	<b>17.8</b>
Minnesota	53,263	75,427	87,594	70,746	65,960	19.1	25.3	25.7	19.9	18.4
Iowa	47,337	63,074	64,162	50,988	49,598	18.6	24.1	23.3	18.5	18.1
Missouri	68,226	87,694	97,926	81,374	80,989	18.0	22.2	22.7	18.1	18.0
North Dakota	13,883	17,138	16,626	13,200	12,411	21.6	27.7	26.3	20.2	19.1
South Dakota	12,629	18,074	17,620	13,884	12,525	19.6	27.7	25.9	19.7	18.4
Nebraska	22,711	31,953	34,262	27,728	25,450	17.3	24.1	24.3	18.8	17.5
Kansas	30,212	44,255	50,698	39,230	34,925	16.8	23.2	23.3	17.6	15.5
<b>South Atlantic</b>	<b>430,363</b>	<b>557,786</b>	<b>628,716</b>	<b>575,486</b>	<b>549,181</b>	<b>24.1</b>	<b>26.3</b>	<b>24.2</b>	<b>20.0</b>	<b>18.8</b>
Delaware	4,662	7,686	11,580	10,686	10,203	17.5	24.2	25.9	21.2	19.9
Maryland	33,347	54,733	77,350	73,796	63,756	18.3	23.4	24.9	21.0	17.6
Dist. of Columbia	11,506	20,072	19,872	18,040	29,103	17.4	25.0	26.0	22.5	36.0
Virginia	62,044	84,317	95,534	89,042	79,703	23.2	25.4	24.1	20.0	17.7
West Virginia	48,788	53,405	39,474	32,108	30,797	25.7	26.6	21.2	17.7	17.2
North Carolina	93,986	110,701	109,774	97,664	92,863	26.3	27.3	24.1	19.9	18.6
South Carolina	58,139	64,005	59,812	52,922	50,609	30.6	30.2	25.1	20.8	19.6
Georgia	80,136	96,533	99,750	94,450	90,504	25.7	28.0	25.3	21.7	20.3
Florida	37,755	66,334	115,570	106,778	101,643	19.9	23.9	23.3	18.4	17.1
<b>East South Central</b>	<b>274,071</b>	<b>315,697</b>	<b>294,240</b>	<b>257,596</b>	<b>244,317</b>	<b>25.4</b>	<b>27.5</b>	<b>24.4</b>	<b>20.1</b>	<b>18.9</b>
Kentucky	71,347	79,139	72,208	61,564	59,222	25.1	26.9	23.8	19.4	18.6
Tennessee	69,341	84,116	82,036	73,050	71,011	23.8	25.6	23.0	19.0	18.3
Alabama	74,251	86,100	80,846	70,642	65,808	26.2	28.1	24.7	20.4	18.7
Mississippi	59,132	66,342	59,150	52,340	48,276	27.1	30.4	27.2	22.5	20.7
<b>West South Central</b>	<b>310,947</b>	<b>396,207</b>	<b>430,922</b>	<b>375,032</b>	<b>363,780</b>	<b>23.8</b>	<b>27.3</b>	<b>25.4</b>	<b>20.2</b>	<b>19.4</b>
Arkansas	51,278	51,830	40,582	36,746	34,461	26.3	27.1	22.7	18.7	17.6
Louisiana	58,925	79,757	90,212	79,672	77,609	24.9	29.7	27.7	22.5	21.5
Oklahoma	52,835	52,089	50,986	42,906	39,439	22.6	23.3	21.9	17.3	16.0
Texas	147,909	212,531	249,142	215,708	212,271	23.1	27.6	26.0	20.4	19.7
<b>Mountain</b>	<b>99,778</b>	<b>146,243</b>	<b>187,062</b>	<b>160,358</b>	<b>152,945</b>	<b>24.0</b>	<b>28.8</b>	<b>27.3</b>	<b>20.6</b>	<b>19.6</b>
Montana	11,840	15,694	17,444	13,638	12,526	21.2	26.6	25.9	19.3	17.8
Idaho	12,396	16,232	17,176	13,370	12,600	23.6	27.6	25.7	19.3	18.2
Wyoming	5,441	7,699	8,512	6,572	5,792	21.7	26.5	25.8	19.3	17.6
Colorado	23,412	34,969	42,912	36,784	36,107	20.8	26.4	24.5	18.7	18.3
New Mexico	16,818	23,468	30,680	24,310	22,022	31.6	34.5	32.3	23.6	21.5
Arizona	13,804	23,013	36,760	33,922	32,176	27.6	30.7	28.2	21.1	19.9
Utah	13,851	21,426	26,308	22,294	23,067	25.2	31.1	29.5	22.5	22.9
Nevada	2,216	3,742	7,270	9,468	8,655	20.1	23.4	25.5	21.5	19.1
<b>Pacific <sup>3</sup></b>	<b>161,384</b>	<b>339,748</b>	<b>500,670</b>	<b>464,776</b>	<b>454,559</b>	<b>16.6</b>	<b>23.5</b>	<b>23.6</b>	<b>19.0</b>	<b>18.3</b>
Washington	28,793	56,179	65,278	52,812	50,116	16.6	23.6	22.9	17.7	16.8
Oregon	18,108	36,423	38,414	32,988	32,860	16.6	23.9	21.7	17.4	16.8
California	114,483	247,146	372,210	355,592	350,091	16.6	23.3	23.7	19.1	18.5
Alaska	(NA)	4,010	7,562	7,064	6,515	(NA)	31.2	33.4	27.9	24.0
Hawaii	(NA)	14,067	17,206	16,320	14,977	(NA)	28.1	27.2	23.0	20.9

NA Not available.

<sup>1</sup> Provisional. By place of occurrence. U.S. total based on receipts corrected for observed differences between provisional and final data. State data are not corrected in this manner.

<sup>2</sup> Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1940, 1950, and 1960, and estimated as of July 1 thereafter.

<sup>3</sup> Prior to 1960, excludes Alaska and Hawaii.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.



## No. 52. LIVE BIRTHS, BY SEX OF CHILD AND BY ATTENDANT: 1940 TO 1965

[In thousands, except rate. Prior to 1960, excludes Alaska and Hawaii. Represents registered births. For total estimated births prior to 1960, see table 49]

YEAR	Total	NUMBER OF LIVE BIRTHS			ATTENDED BY—		
		Male	Female	Males per 1,000 females	Physician, in hospital <sup>1</sup>	Physician, not in hospital	Midwife, other, and not specified
1940.....	2,360	1,212	1,149	1,055	1,317	825	218
1945.....	2,735	1,405	1,331	1,056	2,156	403	177
1950.....	3,554	1,824	1,731	1,054	3,126	252	177
1955.....	4,047	2,074	1,974	1,051	3,819	101	128
1960.....	4,258	2,180	2,078	1,049	4,114	49	94
1961.....	4,268	2,186	2,082	1,050	4,135	44	90
1962.....	4,167	2,132	2,035	1,048	4,049	36	82
1963.....	4,098	2,102	1,996	1,053	3,989	33	76
1964.....	4,027	2,060	1,967	1,047	3,925	28	75
1965.....	3,760	1,927	1,833	1,051	3,661	33	66

<sup>1</sup> It is assumed that all births in hospitals or institutions are attended by physicians.

## No. 53. LIVE BIRTH RATE, BY COLOR AND AGE OF MOTHER: 1940 TO 1965

[Births per 1,000 women in each specified group. Prior to 1959, excludes Alaska, and 1960, Hawaii. Data for 1940 to 1955 are adjusted for underregistration; 1959 data are shown for both adjusted and registered births; beginning 1960, registered births only. For 1940, 1950, and 1960, based on enumerated population as of April 1; for all other years, on estimated population as of July 1. See also *Historical Statistics, Colonial Times to 1957*, series B 22-23]

YEAR	15 TO 44 YEARS <sup>1</sup>			AGE OF MOTHER							
	Total	White	Non-white	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years <sup>2</sup>
1940.....	79.9	77.1	102.4	0.7	54.1	135.6	122.8	83.4	46.3	15.6	1.9
1945.....	85.9	83.4	106.0	0.8	51.1	138.9	132.2	100.2	56.9	16.6	1.6
1950.....	106.2	102.3	137.3	1.0	81.6	196.6	166.1	103.7	52.9	15.1	1.2
1955.....	118.5	113.8	155.3	0.9	90.5	242.0	190.5	116.2	58.7	16.1	1.0
1959 (adj.).....	120.2	114.6	162.2	0.9	90.4	260.1	200.5	115.6	58.2	15.5	1.1
1959 (reg.).....	118.8	113.9	156.0	0.9	89.1	257.5	198.6	114.4	57.3	15.3	0.9
1960.....	118.0	113.2	153.6	0.8	89.1	258.1	197.4	112.7	56.2	15.5	0.9
1961.....	117.2	112.2	153.5	0.9	88.0	253.7	197.9	113.3	55.6	15.6	0.9
1962.....	112.2	107.5	148.8	0.8	81.2	243.7	191.7	108.9	52.7	14.8	0.9
1963.....	108.5	103.7	144.9	0.9	76.4	231.2	185.8	106.2	51.3	14.2	0.9
1964.....	105.0	99.9	141.7	0.9	72.8	219.9	179.4	103.9	50.0	13.8	0.8
1965.....	96.6	91.4	133.9	0.8	70.4	196.8	162.5	95.0	46.4	12.8	0.8

<sup>1</sup> Rates computed by relating total births, regardless of age of mother, to women aged 15 to 44 years.

<sup>2</sup> Rates computed by relating births to mothers aged 45 years and over to women aged 45 to 49 years.

## No. 54. BIRTH RATE, BY LIVE-BIRTH ORDER, NATIVE WHITE WOMEN: 1940 TO 1965

[Births per 1,000 women 15 to 44 years old. Prior to 1959, excludes Alaska, and 1960, Hawaii. Live birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 53, and *Historical Statistics, Colonial Times to 1957*, series B 10-18]

LIVE-BIRTH ORDER	1940	1945	1950	1955	1959 (adj.)	1959 (reg.)	1960	1961	1962	1963	1964	1965
Total.....	78	85	103	114	115	114	113	114	107	103	99	91
First birth.....	30	30	34	33	31	31	31	31	30	29	30	29
Second birth.....	20	24	32	32	30	30	29	29	27	26	25	23
Third birth.....	11	13	18	23	23	23	23	23	21	20	18	16
Fourth birth.....	6	7	8	13	14	14	14	14	13	13	12	10
Fifth birth.....	4	4	4	6	7	7	8	8	8	7	7	6
Sixth birth.....	2	2	2	3	4	4	4	4	4	4	4	3
Seventh birth.....	2	2	1	2	2	2	2	2	2	2	2	2
Eighth birth and over.....	3	3	2	2	3	3	3	3	3	3	3	2

Source of tables 52-54: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 55. ILLEGITIMATE LIVE BIRTHS, BY AGE AND COLOR OF MOTHER: 1940 TO 1965

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Includes estimates for States in which legitimacy data were not reported. No estimates included for misstatements on birth records or failures to register births]

AGE AND COLOR	1940	1945	1950	1955	1960	1963	1964	1965
<b>Total</b> .....	89.5	117.4	141.6	183.3	224.3	259.4	275.7	291.2
Rate <sup>1</sup> .....	7.1	10.1	14.1	19.3	21.8	22.5	23.4	23.4
By age of mother:								
Under 15 years.....	2.1	2.5	3.2	3.9	4.6	5.4	5.8	6.1
15 to 19 years.....	40.5	49.2	56.0	68.9	87.1	101.8	111.4	123.1
20 to 24 years.....	27.2	39.3	43.1	55.7	68.0	82.6	87.9	90.7
25 to 29 years.....	10.5	14.1	20.9	28.0	32.1	35.4	36.4	36.8
30 to 34 years.....	5.2	7.1	10.8	16.1	18.9	19.8	19.5	19.6
35 to 39 years.....	3.0	4.0	6.0	8.3	10.6	10.9	11.1	11.4
40 and over.....	1.0	1.2	1.7	2.4	3.0	3.5	3.6	3.7
By color of mother:								
White.....	40.3	56.4	53.5	64.2	82.5	<sup>2</sup> 102.2	114.3	123.7
Nonwhite.....	49.2	60.9	88.1	119.2	141.8	<sup>2</sup> 150.7	161.3	167.5

<sup>1</sup> Rate per 1,000 unmarried (never married, widowed, and divorced) women aged 15 to 44 years enumerated as of April 1 for 1940 and 1950 and estimated as of July 1 for all other years. <sup>2</sup> See footnote 1, table 54.

No. 56. NET AND GROSS REPRODUCTION RATE, BY COLOR: 1905 TO 1965

[Prior to 1959, excludes Alaska, and 1960, Hawaii. Prior to 1960, based on births adjusted for underregistration; beginning 1960, on registered births. Rates computed using annual vital statistics life tables and population estimates by age, except as noted for earlier years. A net reproduction rate of 1,000 means that each generation would just replace itself, if birth and death rates of a specified period were to continue indefinitely, in the absence of net immigration. A rate above 1,000 implies a potentially gaining population, and a rate below 1,000, a potentially declining population. A gross reproduction rate of 1,000 means that if all women born at the beginning of a generation were to live through their reproductive period and continue birth rates existing at the time of their birth, they would barely reproduce themselves, assuming no migration from outside the area. A comparison of the net rate with the gross rate affords an indication of the loss sustained by the potential childbearing population through mortality. See also *Historical Statistics, Colonial Times to 1967*, series B 31-36]

PERIOD OR YEAR	NET RATE			GROSS RATE		
	Total	White	Nonwhite	Total	White	Nonwhite
1905 to 1910 <sup>1</sup> .....	1,336	1,339	1,329	1,793	1,740	2,240
1930 to 1935 <sup>1</sup> .....	984	972	1,074	1,108	1,080	1,336
1935 to 1940 <sup>1</sup> .....	978	957	1,137	1,101	1,063	1,413
1940.....	1,027	1,002	1,209	1,121	1,082	1,422
1945.....	1,132	1,106	1,323	1,212	1,175	1,493
1950.....	1,435	1,387	1,780	1,505	1,446	1,940
1955.....	1,676	1,617	2,101	1,745	1,675	2,255
1957.....	1,765	1,701	2,206	1,837	1,764	2,371
1959 (adj.).....	1,742	1,679	2,200	1,812	1,737	2,360
1959 (reg.).....	1,722	1,667	2,118	1,791	1,725	2,271
1960.....	1,715	1,662	2,093	1,783	1,720	2,241
1963.....	1,564	<sup>2</sup> 1,506	<sup>2</sup> 1,973	1,623	<sup>2</sup> 1,556	<sup>2</sup> 2,102
1964.....	1,507	1,447	1,923	1,564	1,495	2,051
1965.....	1,376	1,314	1,802	1,428	1,357	1,919

<sup>1</sup> Data based on census samples. See source: Dept. of Commerce, Bureau of the Census; special report of Sixteenth Census, *Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates*.

<sup>2</sup> Figures by color exclude data for residents of New Jersey.

Source of tables 55 and 56: Dept. of Health, Education, and Welfare, Public Health Service (except as noted); annual report, *Vital Statistics of the United States*.

No. 57. CHILDREN EVER BORN TO WOMEN EVER MARRIED, BY AGE OF WOMAN: 1910 TO 1965

[1910 to 1960 as of April; thereafter, as of June. Prior to 1960, excludes Alaska and Hawaii. 1910 to 1960 based on sample of decennial census, see source; thereafter, based on Current Population Survey, see text, p. 1]

AGE (in years)	PERCENT CHILDLESS AMONG WOMEN EVER MARRIED						CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED					
	1910	1940	1950	1960	1964	1965	1910	1940	1950	1960	1964	1965
15 to 44.....	16.2	26.5	22.8	15.0	13.2	14.2	2,866	1,904	1,859	2,314	2,520	2,476
15 to 19.....	42.7	54.6	52.8	43.6	45.2	48.3	725	572	604	792	772	680
20 to 24.....	24.2	39.9	33.3	24.2	26.1	28.0	1,407	987	1,082	1,441	1,417	1,328
25 to 29.....	17.2	30.1	21.1	12.6	10.5	11.7	2,180	1,463	1,654	2,241	2,392	2,360
30 to 34.....	13.7	23.3	17.3	10.4	7.1	7.2	2,956	1,964	2,059	2,627	2,944	2,950
35 to 39.....	11.6	19.9	19.1	11.1	8.5	8.7	3,781	2,414	2,247	2,686	3,045	3,016
40 to 44.....	10.4	17.4	20.0	14.1	10.9	11.0	4,383	2,754	2,364	2,564	2,832	2,856
45 to 49.....	9.5	16.8	20.4	18.1	15.2	13.9	4,744	2,998	2,492	2,402	2,564	2,603
50 and over.....	8.7	16.6	18.1	18.9	17.9	(NA)	5,076	3,215	2,822	2,789	2,718	(NA)

NA Not available. <sup>1</sup> For women 50 to 59 years old.

Source: Dept. of Commerce, Bureau of the Census; 1940 Census of Population, Fertility for States and Large Cities; U.S. Census of Population: 1960, Vol. I; Current Population Reports, Series P-20; and unpublished data.

# No. 58. CHILDREN EVER BORN TO WOMEN EVER MARRIED, BY SELECTED CHARACTERISTICS OF WOMEN: 1960 AND 1964

[Refers to total population as of April 1960, based on 5-percent sample from 1960 Census, and to noninstitutional population as of June 1964, based on Current Population Survey; see text, p. 1]

CHARACTERISTIC	WOMEN 15 TO 44 YEARS OLD				WOMEN 45 YEARS OLD AND OVER		
	Number of women, 1964 (1,000)	Children ever born per 1,000 women, standardized for age <sup>1</sup>			Number of women, 1964 (1,000)	Children ever born per 1,000 women	
		1960	1964	Per cent change		1960	1964
<b>Women ever married</b> .....	27,513	2,292	2,507	9.4	27,281	2,712	2,687
<b>Residence:</b> <sup>2</sup>							
Nonfarm .....	25,951	2,252	2,467	9.5	25,350	2,636	2,619
Farm .....	1,562	2,898	3,131	8.0	1,931	3,615	3,578
Northeast .....	6,346	2,078	2,331	12.2	7,507	2,454	2,414
North Central .....	7,774	2,343	2,622	11.9	7,833	2,663	2,666
South .....	8,565	2,421	2,569	6.1	7,931	3,122	3,091
West .....	4,828	2,281	2,453	7.5	4,009	2,469	2,441
Standard metropolitan statistical areas .....	17,856	2,156	2,376	10.2	17,350	2,408	2,383
Central cities .....	8,327	2,098	2,381	13.5	9,431	2,318	2,312
Outside central cities .....	9,529	2,212	2,375	7.4	7,919	2,526	2,467
Nonmetropolitan areas .....	9,657	2,550	2,757	8.1	9,931	3,220	3,219
<b>Color:</b>							
White .....	24,406	2,229	2,424	8.7	24,817	2,672	2,651
Nonwhite .....	3,107	2,787	3,144	12.8	2,464	3,109	3,051
Negro .....	2,842	2,807	3,219	14.7	2,317	3,046	3,013
<b>Years of school completed:</b> <sup>3</sup>							
Elementary: Less than 8 years .....	1,881	3,091	3,464	12.1	5,843	3,602	3,608
8 years .....	2,100	2,637	3,109	17.9	5,778	2,820	2,846
High school: 1 to 3 years .....	6,138	2,470	2,891	17.0	4,734	2,393	2,512
4 years .....	12,651	2,074	2,247	8.3	6,591	1,989	2,061
College: 1 to 3 years .....	2,524	1,965	2,165	10.2	1,952	1,896	2,016
4 years or more .....	1,778	1,704	1,848	8.5	1,269	1,646	1,681
<b>Labor force status:</b>							
In labor force .....	10,618	1,788	2,092	17.0	9,072	<sup>4</sup> 2,178	2,234
Not in labor force .....	16,895	2,559	2,760	7.9	18,209	<sup>4</sup> 2,937	2,913
<b>Women married, husband present</b> <sup>5</sup> .....	23,755	2,330	2,534	8.8	17,260	2,569	2,577
<b>Major occupation group of employed husband:</b>							
Employed husband .....	22,149	2,324	2,532	9.0	12,368	2,413	2,477
Professional, technical, and kindred workers .....	3,023	2,005	2,176	8.5	1,218	1,875	2,096
Managers, officials, and proprietors, exc. farm .....	3,073	2,153	2,397	11.3	2,345	2,023	2,221
Clerical and kindred workers .....	1,389	2,030	2,154	6.1	735	1,943	1,982
Sales workers .....	1,240	2,068	2,168	4.8	596	1,899	1,948
Craftsmen, foremen, and kindred workers .....	4,812	2,340	2,562	9.5	2,740	2,411	2,469
Operatives and kindred workers .....	1,189	2,477	2,691	8.6	1,975	2,581	2,581
Service workers, incl. private household .....	4,772	2,283	2,475	8.4	885	2,443	2,437
Laborers, exc. farm and mine .....	1,369	2,764	3,320	20.1	579	3,079	3,003
Farmers and farm workers .....	1,281	2,976	3,125	5.0	1,295	3,457	3,473
Other <sup>6</sup> .....	1,606	2,418	2,592	7.2	4,893	2,964	2,831
<b>Family income in 1963:</b>							
Under \$3,000 .....	(NA)	(X)	3,232	(X)	(NA)	(X)	3,226
\$3,000 to \$4,999 .....	(NA)	(X)	2,817	(X)	(NA)	(X)	2,560
\$5,000 to \$7,499 .....	(NA)	(X)	2,494	(X)	(NA)	(X)	2,397
\$7,500 to \$9,999 .....	(NA)	(X)	2,276	(X)	(NA)	(X)	2,353
\$10,000 and over .....	(NA)	(X)	2,074	(X)	(NA)	(X)	2,213

NA Not available. X Not applicable.

<sup>1</sup> The standard is the distribution of women ever married, by age, in the United States in 1950.

<sup>2</sup> For composition of regions, see fig. I, p. xii.

<sup>3</sup> Excludes school years not reported.

<sup>4</sup> Partly estimated.

<sup>5</sup> Represents wives of household heads; 1960 also includes the relatively few wives of subfamily heads and second-family heads.

<sup>6</sup> Includes husbands in the Armed Forces, unemployed, or not in the labor force.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 147.



**No. 59. MEDIAN INTERVAL BETWEEN BIRTHS IN 1930 TO 1959, BY COLOR: 1959**

[In months. As of August 1959. Excludes Alaska and Hawaii. Excludes institutional population. Based on sample. For definition of median, see headnote, table 8]

COLOR AND INTERVAL	YEAR OF BIRTH OF CHILD					
	1930 to 1934	1935 to 1939	1940 to 1944	1945 to 1949	1950 to 1954	1955 to 1959
<b>WHITE</b>						
Median interval from—						
First marriage of mother to birth of first child.....	20.3	20.1	20.2	18.4	17.7	16.2
Birth of first child to birth of second child.....	32.2	32.0	32.8	32.9	30.7	28.2
Birth of second child to birth of third child.....	31.8	34.2	34.0	33.1	31.3	33.0
Birth of third child to birth of fourth child.....	33.1	32.8	34.4	32.5	30.0	30.4
<b>NONWHITE</b>						
Median interval from—						
First marriage of mother to birth of first child.....	11.9	12.9	10.7	11.1	12.7	11.9
Birth of first child to birth of second child.....	27.6	22.8	27.3	24.9	23.3	23.4
Birth of second child to birth of third child.....	(B)	22.6	24.1	24.6	23.4	23.3
Birth of third child to birth of fourth child.....	(B)	(B)	24.0	23.8	22.4	22.9

B Not shown; number of children reported by women surviving to 1959 is less than 150,000.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 108.

**No. 60. PLURAL BIRTH RATIOS, BY AGE OF MOTHER AND COLOR: 1965**

[Ratios are all plural live births per 1,000 total live births in specified group]

AGE OF MOTHER	Total	White	Non-white	AGE OF MOTHER	Total	White	Non-white
<b>Total</b> .....	<b>20.1</b>	<b>19.0</b>	<b>25.8</b>	25 to 29 years.....	21.9	20.3	31.3
Under 15 years.....	10.8	12.3	10.1	30 to 34 years.....	27.0	25.1	36.9
15 to 19 years.....	12.6	11.7	15.1	35 to 39 years.....	29.5	27.6	38.8
20 to 24 years.....	17.3	16.4	22.6	40 to 44 years.....	23.3	22.4	27.9
				45 to 49 years.....	16.9	17.2	15.7

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

**No. 61. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1965**

[In years. Prior to 1960, excludes Alaska and Hawaii. Data prior to 1933 for death-registration States only; see text, p. 45. See also *Historical Statistics, Colonial Times to 1957*, series B 92-100]

YEAR	TOTAL			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920.....	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930.....	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940.....	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950.....	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955.....	69.5	66.6	72.7	70.2	67.3	73.6	63.2	61.2	65.9
1960.....	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1962.....	70.0	66.8	73.4	<sup>1</sup> 70.9	<sup>1</sup> 67.6	<sup>1</sup> 74.4	<sup>1</sup> 64.1	<sup>1</sup> 61.5	<sup>1</sup> 66.8
1963.....	69.9	66.6	73.4	<sup>1</sup> 70.8	<sup>1</sup> 67.5	<sup>1</sup> 74.4	<sup>1</sup> 63.6	<sup>1</sup> 60.9	<sup>1</sup> 66.5
1964.....	70.2	66.9	73.7	71.0	67.7	74.6	64.1	61.1	67.2
1965.....	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4

<sup>1</sup> Figures by color exclude data for residents of New Jersey.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 62. EXPECTATION OF LIFE AND MORTALITY RATE AT SINGLE YEARS OF AGE,  
BY COLOR AND SEX: 1965

AGE (years)	EXPECTATION OF LIFE IN YEARS					MORTALITY RATE PER 1,000				
	Total	White		Nonwhite		Total	White		Nonwhite	
		Male	Female	Male	Female		Male	Female	Male	Female
0	70.2	67.6	74.7	61.1	67.4	24.50	24.19	18.34	44.21	35.95
1	70.9	68.3	75.1	62.9	68.9	1.47	1.33	1.12	2.79	2.63
2	70.0	67.4	74.2	62.1	68.0	0.94	0.90	0.75	1.58	1.43
3	69.1	66.5	73.2	61.2	67.1	0.71	0.72	0.57	1.15	0.94
4	68.1	65.5	72.3	60.2	66.2	0.61	0.63	0.49	0.97	0.77
5	67.2	64.5	71.3	59.3	65.3	0.61	0.71	0.43	1.06	0.72
6	66.2	63.6	70.3	58.4	64.3	0.50	0.56	0.37	0.83	0.62
7	65.2	62.6	69.3	57.4	63.3	0.41	0.44	0.33	0.65	0.53
8	64.3	61.7	68.4	56.4	62.4	0.35	0.35	0.29	0.53	0.45
9	63.3	60.7	67.4	55.5	61.4	0.31	0.31	0.26	0.47	0.40
10	62.3	59.7	66.4	54.5	60.4	0.30	0.30	0.25	0.46	0.37
11	61.3	58.7	65.4	53.5	59.5	0.32	0.35	0.25	0.50	0.36
12	60.4	57.7	64.4	52.6	58.5	0.37	0.44	0.26	0.60	0.38
13	59.4	56.8	63.5	51.6	57.5	0.46	0.58	0.30	0.76	0.43
14	58.4	55.8	62.5	50.6	56.5	0.58	0.77	0.35	0.96	0.50
15	57.4	54.8	61.5	49.7	55.5	0.72	0.97	0.41	1.19	0.60
16	56.5	53.9	60.5	48.7	54.6	0.86	1.18	0.46	1.44	0.70
17	55.5	52.9	59.5	47.8	53.6	0.98	1.35	0.51	1.70	0.80
18	54.6	52.0	58.6	46.9	52.7	1.07	1.48	0.55	1.94	0.88
19	53.6	51.1	57.6	46.0	51.7	1.13	1.56	0.57	2.17	0.96
20	52.7	50.2	56.6	45.1	50.8	1.19	1.65	0.60	2.41	1.05
21	51.8	49.3	55.7	44.2	49.8	1.25	1.73	0.62	2.66	1.14
22	50.8	48.3	54.7	43.3	48.9	1.30	1.77	0.64	2.90	1.25
23	49.9	47.4	53.7	42.4	47.9	1.31	1.75	0.65	3.12	1.36
24	49.0	46.5	52.8	41.6	47.0	1.31	1.70	0.66	3.33	1.48
25	48.0	45.6	51.8	40.7	46.1	1.30	1.63	0.66	3.55	1.61
26	47.1	44.7	50.9	39.8	45.1	1.30	1.57	0.67	3.78	1.76
27	46.1	43.7	49.9	39.0	44.2	1.32	1.53	0.69	3.97	1.92
28	45.2	42.8	48.9	38.1	43.3	1.36	1.54	0.73	4.11	2.10
29	44.3	41.9	48.0	37.3	42.4	1.43	1.57	0.79	4.22	2.31
30	43.3	40.9	47.0	36.4	41.5	1.50	1.63	0.86	4.33	2.53
31	42.4	40.0	46.0	35.6	40.6	1.58	1.69	0.94	4.47	2.76
32	41.5	39.1	45.1	34.8	39.7	1.68	1.77	1.01	4.69	3.01
33	40.5	38.1	44.1	33.9	38.8	1.79	1.87	1.09	5.02	3.26
34	39.6	37.2	43.2	33.1	37.9	1.92	2.00	1.18	5.45	3.52
35	38.7	36.3	42.2	32.3	37.1	2.06	2.16	1.27	5.93	3.79
36	37.7	35.3	41.3	31.5	36.2	2.23	2.34	1.38	6.41	4.07
37	36.8	34.4	40.3	30.7	35.4	2.41	2.55	1.50	6.88	4.39
38	35.9	33.5	39.4	29.9	34.5	2.61	2.78	1.63	7.32	4.75
39	35.0	32.6	38.4	29.1	33.7	2.83	3.04	1.78	7.75	5.13
40	34.1	31.7	37.5	28.3	32.8	3.08	3.34	1.94	8.20	5.54
41	33.2	30.8	36.6	27.5	32.0	3.35	3.69	2.12	8.71	5.97
42	32.3	29.9	35.7	26.8	31.2	3.66	4.07	2.32	9.27	6.38
43	31.4	29.0	34.7	26.0	30.4	4.00	4.49	2.56	9.91	6.76
44	30.6	28.2	33.8	25.3	29.6	4.37	4.96	2.82	10.61	7.13
45	29.7	27.3	32.9	24.5	28.8	4.77	5.48	3.10	11.36	7.51
46	28.8	26.5	32.0	23.8	28.0	5.22	6.05	3.40	12.15	7.95
47	28.0	25.6	31.1	23.1	27.3	5.72	6.71	3.71	13.04	8.46
48	27.1	24.8	30.3	22.4	26.5	6.28	7.48	4.04	14.01	9.08
49	26.3	24.0	29.4	21.7	25.7	6.90	8.34	4.38	15.08	9.79
50	25.5	23.2	28.5	21.0	25.0	7.58	9.26	4.75	16.21	10.57
51	24.7	22.4	27.6	20.4	24.2	8.30	10.25	5.14	17.40	11.40
52	23.9	21.6	26.8	19.7	23.5	9.06	11.32	5.57	18.68	12.28
53	23.1	20.8	25.9	19.1	22.8	9.88	12.47	6.01	20.05	13.20
54	22.3	20.1	25.1	18.5	22.1	10.74	13.71	6.49	21.50	14.18
55	21.6	19.4	24.2	17.9	21.4	11.68	15.04	7.03	23.12	15.24
56	20.8	18.7	23.4	17.3	20.7	12.68	16.45	7.62	24.85	16.40
57	20.1	18.0	22.6	16.7	20.1	13.74	17.93	8.24	26.52	17.71
58	19.3	17.3	21.8	16.1	19.4	14.85	19.46	8.88	28.05	19.19
59	18.6	16.6	21.0	15.6	18.8	16.03	21.08	9.57	29.55	20.84
60	17.9	16.0	20.1	15.1	18.2	17.25	22.76	10.31	30.83	22.46
61	17.2	15.3	19.4	14.5	17.6	18.58	24.56	11.16	32.33	24.18
62	16.5	14.7	18.6	14.0	17.0	20.15	26.62	12.21	34.85	26.37
63	15.9	14.1	17.8	13.5	16.5	22.02	28.98	13.51	38.88	29.22
64	15.2	13.5	17.0	13.0	15.9	24.15	31.64	15.04	44.13	32.55
65	14.6	12.9	16.3	12.6	15.5	26.49	34.51	16.74	50.45	36.43
66	14.0	12.4	15.5	12.2	15.0	28.93	37.52	18.56	56.79	40.23
67	13.4	11.8	14.8	11.9	14.6	31.38	40.62	20.49	61.95	43.05
68	12.8	11.3	14.1	11.7	14.3	33.76	43.76	22.49	64.74	44.20
69	12.2	10.8	13.4	11.5	13.9	36.13	46.98	24.63	65.34	43.93

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 63. SELECTED LIFE TABLE VALUES: 1900 TO 1965

[Prior to 1959, excludes Alaska, and 1960, Hawaii. Data prior to 1933 for death-registration States only; see text, p. 45. See also *Historical Statistics, Colonial Times to 1957*, series B 76-83 and B 92-100]

COLOR AND PERIOD	AT BIRTH		AGE 20		AGE 40		AGE 65	
	Male	Female	Male	Female	Male	Female	Male	Female
ANNUAL RATE OF MORTALITY PER 1,000 LIVING AT SPECIFIED AGE								
White: 1900-1902.....	133.45	110.61	5.94	5.54	10.60	9.31	41.66	36.41
1909-1911.....	123.26	102.26	4.89	4.20	10.22	8.03	43.79	37.86
1919-1921.....	80.25	63.92	4.27	4.33	7.50	6.76	34.99	31.68
1929-1931.....	62.32	49.63	3.18	2.77	6.79	5.32	38.65	31.25
1939-1941.....	48.12	37.89	2.12	1.45	5.13	3.68	36.85	26.43
1949-1951.....	30.69	23.55	1.62	0.73	3.91	2.42	34.45	20.63
1959-1961.....	25.92	19.64	1.59	0.56	3.32	1.90	33.89	17.42
1964.....	24.47	18.62	1.63	0.60	3.34	1.94	34.35	16.87
1965.....	24.19	18.34	1.65	0.60	3.34	1.94	34.51	16.74
Nonwhite: 1900-1902 <sup>1</sup> .....	253.26	214.75	11.89	11.39	16.58	15.56	54.18	54.07
1909-1911 <sup>1</sup> .....	219.35	185.07	11.96	10.74	21.03	17.50	64.33	60.37
1919-1921 <sup>1</sup> .....	105.01	87.49	10.85	11.59	14.59	15.37	38.93	43.36
1929-1931 <sup>1</sup> .....	87.32	72.04	8.58	8.82	18.13	16.25	50.72	49.35
1939-1941.....	83.04	66.82	(NA)	(NA)	13.62	11.81	(NA)	(NA)
1949-1951.....	50.89	40.87	3.14	2.27	8.79	7.70	45.76	37.04
1959-1961.....	46.99	38.28	2.36	1.16	7.49	5.61	43.65	30.72
1964.....	45.71	36.83	2.35	1.05	8.19	5.45	49.60	35.49
1965.....	44.21	35.95	2.41	1.05	8.20	5.54	50.45	36.43
AVERAGE EXPECTATION OF LIFE IN YEARS								
White: 1900-1902.....	48.23	51.08	42.19	43.77	27.74	29.17	11.51	12.23
1909-1911.....	50.23	53.62	42.71	44.88	27.43	29.26	11.25	11.97
1919-1921.....	56.34	58.53	45.60	46.46	29.86	30.94	12.21	12.75
1929-1931.....	59.12	62.67	46.02	48.62	29.22	31.52	11.77	12.81
1939-1941.....	62.81	67.29	47.76	51.38	30.03	33.25	12.07	13.56
1949-1951.....	66.31	72.03	49.52	54.66	31.17	35.64	12.75	15.00
1959-1961.....	67.55	74.19	50.25	56.29	31.73	37.13	12.97	15.88
1964.....	67.7	74.6	50.2	56.6	31.8	37.5	13.0	16.3
1965.....	67.6	74.7	50.2	56.6	31.7	37.5	12.9	16.3
Nonwhite: 1900-1902 <sup>1</sup> .....	32.54	35.04	35.11	36.89	23.12	24.37	10.38	11.38
1909-1911 <sup>1</sup> .....	34.05	37.67	33.46	36.14	21.67	23.34	9.74	10.82
1919-1921 <sup>1</sup> .....	47.14	46.92	38.36	37.15	26.53	25.60	12.07	12.41
1929-1931 <sup>1</sup> .....	47.55	49.51	35.95	37.22	23.36	24.30	10.87	12.24
1939-1941.....	52.33	55.51	39.74	42.14	25.23	27.31	12.18	13.95
1949-1951.....	58.91	62.70	43.73	46.77	27.29	29.82	12.75	14.54
1959-1961.....	61.48	66.47	45.78	50.07	28.72	32.16	12.84	15.12
1964.....	61.1	67.2	45.3	50.6	28.5	32.7	12.8	15.6
1965.....	61.1	67.4	45.1	50.8	28.3	32.8	12.6	15.5
NUMBER SURVIVING TO SPECIFIED AGE PER 100,000 BORN LIVE								
White: 1900-1902.....	100,000	100,000	76,376	78,978	64,954	67,935	39,245	43,806
1909-1911.....	100,000	100,000	79,116	81,750	68,848	72,425	40,862	47,086
1919-1921.....	100,000	100,000	84,997	87,281	75,733	77,624	50,663	54,299
1929-1931.....	100,000	100,000	88,904	90,939	81,457	84,256	52,964	60,499
1939-1941.....	100,000	100,000	92,293	93,984	86,880	89,805	58,305	68,701
1949-1951.....	100,000	100,000	95,104	96,454	91,173	94,080	63,541	76,773
1959-1961.....	100,000	100,000	95,908	97,135	92,427	95,326	65,834	80,739
1964.....	100,000	100,000	96,099	97,282	92,492	95,409	66,009	81,075
1965.....	100,000	100,000	96,136	97,334	92,525	95,468	65,901	81,139
Nonwhite: 1900-1902 <sup>1</sup> .....	100,000	100,000	56,733	59,053	42,989	46,146	19,015	21,995
1909-1911 <sup>1</sup> .....	100,000	100,000	61,426	64,764	45,414	50,568	17,806	22,302
1919-1921 <sup>1</sup> .....	100,000	100,000	79,057	80,154	61,353	61,130	34,042	31,044
1929-1931 <sup>1</sup> .....	100,000	100,000	83,621	85,078	64,710	67,271	29,314	30,852
1939-1941.....	100,000	100,000	86,770	88,505	72,830	75,908	35,912	40,718
1949-1951.....	100,000	100,000	91,941	93,544	82,832	86,052	45,198	52,358
1959-1961.....	100,000	100,000	93,108	94,660	85,744	89,676	51,392	60,825
1964.....	100,000	100,000	93,334	94,910	85,236	89,948	50,341	61,633
1965.....	100,000	100,000	93,520	95,019	85,255	90,090	50,380	62,619

NA Not available.

<sup>1</sup> Negroes only. Negro population comprised 95 percent or more of corresponding nonwhite population.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *U.S. Life Tables and Actuarial Tables, 1939-41, Vital Statistics—Special Reports*, Vol. 41 and Vol. 52, and annual report, *Vital Statistics of the United States*.



# NO. 64. FETAL, NEONATAL, INFANT, AND MATERNAL DEATH RATES, BY COLOR: 1940 TO 1966

[Deaths per 1,000 live births, except as noted. Prior to 1959, excludes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series B 101-112]

YEAR	FETAL DEATHS <sup>1</sup>			NEONATAL DEATHS <sup>2</sup>			INFANT DEATHS <sup>3</sup>			MATERNAL DEATHS <sup>4</sup>		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
1940.....	(NA)	(NA)	(NA)	28.8	27.2	39.7	47.0	43.2	73.8	376.0	319.8	773.5
1945.....	23.9	21.4	42.0	24.3	23.3	32.0	38.3	35.6	57.0	207.2	172.1	454.8
1950.....	19.2	17.1	32.5	20.5	19.4	27.5	29.2	26.8	44.5	83.3	61.1	221.6
1955.....	17.1	15.2	28.4	19.1	17.7	27.2	26.4	23.6	42.8	47.0	32.8	130.3
1959.....	16.2	14.2	27.3	19.0	17.5	27.7	26.4	23.2	44.0	37.4	25.8	102.1
1960.....	16.1	14.1	26.8	18.7	17.2	26.9	26.0	22.9	43.2	37.1	26.0	97.9
1961.....	16.1	14.1	27.0	18.4	16.9	26.2	25.3	22.4	40.7	36.9	24.9	101.3
1963 <sup>5</sup> .....	15.8	13.7	26.7	18.2	16.7	26.1	25.2	22.2	41.5	35.8	24.0	96.9
1964.....	16.4	14.1	28.2	17.9	16.2	26.5	24.8	21.6	41.1	33.3	22.3	89.9
1965.....	16.2	13.9	27.2	17.7	16.1	25.4	24.7	21.5	40.3	31.6	21.0	83.7
1966.....	(NA)	(NA)	(NA)	<sup>6</sup> 17.2	(NA)	(NA)	<sup>6</sup> 23.4	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup> Includes only fetal deaths (stillbirths) for which period of gestation was 20 weeks (or 5 months) or more, or was not stated.

<sup>2</sup> Represents deaths of infants under 28 days old, exclusive of fetal deaths.

<sup>3</sup> Represents deaths of infants under 1 year old, exclusive of fetal deaths.

<sup>4</sup> Per 100,000 live deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1959, deaths are classified according to seventh revision of *International Lists of Diseases and Causes of Death*; see text, p. 45.

<sup>5</sup> Figures by color exclude data for residents of New Jersey.

<sup>6</sup> Provisional.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# NO. 65. DEATH RATE, BY COLOR AND SEX, AND BY AGE: 1900 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Excludes fetal deaths. Rates per 1,000 population (of specified groups) residing in area, enumerated as of April 1 for 1940, 1950, and 1960, and estimated as of July 1 for all other years. Data prior to 1933 for death-registration States only; see text, p. 45. See also *Historical Statistics, Colonial Times to 1957*, series B 129-136]

COLOR, SEX, AND AGE	1900	1910	1920	1930	1940	1950	1960	1963	1964	1965
<b>COLOR AND SEX</b>										
Total.....	17.2	14.7	13.0	11.3	10.8	9.6	9.5	9.6	9.4	9.4
Male.....	17.9	15.6	13.4	12.3	12.0	11.1	11.0	11.1	10.8	10.9
Female.....	16.5	13.7	12.6	10.4	9.5	8.2	8.1	8.2	8.0	8.0
White.....	17.0	14.5	12.6	10.8	10.4	9.5	9.5	19.5	9.4	9.4
Male.....	17.7	15.4	13.0	11.7	11.6	10.9	11.0	11.0	10.8	10.8
Female.....	16.3	13.6	12.1	9.8	9.2	8.0	8.0	8.1	8.0	8.0
Nonwhite.....	25.0	21.7	17.7	16.3	13.8	11.2	10.1	10.1	9.7	9.6
Male.....	25.7	22.3	17.8	17.4	15.1	12.5	11.5	11.5	11.1	11.1
Female.....	24.4	21.0	17.5	15.3	12.6	9.9	8.7	8.7	8.3	8.2
<b>AGE</b>										
Total <sup>2</sup> .....	17.2	14.7	13.0	11.3	10.8	9.6	9.5	9.6	9.4	9.4
Adjusted for age <sup>3</sup> .....	17.8	15.8	14.2	12.5	10.8	8.4	7.6	7.6	7.4	7.4
Under 1 year.....	162.4	131.8	92.3	69.0	54.9	33.0	27.0	25.3	24.6	24.1
1 to 4 years.....	19.8	14.0	9.9	5.6	2.9	1.4	1.1	1.0	1.0	0.9
5 to 14 years.....	3.9	2.9	2.6	1.7	1.0	0.6	0.5	0.4	0.4	0.4
15 to 24 years.....	5.9	4.5	4.9	3.3	2.0	1.3	1.1	1.1	1.1	1.1
25 to 34 years.....	8.2	6.5	6.8	4.7	3.1	1.8	1.5	1.5	1.5	1.5
35 to 44 years.....	10.2	9.0	8.1	6.8	5.2	3.6	3.0	3.0	3.1	3.1
45 to 54 years.....	15.0	13.7	12.2	12.2	10.6	8.5	7.6	7.5	7.4	7.4
55 to 64 years.....	27.2	26.2	23.6	24.0	22.2	19.0	17.4	17.3	17.0	16.9
65 to 74 years.....	56.4	55.6	52.5	51.4	48.4	41.0	38.2	38.9	37.8	37.9
75 to 84 years.....	123.3	122.2	118.9	112.7	112.0	93.3	87.5	85.2	81.8	81.9
85 years and over.....	260.9	250.3	248.3	228.0	235.7	202.0	198.6	210.1	199.8	202.2

<sup>1</sup> Figures by color exclude data for residents of New Jersey.

<sup>2</sup> Includes deaths for which age was not stated.

<sup>3</sup> Adjusted for age with the age distribution of the population as enumerated in 1940 used as the standard.

<sup>4</sup> Based on enumerated population adjusted for age bias in nonwhite population at ages 55 to 69 years.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## Deaths and Death Rates

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No. 66. DEATHS AND DEATH RATE—STATES: 1940 TO 1966

[By place of residence, except as noted]

STATE	DEATHS					RATE <sup>2</sup>				
	1940	1950	1960	1965	1966 <sup>1</sup>	1940	1950	1960	1965	1966 <sup>1</sup>
<b>United States<sup>3</sup></b> .....	1,417,269	1,452,454	1,711,982	1,828,136	1,869,000	10.8	9.6	9.5	9.4	9.5
<b>New England</b> .....	98,692	96,946	111,593	116,969	118,979	11.7	10.4	10.6	10.5	10.6
Maine.....	10,581	9,886	10,761	10,822	10,996	12.5	10.8	11.1	10.9	11.2
New Hampshire.....	6,236	6,076	6,662	7,313	7,057	12.7	11.4	11.0	10.9	10.4
Vermont.....	4,664	4,167	4,428	4,608	4,619	13.0	11.0	11.4	11.6	11.4
Massachusetts.....	51,122	49,386	56,838	58,897	60,972	11.8	10.5	11.0	11.0	11.3
Rhode Island.....	8,019	8,308	9,005	9,683	9,488	11.2	10.5	10.5	10.9	10.6
Connecticut.....	18,070	19,123	23,899	25,646	25,847	10.6	9.5	9.4	9.1	9.0
<b>Middle Atlantic</b> .....	307,565	315,386	358,596	376,022	378,844	11.2	10.5	10.5	10.3	10.3
New York.....	149,816	156,074	177,896	185,029	187,703	11.1	10.5	10.6	10.2	10.3
New Jersey.....	45,772	49,100	59,462	65,021	64,584	11.0	10.2	9.8	9.6	9.4
Pennsylvania.....	111,977	110,212	121,238	125,972	126,557	11.3	10.5	10.7	10.9	10.9
<b>East North Central</b> .....	292,349	305,274	347,920	368,213	370,805	11.0	10.0	9.6	9.7	9.6
Ohio.....	78,949	80,633	93,466	98,440	98,731	11.4	10.1	9.6	9.6	9.6
Indiana.....	40,555	40,630	45,369	47,831	47,478	11.8	10.3	9.7	9.8	9.7
Illinois.....	89,099	92,490	103,023	108,153	110,086	11.3	10.6	10.2	10.2	10.3
Michigan.....	52,183	57,743	67,911	73,625	74,206	9.9	9.1	8.7	9.0	8.9
Wisconsin.....	31,563	33,778	38,146	40,164	40,304	10.1	9.8	9.7	9.7	9.7
<b>West North Central</b> .....	138,644	141,455	156,100	160,982	164,731	10.3	10.1	10.1	10.1	10.4
Minnesota.....	26,354	28,020	31,674	32,559	33,766	9.4	9.4	9.3	9.2	9.4
Iowa.....	26,297	26,979	28,770	29,424	29,627	10.4	10.3	10.4	10.7	10.8
Missouri.....	43,777	43,710	48,350	50,369	52,507	11.6	11.1	11.2	11.2	11.6
North Dakota.....	5,257	5,191	5,430	5,569	5,769	8.2	8.4	8.6	8.5	8.9
South Dakota.....	5,700	5,880	6,618	6,529	6,524	8.9	9.0	9.7	9.3	9.6
Nebraska.....	12,670	12,617	14,097	14,814	14,824	9.6	9.5	10.0	10.0	10.2
Kansas.....	18,589	19,058	21,161	21,718	21,714	10.3	10.0	9.7	9.7	9.7
<b>South Atlantic</b> .....	187,085	187,611	235,819	261,810	269,810	10.5	8.9	9.1	9.1	9.2
Delaware.....	3,285	3,501	4,186	4,540	4,914	12.3	11.0	9.4	9.0	9.6
Maryland.....	22,026	22,417	27,968	30,880	31,378	12.1	9.6	9.0	8.8	8.7
Dist. of Columbia.....	8,081	8,560	8,782	9,013	10,868	12.2	10.7	11.5	11.3	13.5
Virginia.....	29,741	29,708	34,459	37,148	36,648	11.1	9.0	8.7	8.3	8.1
West Virginia.....	17,669	17,428	18,067	19,186	19,499	9.3	8.7	9.7	10.6	10.9
North Carolina.....	31,904	31,130	38,160	41,693	42,497	8.9	7.7	8.4	8.5	8.5
South Carolina.....	20,280	17,973	20,688	21,723	21,878	10.7	8.5	8.7	8.5	8.5
Georgia.....	32,485	30,325	35,357	38,134	38,239	10.4	8.8	9.0	8.8	8.6
Florida.....	21,614	26,569	48,152	59,493	63,889	11.4	9.6	9.7	10.2	10.8
<b>East South Central</b> .....	112,199	104,900	114,904	121,380	125,332	10.4	9.1	9.5	9.5	9.7
Kentucky.....	29,967	27,855	29,959	31,063	31,739	10.5	9.5	9.9	9.8	10.0
Tennessee.....	29,383	29,425	32,901	35,122	38,004	10.1	8.9	9.2	9.1	9.8
Alabama.....	29,554	26,836	30,300	32,535	32,847	10.4	8.8	9.3	9.4	9.3
Mississippi.....	23,295	20,784	21,744	22,660	22,792	10.7	9.5	10.0	9.8	9.8
<b>West South Central</b> .....	126,309	121,971	147,982	158,958	163,685	9.7	8.4	8.7	8.6	8.7
Arkansas.....	17,247	15,411	17,911	19,287	19,279	8.8	8.1	10.0	9.8	9.9
Louisiana.....	25,542	23,738	29,704	32,190	32,824	10.8	8.8	9.1	9.1	9.1
Oklahoma.....	20,885	19,473	22,914	23,825	24,239	8.9	8.7	9.8	9.6	9.9
Texas.....	62,635	63,349	77,453	83,656	87,343	9.8	8.2	8.1	7.9	8.1
<b>Mountain</b> .....	42,424	43,730	55,349	60,271	62,555	10.2	8.6	8.1	7.8	8.0
Montana.....	5,765	5,822	6,552	6,597	6,814	10.3	9.9	9.7	9.3	9.7
Idaho.....	4,924	4,837	5,426	5,939	5,740	9.4	8.2	8.1	8.6	8.3
Wyoming.....	2,157	2,336	2,796	2,808	2,667	8.6	8.0	8.5	8.3	8.1
Colorado.....	12,291	12,280	15,342	16,220	16,635	10.9	9.3	8.7	8.2	8.4
New Mexico.....	5,484	5,471	6,525	6,825	6,887	10.3	8.0	6.9	6.6	6.7
Arizona.....	5,556	6,422	10,146	12,000	13,351	11.1	8.6	7.8	7.5	8.3
Utah.....	4,845	4,974	6,022	6,682	6,994	8.8	7.2	6.8	6.7	6.9
Nevada.....	1,402	1,588	2,540	3,200	3,467	12.7	9.9	8.9	7.3	7.6
<b>Pacific<sup>3</sup></b> .....	112,002	135,181	183,719	203,531	213,098	11.5	9.3	8.7	8.3	8.6
Washington.....	20,080	22,486	26,532	27,475	29,004	11.6	9.5	9.3	9.2	9.7
Oregon.....	12,180	13,935	16,819	18,160	19,038	11.2	9.2	9.5	9.6	9.7
California.....	79,742	98,760	135,508	152,907	159,892	11.5	9.3	8.6	8.2	8.5
Alaska.....	(NA)	4 1,253	1,319	1,335	1,314	(NA)	4 9.7	5.8	5.3	4.8
Hawaii.....	4 3,089	4 2,919	3,541	3,654	3,850	4 7.3	4 5.8	5.6	5.1	5.4

NA Not available.

<sup>1</sup> Provisional, by place of occurrence. U.S. total based on receipts corrected for observed differences between provisional and final data. State data are not corrected in this manner.<sup>2</sup> Rate per 1,000 population residing in area, enumerated as of Apr. 1 for 1940, 1950, and 1960, and estimated as of July 1 thereafter.<sup>3</sup> Prior to 1960, excludes Alaska and Hawaii.<sup>4</sup> By place of occurrence.Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.



NO. 67. DEATHS, BY COLOR—STATES: 1964 AND 1965  
[By place of residence. For total deaths by States, see table 66]

STATE	1964		1965		STATE	1964		1965	
	White	Non-white	White	Non-white		White	Non-white	White	Non-white
U.S.	1,578,674	219,377	1,605,498	222,638	S.A.—Con.				
N.E.	105,385	2,498	114,149	2,820	W. Va.	17,611	1,184	17,957	1,229
Maine	10,838	54	10,789	33	N.C.	28,710	11,777	29,730	11,963
N.H.	7,093	10	7,303	10	S.C.	12,803	8,525	13,147	8,576
Vt.	4,505	13	4,602	6	Ga.	24,650	12,892	25,206	12,928
Mass.	<sup>1</sup> 49,656	1,164	57,449	1,448	Fla.	47,226	9,728	49,695	9,798
R.I.	9,078	238	9,444	239	E.S.C.	87,984	31,889	89,903	31,477
Conn.	24,215	1,019	24,562	1,084	Ky.	27,523	3,135	27,995	3,068
M.A.	340,918	32,179	342,629	33,393	Tenn.	27,652	7,237	28,213	6,909
N.Y.	168,426	16,389	168,043	16,986	Ala.	20,750	11,003	21,299	11,236
N.J.	58,211	6,054	58,733	6,288	Miss.	12,059	10,514	12,396	10,264
Pa.	114,281	9,736	115,853	10,119	W.S.C.	125,857	31,962	127,214	31,744
E.N.C.	330,796	30,595	336,664	31,549	Ark.	14,833	4,508	14,814	4,473
Ohio	88,373	8,232	89,955	8,485	La.	19,477	11,993	20,160	12,030
Ind.	44,075	3,048	44,816	3,015	Okla.	21,728	2,472	21,465	2,360
Ill.	94,795	11,961	95,844	12,309	Tex.	69,819	12,989	70,775	12,881
Mich.	65,373	6,665	66,572	7,053	Mt.	57,280	3,204	57,016	3,255
Wis.	38,180	689	39,477	687	Mont.	6,556	319	6,324	273
W.N.C.	152,672	7,942	153,071	7,911	Idaho	5,752	81	5,834	105
Minn.	32,706	354	32,162	397	Wyo.	2,794	65	2,721	87
Iowa	28,807	396	29,097	327	Colo.	15,957	462	15,694	526
Mo.	44,528	5,108	45,137	5,232	N. Mex.	6,264	631	6,173	652
N. Dak.	5,439	124	5,437	132	Ariz.	10,803	1,274	10,772	1,228
S. Dak.	6,256	356	6,182	347	Utah	6,260	143	6,538	144
Nebr.	14,386	415	14,414	400	Nev.	2,894	229	2,960	240
Kans.	20,550	1,189	20,642	1,076	Pac.	188,095	14,228	188,479	15,052
S.A.	189,687	64,880	196,373	65,437	Wash.	27,301	853	26,602	873
Del.	3,568	765	3,766	774	Oreg.	17,793	338	17,806	354
Md.	23,692	5,689	24,917	5,963	Calif.	140,936	10,019	142,140	10,767
D.C.	4,267	4,897	4,085	4,928	Alaska	942	496	835	500
Va.	27,160	9,423	27,870	9,278	Hawaii	1,123	2,522	1,096	2,558

<sup>1</sup> Excludes approximately 6,000 recorded deaths.

NO. 68. DEATHS AND DEATH RATE FROM ACCIDENTS: 1950 TO 1965  
[Prior to 1960, excludes Alaska and Hawaii]

TYPE OF ACCIDENT	1950	1955	1960	1965	RATE <sup>1</sup>			
					1950	1955	1960	1965
All accidents	91,249	93,443	93,806	108,004	60.6	56.9	52.3	55.7
Railway accidents	2,126	1,344	1,023	962	1.4	0.8	0.6	0.5
Motor-vehicle accidents	34,763	38,426	38,137	49,163	23.1	23.4	21.3	25.4
Traffic	33,863	37,437	37,142	48,050	22.5	22.8	20.7	24.8
Nontraffic	900	989	995	1,113	0.6	0.6	0.6	0.6
Other road-vehicle accidents	533	330	243	319	0.4	0.2	0.1	0.2
Water-transport accidents	1,602	1,452	1,478	1,493	1.0	0.9	0.8	0.8
Aircraft accidents	1,436	1,446	1,475	1,529	1.0	0.9	0.8	0.8
Accidental poisoning by—								
Solid and liquid substances	1,584	1,431	1,679	2,110	1.1	0.9	0.9	1.1
Gases and vapors	1,769	1,163	1,253	1,526	1.2	0.7	0.7	0.8
Accidental falls	20,783	20,192	19,023	19,984	13.8	12.3	10.6	10.3
Fall from one level to another	7,117	6,811	6,019	5,802	4.7	4.1	3.4	3.0
Fall on the same level	4,569	4,275	3,689	5,738	3.0	2.6	2.1	3.0
Unspecified falls	9,097	9,106	9,315	8,444	6.0	5.5	5.2	4.4
Blow from falling object	1,613	1,332	1,404	1,493	1.1	0.8	0.8	0.8
Accidents caused by—								
Machinery	1,771	2,019	1,951	2,054	1.2	1.2	1.1	1.1
Electric current	955	1,075	989	1,071	0.6	0.7	0.6	0.6
Fire and explosion of combustible material	6,405	6,352	7,645	7,347	4.3	3.9	4.3	3.8
Hot substance, corrosive liquid, steam, and radiation	842	742	402	420	0.6	0.5	0.2	0.2
Firearms	2,174	2,120	2,334	2,344	1.4	1.3	1.3	1.2
Inhalation and ingestion of food or other object causing obstruction or suffocation	1,350	1,608	2,397	1,836	0.9	1.0	1.3	0.9
Accidental drowning	4,785	5,046	5,232	5,485	3.2	3.1	2.9	2.8
Excessive heat and insolation	137	615	168	106	0.1	0.4	0.1	0.1
Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, and late complications of therapeutic procedures	589	776	1,115	1,494	0.4	0.5	0.6	0.8
All other accidents	6,132	5,974	5,858	7,268	4.1	3.6	3.3	3.7

<sup>1</sup> Per 100,000 resident population. For 1950 and 1960, based on population enumerated as of Apr. 1; for other years based on population estimated as of July 1.  
Source of tables 67 and 68: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.



**No. 69. DEATH RATE, 1950 TO 1965, AND DEATHS, 1964 AND 1965, FROM SELECTED CAUSES**

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1960, causes of death classified according to seventh revision of *International Lists of Diseases and Causes of Death*; see text, p. 45. See also *Historical Statistics, Colonial Times to 1957*, series B 114-128]

CAUSE OF DEATH	DEATHS PER 100,000 POPULATION <sup>1</sup>						DEATHS	
	1950	1955	1960	1963	1964	1965	1964	1965
<b>All causes</b> -----	963.8	930.4	954.7	961.3	939.6	943.2	1,798,051	1,828,136
Tuberculosis, all forms-----	22.5	9.1	6.1	4.9	4.3	4.1	8,303	7,934
Syphilis and its sequelae-----	5.0	2.3	1.6	1.4	1.4	1.3	2,619	2,434
Meningococcal infections-----	0.6	0.6	0.4	0.4	0.4	0.5	750	890
Acute poliomyelitis-----	1.3	0.6	0.1	(Z)	(Z)	(Z)	17	16
Infectious hepatitis-----	0.4	0.5	0.5	0.5	0.4	0.4	745	707
Other infective and parasitic diseases-----	4.4	3.1	3.2	3.2	3.2	3.0	6,078	5,852
<b>Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues</b> -----	139.8	146.5	149.2	151.3	151.3	153.5	289,577	297,588
Asthma-----	2.9	3.6	3.0	2.7	2.3	2.3	4,441	4,520
Diabetes mellitus-----	16.2	15.5	16.7	17.2	16.9	17.1	32,279	33,174
Meningitis, except meningococcal and tuberculous-----	1.2	1.1	1.3	1.2	1.3	1.2	2,464	2,363
<b>Major cardiovascular-renal diseases</b> -----	510.8	506.0	521.8	527.3	514.3	516.4	984,261	1,000,787
Diseases of cardiovascular system-----	494.4	496.3	515.1	521.3	508.5	510.9	973,182	990,192
Vascular lesions affecting central nervous system-----	104.0	106.0	108.0	106.6	103.6	103.7	198,209	201,057
Diseases of heart-----	356.8	356.5	369.0	375.2	365.7	367.4	699,861	712,087
Rheumatic fever and chronic rheumatic heart disease-----	14.8	12.0	10.3	8.8	8.3	8.0	15,923	15,471
Arteriosclerotic heart disease, incl. coronary disease-----	213.0	247.0	275.6	289.8	285.0	288.6	545,499	559,293
Nonrheumatic chronic endocarditis and other myocardial degeneration-----	56.5	39.9	31.8	29.7	27.8	27.4	53,255	53,178
Other diseases of heart-----	15.9	12.6	14.3	14.5	14.5	15.1	27,741	29,177
Hypertensive heart disease-----	56.5	45.0	37.0	32.4	30.0	28.4	57,443	54,968
Other hypertensive diseases-----	8.3	6.8	7.1	6.7	6.4	6.0	12,191	11,667
General arteriosclerosis-----	20.4	19.8	20.0	19.8	19.4	19.7	37,176	38,102
Other diseases of circulatory system-----	4.9	7.3	11.0	12.9	13.5	14.1	25,745	27,279
Chronic and unspec. nephritis and other renal sclerosis-----	16.4	9.6	6.7	6.0	5.8	5.5	11,079	10,595
<b>Influenza and pneumonia <sup>2</sup></b> -----	31.3	27.1	37.3	37.5	31.1	31.9	59,451	61,903
Influenza-----	4.4	1.7	4.4	3.8	0.9	1.2	1,687	2,295
Pneumonia <sup>2</sup> -----	26.9	25.4	32.9	33.8	30.2	30.8	57,764	59,608
Bronchitis-----	2.0	1.9	2.4	2.9	2.8	3.0	5,410	5,772
Ulcer of stomach and duodenum-----	5.5	5.9	6.3	6.4	5.7	5.4	10,969	10,424
Hernia and intestinal obstruction-----	5.9	5.3	5.1	5.3	5.2	5.2	9,944	10,003
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----	5.1	4.7	4.4	4.4	4.3	4.1	8,178	7,899
Cirrhosis of liver-----	9.2	10.2	11.3	11.9	12.1	12.8	23,164	24,715
Cholelithiasis, cholecystitis, and cholangitis-----	3.9	3.6	2.6	2.5	2.4	2.4	4,617	4,666
Acute nephritis, and nephritis with edema incl. nephrosis-----	2.3	1.5	0.9	0.8	0.7	0.7	1,335	1,325
Infections of kidney-----	2.1	3.0	4.3	4.7	5.2	5.1	9,889	9,813
Hyperplasia of prostate-----	4.2	3.7	2.5	2.3	2.0	1.8	3,847	3,412
Deliveries and complications of pregnancy, childbirth, and the puerperium-----	2.0	1.2	0.9	0.8	0.7	0.6	1,343	1,189
<b>Congenital malformations</b> -----	12.2	12.5	12.2	11.0	10.6	10.1	20,288	19,512
Certain diseases of early infancy-----	40.5	39.0	37.4	33.2	31.5	28.6	60,322	55,398
Symptoms, senility, and ill-defined conditions-----	14.9	12.1	11.4	11.9	13.2	12.1	25,259	23,414
<b>Accidents</b> -----	60.6	56.9	52.3	53.4	54.3	55.7	103,843	108,004
Motor-vehicle accidents-----	23.1	23.4	21.3	23.1	24.5	25.4	46,930	49,163
Non-motor-vehicle accidents-----	37.5	33.5	31.0	30.3	29.7	30.4	56,913	58,841
Accidents in the home-----	16.0	14.0	13.4	13.0	12.3	12.4	23,467	24,086
Other non-motor-vehicle accidents-----	21.5	19.5	17.6	17.3	17.5	17.9	33,446	34,755
Suicide-----	11.4	10.2	10.6	11.0	10.8	11.1	20,588	21,507
Homicide-----	5.3	4.5	4.7	4.9	5.1	5.5	9,814	10,712
All other causes-----	40.3	38.3	44.2	46.3	46.1	47.6	88,256	92,202

Z Less than 0.05.

<sup>1</sup> Based on resident population enumerated as of Apr. 1 for 1950 and 1960, and estimated as of July 1 for other years.

<sup>2</sup> Except pneumonia of newborn.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

## No. 70. DEATH RATE FOR THE 10 LEADING CAUSES OF DEATH—STATES: 1965

[By place of residence. Refers only to deaths occurring within the U.S. Rates per 100,000 estimated midyear population in each area. Causes of death classified according to seventh revision of *International Lists of Diseases and Causes of Death*; see text, p. 45. For method of selecting the leading causes of death, see *Vital Statistics of the United States, 1960*, Vol. II, Part A]

STATE	Dis- eases of heart	Malig- nant neo- plasms <sup>1</sup>	Vas- cular lesions affect- ing central nervous system	Acci- dents	Infl- uenza and pneu- monia <sup>2</sup>	Certain diseases of early infancy	General arterio- sclerosis	Dia- betes mellitus	Other diseases of circu- latory system <sup>3</sup>	Other bron- chopul- monie diseases
United States.....	367.4	153.5	103.7	55.7	31.9	28.6	19.7	17.1	14.1	13.7
New England.....	431.5	181.7	109.9	47.1	41.3	26.4	24.8	19.3	18.1	13.8
Maine.....	452.1	177.6	123.4	51.6	35.9	27.5	34.6	15.9	16.4	14.4
New Hampshire.....	429.4	181.8	127.4	46.2	34.7	24.5	47.7	23.6	18.1	16.7
Vermont.....	458.9	175.8	132.7	73.3	45.8	24.9	27.7	17.4	17.4	20.7
Massachusetts.....	453.3	190.8	113.1	50.0	49.1	26.2	22.2	19.7	20.5	14.2
Rhode Island.....	483.4	196.7	100.4	42.2	30.1	27.3	17.7	26.5	15.3	15.0
Connecticut.....	363.5	161.8	94.8	38.4	32.7	26.7	22.8	16.6	15.2	10.9
Middle Atlantic.....	444.0	181.3	94.3	43.8	35.3	26.9	19.6	20.7	14.9	11.6
New York.....	444.3	184.0	89.0	42.1	39.8	27.5	17.2	18.6	13.6	11.0
New Jersey.....	420.5	177.5	83.8	41.1	29.0	26.9	17.2	19.2	13.1	10.6
Pennsylvania.....	457.3	179.3	108.8	48.2	32.1	26.1	24.8	24.8	17.9	13.3
East North Central.....	390.9	160.4	105.9	52.1	29.4	28.8	23.7	21.3	13.7	13.6
Ohio.....	385.2	159.3	108.7	50.5	25.2	26.2	24.8	22.9	14.8	14.5
Indiana.....	374.2	157.2	125.9	60.8	27.7	28.8	28.8	20.5	13.1	15.5
Illinois.....	442.4	169.4	102.0	47.0	37.7	31.1	21.1	17.3	11.9	11.1
Michigan.....	341.6	150.7	94.5	54.6	25.4	29.6	20.9	26.1	13.3	15.3
Wisconsin.....	389.8	162.9	107.4	53.8	28.2	27.7	27.6	18.9	17.5	12.1
West North Central.....	397.0	164.2	126.6	61.9	35.4	25.3	24.9	17.9	15.0	14.6
Minnesota.....	352.7	158.3	122.5	56.1	28.0	24.5	21.4	16.1	14.7	12.4
Iowa.....	428.5	170.9	139.9	63.6	36.3	22.7	29.0	20.4	15.7	17.1
Missouri.....	436.8	175.4	134.6	65.7	42.8	27.8	25.1	17.2	16.9	15.3
North Dakota.....	334.8	133.9	100.9	60.1	29.0	26.7	21.3	14.4	12.6	7.8
South Dakota.....	360.5	145.9	111.5	73.1	28.0	25.2	20.8	17.9	11.2	15.2
Nebraska.....	391.3	169.5	123.8	57.5	39.2	28.2	25.4	19.1	13.6	13.9
Kansas.....	381.3	153.7	114.7	61.5	32.9	22.2	26.7	19.0	13.9	15.5
South Atlantic.....	332.4	137.8	107.7	61.0	32.9	32.8	15.6	14.7	14.1	13.6
Delaware.....	395.2	147.5	68.9	49.7	19.4	30.9	17.0	19.8	12.7	18.8
Maryland.....	357.9	149.1	69.8	48.7	27.4	33.1	13.7	19.9	13.1	12.4
District of Columbia.....	359.2	184.1	100.2	68.8	53.9	49.9	15.5	18.4	30.1	12.0
Virginia.....	307.8	124.6	95.3	55.5	31.4	31.9	16.5	12.7	13.0	12.3
West Virginia.....	422.1	153.7	114.8	65.6	39.0	29.4	24.1	16.3	13.8	16.7
North Carolina.....	307.1	112.1	110.9	65.5	29.9	32.9	13.6	13.5	10.8	9.3
South Carolina.....	298.1	119.8	107.3	70.7	29.1	32.8	15.3	14.0	12.0	11.0
Georgia.....	290.2	118.6	128.2	64.0	40.3	34.8	15.2	12.4	12.5	13.2
Florida.....	366.9	178.4	119.2	60.9	32.3	30.7	15.3	14.9	18.7	19.3
East South Central.....	330.0	132.1	128.4	65.0	33.8	32.9	19.6	14.7	12.4	12.9
Kentucky.....	374.3	144.8	122.7	62.3	36.3	27.5	24.4	17.5	13.9	14.6
Tennessee.....	330.0	133.2	128.2	59.0	33.3	30.7	19.3	12.2	12.0	14.0
Alabama.....	306.5	123.4	131.9	70.6	32.5	33.6	17.5	15.6	11.1	11.6
Mississippi.....	304.7	125.8	131.1	70.4	33.2	43.0	16.5	13.6	13.1	10.8
West South Central.....	304.4	133.2	101.2	63.0	29.9	31.1	15.5	14.6	11.7	13.3
Arkansas.....	363.6	142.7	134.4	73.3	34.2	25.5	17.0	12.4	12.9	13.6
Louisiana.....	333.5	136.2	96.1	70.6	31.6	40.4	15.8	21.1	13.6	12.2
Oklahoma.....	349.2	152.6	127.1	62.5	29.9	23.5	19.8	16.3	12.7	15.5
Texas.....	273.2	125.8	90.6	58.7	28.5	30.9	14.1	12.4	10.7	13.1
Mountain.....	257.8	111.8	75.1	70.9	30.0	28.8	15.9	12.2	13.4	18.8
Montana.....	327.5	131.7	100.8	85.1	29.3	29.0	26.1	16.0	15.6	17.0
Idaho.....	306.8	121.2	103.0	84.0	24.6	27.7	16.0	17.5	15.9	20.5
Wyoming.....	278.8	110.3	89.1	82.1	37.1	26.5	16.2	17.1	17.6	16.2
Colorado.....	295.3	119.5	81.4	62.8	40.7	27.5	20.7	10.3	16.4	17.8
New Mexico.....	172.3	87.7	53.8	78.4	22.7	35.4	12.6	10.1	9.0	13.9
Arizona.....	236.2	116.5	63.6	63.7	30.8	28.5	13.7	11.0	11.6	27.0
Utah.....	226.9	92.9	67.2	64.8	23.3	25.2	9.1	12.7	10.8	12.9
Nevada.....	234.3	113.2	59.8	78.4	15.9	31.8	8.6	10.9	12.0	20.0
Pacific.....	311.7	140.3	90.2	57.5	24.5	24.6	16.8	11.4	13.7	15.4
Washington.....	358.6	150.5	107.2	63.7	26.8	21.8	25.5	16.2	13.7	14.8
Oregon.....	365.1	154.1	119.4	69.8	27.8	19.8	25.0	14.1	15.9	15.6
California.....	307.2	139.8	87.2	55.4	24.0	25.1	15.1	10.3	13.9	15.9
Alaska.....	103.6	56.5	27.7	110.7	26.9	41.1	11.9	2.8	5.5	7.9
Hawaii.....	165.4	103.0	42.8	33.5	17.0	30.9	3.5	15.6	6.9	6.8

<sup>1</sup> Includes neoplasms of lymphatic and hematopoietic tissues.

<sup>2</sup> Except pneumonia of newborn.

<sup>3</sup> See listing under "Diseases of cardiovascular system" in table 69.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.



# Infant Deaths

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## NO. 71. DEATHS OF INFANTS—TOTAL AND RATE, BY STATES: 1940 TO 1965

[By place of residence. Deaths of infants under 1 year old; rates per 1,000 live births]

STATE	1940	1950	1960		1965		RATE					
			White	Non-white	White	Non-white	1940	1950	1960		1965	
									White	Non-white	White	Non-white
<b>United States<sup>1</sup></b>	<b>110,984</b>	<b>103,825</b>	<b>82,479</b>	<b>28,394</b>	<b>67,198</b>	<b>25,668</b>	<b>47.0</b>	<b>29.2</b>	<b>22.9</b>	<b>43.2</b>	<b>21.5</b>	<b>40.3</b>
<b>New England</b>	<b>5,196</b>	<b>4,729</b>	<b>4,941</b>	<b>320</b>	<b>4,300</b>	<b>404</b>	<b>39.2</b>	<b>24.3</b>	<b>21.7</b>	<b>35.2</b>	<b>21.2</b>	<b>37.5</b>
Maine	810	650	588	4	438	8	53.2	30.9	25.7	12.9	22.5	32.5
New Hampshire	341	282	326	1	274	1	40.9	24.5	23.7	10.6	21.2	10.9
Vermont	309	221	227	—	178	—	44.5	24.5	24.2	—	22.0	—
Massachusetts	2,458	2,240	2,343	147	2,056	171	37.5	23.3	21.1	34.4	21.4	38.5
Rhode Island	410	450	395	33	357	33	37.9	27.8	22.4	44.4	21.6	42.0
Connecticut	868	886	1,062	135	997	191	34.0	21.8	20.0	36.9	20.3	36.9
<b>Middle Atlantic</b>	<b>16,822</b>	<b>16,022</b>	<b>14,139</b>	<b>3,707</b>	<b>11,477</b>	<b>4,043</b>	<b>39.9</b>	<b>25.8</b>	<b>22.0</b>	<b>41.4</b>	<b>20.3</b>	<b>40.6</b>
New York	7,297	7,429	6,735	1,938	5,676	2,172	37.2	24.7	21.5	41.6	20.2	39.5
New Jersey	2,121	2,467	2,516	735	2,007	897	35.5	25.2	21.9	41.7	19.2	43.5
Pennsylvania	7,404	6,126	4,888	1,034	3,794	974	44.7	27.6	22.6	40.6	21.0	40.4
<b>East North Central</b>	<b>17,815</b>	<b>18,729</b>	<b>17,244</b>	<b>3,834</b>	<b>14,086</b>	<b>3,670</b>	<b>39.2</b>	<b>26.3</b>	<b>22.1</b>	<b>39.4</b>	<b>21.3</b>	<b>40.1</b>
Ohio	4,744	4,990	4,593	954	3,572	777	41.4	26.8	22.2	39.4	20.5	37.0
Indiana	2,595	2,520	2,335	354	1,991	318	42.1	27.0	22.6	37.7	22.2	38.5
Illinois	4,398	4,868	4,453	1,515	3,652	1,688	35.3	25.6	22.2	39.6	21.4	44.5
Michigan	4,032	4,230	3,833	871	3,164	779	40.7	26.3	22.1	40.4	21.6	37.8
Wisconsin	2,046	2,121	2,030	140	1,707	108	37.3	25.7	21.2	35.3	21.6	28.7
<b>West North Central</b>	<b>9,236</b>	<b>8,806</b>	<b>7,514</b>	<b>977</b>	<b>5,725</b>	<b>847</b>	<b>39.2</b>	<b>26.3</b>	<b>21.7</b>	<b>42.5</b>	<b>20.8</b>	<b>38.7</b>
Minnesota	1,758	1,889	1,853	37	1,384	51	33.2	25.1	21.6	22.6	20.0	30.1
Iowa	1,636	1,555	1,369	35	1,024	25	36.5	24.8	21.7	35.2	20.5	26.0
Missouri	2,885	2,510	1,810	610	1,531	533	46.9	29.2	21.4	45.4	22.3	42.2
North Dakota	593	453	386	27	252	28	45.1	26.6	24.1	43.3	20.2	40.2
South Dakota	466	473	394	102	242	73	38.7	26.6	24.2	76.0	19.5	48.8
Nebraska	792	796	697	52	577	51	36.0	25.0	21.3	34.3	22.0	35.2
Kansas	1,106	1,130	1,005	114	715	86	38.3	25.7	21.3	33.4	19.7	29.2
<b>South Atlantic</b>	<b>21,200</b>	<b>17,997</b>	<b>10,469</b>	<b>8,752</b>	<b>8,993</b>	<b>7,288</b>	<b>57.1</b>	<b>33.7</b>	<b>23.6</b>	<b>47.2</b>	<b>22.4</b>	<b>41.9</b>
Delaware	217	235	168	108	171	89	47.7	30.7	17.8	50.6	20.1	40.8
Maryland	1,590	1,465	1,336	772	1,248	575	49.1	27.0	22.3	44.6	21.8	34.9
Dist. of Columbia	554	603	182	541	97	480	49.3	30.4	29.4	39.6	24.5	34.1
Virginia	3,335	2,836	1,767	1,084	1,489	876	58.5	34.6	24.6	45.5	22.2	39.7
West Virginia	2,269	1,822	933	72	794	68	53.7	36.1	24.8	37.7	26.1	41.6
North Carolina	4,631	3,674	1,677	1,807	1,464	1,512	57.6	34.5	22.3	52.4	22.1	48.3
South Carolina	3,042	2,220	828	1,223	694	965	68.2	38.6	23.9	48.5	22.7	43.3
Georgia	3,744	3,064	1,584	1,706	1,303	1,431	57.8	33.5	24.6	48.1	21.7	41.6
Florida	1,818	2,078	1,994	1,439	1,733	1,292	53.8	32.1	23.6	46.1	22.4	44.0
<b>East South Central</b>	<b>13,080</b>	<b>11,006</b>	<b>5,318</b>	<b>4,183</b>	<b>4,314</b>	<b>3,585</b>	<b>55.7</b>	<b>36.2</b>	<b>25.6</b>	<b>48.4</b>	<b>23.7</b>	<b>47.3</b>
Kentucky	3,387	2,616	1,713	302	1,331	225	53.1	34.9	26.0	48.3	23.7	42.6
Tennessee	2,954	2,961	1,618	791	1,345	699	53.5	36.4	25.3	43.5	23.8	42.0
Alabama	3,870	3,044	1,266	1,350	1,043	1,131	61.5	36.8	24.9	45.0	23.3	43.8
Mississippi	2,869	2,385	721	1,740	595	1,530	54.4	36.7	26.6	54.3	24.5	54.4
<b>West South Central</b>	<b>15,991</b>	<b>12,992</b>	<b>8,464</b>	<b>4,032</b>	<b>6,525</b>	<b>3,446</b>	<b>61.2</b>	<b>34.6</b>	<b>24.9</b>	<b>44.3</b>	<b>22.5</b>	<b>40.6</b>
Arkansas	1,810	1,209	637	473	531	414	47.0	26.5	22.5	38.7	20.6	37.7
Louisiana	3,268	2,639	1,251	1,637	1,046	1,382	64.3	34.6	22.6	46.9	22.0	43.1
Oklahoma	2,238	1,514	995	303	787	203	49.9	30.2	22.7	42.8	21.7	30.7
Texas	8,675	7,630	5,581	1,619	4,161	1,447	68.3	37.4	26.3	43.9	23.1	41.1
<b>Mountain</b>	<b>5,664</b>	<b>5,095</b>	<b>4,452</b>	<b>725</b>	<b>3,310</b>	<b>565</b>	<b>62.0</b>	<b>36.2</b>	<b>25.7</b>	<b>51.7</b>	<b>22.8</b>	<b>37.7</b>
Montana	537	441	392	44	301	40	46.5	28.2	24.2	34.5	24.3	32.2
Idaho	506	434	383	11	318	9	42.9	27.1	22.7	33.3	24.5	24.6
Wyoming	232	247	226	14	133	12	44.7	32.5	27.5	48.6	21.2	42.3
Colorado	1,270	1,167	1,110	70	837	58	60.4	34.4	26.9	44.0	24.0	30.8
New Mexico	1,488	1,211	846	173	535	120	100.6	54.8	30.9	52.8	25.6	35.4
Arizona	983	953	823	351	605	256	85.5	45.8	26.6	60.8	21.6	43.0
Utah	539	503	485	30	385	31	40.4	23.7	18.8	54.0	17.8	47.8
Nevada	109	139	187	32	196	39	51.7	37.9	29.6	33.9	23.7	32.7
<b>Pacific<sup>1</sup></b>	<b>5,980</b>	<b>8,449</b>	<b>9,938</b>	<b>1,864</b>	<b>8,468</b>	<b>1,820</b>	<b>37.8</b>	<b>25.1</b>	<b>22.6</b>	<b>30.5</b>	<b>21.1</b>	<b>28.8</b>
Washington	992	1,522	1,398	131	1,010	122	35.2	27.3	22.7	36.7	20.4	36.4
Oregon	585	812	852	39	659	36	33.2	22.5	23.0	29.2	20.8	28.2
California	4,403	6,115	7,429	1,248	6,581	1,263	39.2	25.0	22.5	29.7	21.2	28.1
Alaska	(NA)	<sup>2</sup> 193	145	161	113	156	(NA)	<sup>2</sup> 51.8	27.9	68.2	24.0	66.1
Hawaii	<sup>2</sup> 421	<sup>2</sup> 337	114	285	105	243	<sup>2</sup> 44.7	<sup>2</sup> 24.0	21.5	24.0	20.9	21.5

- Represents zero. NA Not available.

<sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.

<sup>2</sup> By place of occurrence.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.



## No. 72. MARRIAGE AND DIVORCE RATES: 1920 TO 1964

[Prior to 1959, excludes Alaska, and 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series B 177 and B 179]

YEAR	Marriage rate per 1,000 unmarried females	Divorce rate per 1,000 married females	YEAR	Marriage rate per 1,000 unmarried females	Divorce rate per 1,000 married females	YEAR	Marriage rate per 1,000 unmarried females	Divorce rate per 1,000 married females
1920-----	92.0	8.0	1952-----	83.2	10.1	1958-----	72.0	8.9
1930-----	67.6	7.5	1953-----	83.7	9.9	1959-----	73.6	9.3
1940-----	82.8	8.8	1954-----	79.8	9.5	1960-----	73.5	9.2
						1961-----	72.2	9.6
1945-----	83.6	14.4	1955-----	80.9	9.3	1962-----	71.2	9.4
1950-----	90.2	10.3	1956-----	82.4	9.4	1963-----	73.4	9.6
1951-----	86.6	9.9	1957-----	78.0	9.2	1964-----	74.7	10.0

No. 73. MARRIAGES, BY PREVIOUS MARITAL STATUS OF BRIDE AND OF GROOM—  
MARRIAGE-REGISTRATION AREA AND EACH REGISTRATION STATE: 1963

[By place of occurrence. Based on sample]

AREA AND STATE	All marriages	PREVIOUS MARITAL STATUS OF—							
		Brides				Grooms			
		Single	Widowed	Divorced	Not stated	Single	Widowed	Divorced	Not stated
Marriage-regis- tration area-----	1,033,950	784,801	50,329	145,806	53,014	791,141	44,555	146,063	52,191
Alabama-----	35,520	27,400	2,040	5,930	150	27,040	1,890	6,430	160
Alaska-----	2,057	1,264	104	683	6	1,296	70	682	9
California-----	120,680	88,840	6,600	24,800	440	90,080	6,080	24,240	280
Connecticut-----	19,340	15,250	1,015	3,040	35	14,985	890	3,430	35
Delaware-----	2,883	2,374	134	361	14	2,355	147	373	8
Dist. of Columbia-----	9,250	7,666	422	1,134	28	7,498	420	1,312	20
Florida-----	43,140	27,380	3,870	11,500	390	28,010	3,130	11,650	350
Georgia-----	56,800	39,620	3,880	12,080	1,220	39,900	2,920	13,220	760
Hawaii-----	5,750	4,470	186	1,090	4	4,636	160	952	2
Idaho-----	12,740	8,685	825	3,175	55	9,050	575	3,105	10
Indiana-----	45,970	32,470	2,590	9,750	1,160	33,100	2,310	9,760	800
Iowa-----	19,510	15,630	1,000	2,230	650	15,360	980	2,520	650
Kansas-----	17,475	13,520	980	2,775	200	13,760	815	2,685	215
Kentucky <sup>1</sup> -----	26,300	19,500	1,640	4,880	280	19,850	1,450	4,830	170
Louisiana-----	26,005	15,765	(NA)	(NA)	10,240	15,740	(NA)	(NA)	10,265
Maine-----	8,130	6,326	490	1,274	40	6,346	394	1,362	28
Maryland-----	41,290	31,730	2,160	7,390	10	31,890	1,970	7,400	30
Massachusetts-----	34,320	29,350	1,510	3,300	160	29,720	1,760	2,740	100
Michigan <sup>2</sup> -----	68,100	52,225	(NA)	(NA)	15,875	51,675	(NA)	(NA)	16,425
Mississippi-----	22,140	16,045	1,550	4,325	220	16,015	1,440	4,490	195
Montana-----	4,860	3,676	256	892	36	3,818	156	870	16
Nebraska-----	11,715	8,860	680	2,160	15	9,170	550	1,990	5
New Hampshire-----	8,174	5,694	450	2,024	6	5,782	430	1,956	6
New Jersey-----	43,370	35,370	2,450	5,040	510	35,220	2,530	5,180	440
New York <sup>3</sup> -----	61,640	51,900	3,940	5,440	360	52,540	3,280	5,540	280
Ohio <sup>2</sup> -----	71,725	53,900	(NA)	(NA)	17,825	53,775	(NA)	(NA)	17,950
Oregon-----	11,800	9,005	700	1,900	195	8,990	625	1,965	220
Pennsylvania-----	72,025	57,600	3,725	8,250	2,450	58,125	3,375	8,225	2,300
Rhode Island-----	5,968	4,884	332	734	18	4,934	342	678	14
South Dakota-----	7,472	5,520	436	1,492	24	5,772	272	1,404	24
Tennessee-----	35,200	25,970	2,130	6,920	180	26,610	1,760	6,640	190
Utah-----	8,236	7,018	244	886	88	7,010	232	912	82
Vermont-----	3,260	2,740	182	326	12	2,709	163	378	10
Virginia-----	42,090	32,820	2,310	6,910	50	33,600	1,920	6,480	90
Wisconsin-----	25,620	22,280	1,270	2,020	50	22,570	1,340	1,670	40
Wyoming-----	3,395	2,054	228	1,095	18	2,210	179	994	12

- Represents zero. NA Not available.

<sup>1</sup> Data are incomplete.

<sup>2</sup> Michigan and Ohio did not require reporting of previously widowed or divorced.

<sup>3</sup> Excludes New York City.

Source of tables 72 and 73: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

# Marriages and Divorces

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No. 74. MARRIAGES, 1950, 1960, AND 1966, AND DIVORCES, 1960 AND 1964—  
NUMBER AND RATE, BY STATES

[By place of occurrence]

STATE	MARRIAGES						DIVORCES <sup>3</sup>			
	Number			Rate <sup>2</sup>			Number		Rate <sup>2</sup>	
	1950	1960	1966 <sup>1</sup>	1950	1960	1966 <sup>1</sup>	1960	1964	1960	1964
<b>U.S. <sup>4</sup></b> .....	1, 667, 231	<sup>5</sup> 1,523,381	1, 854, 000	11.1	<sup>5</sup> 8.5	9.4	<sup>5</sup> 393, 000	<sup>5</sup> 450, 000	<sup>5</sup> 2.2	<sup>5</sup> 2.4
<b>New England</b> .....	88, 503	76, 206	89, 382	9.5	7.3	8.0	<sup>5</sup> 12, 842	16, 384	<sup>5</sup> 1.2	1.5
Maine.....	8, 617	7, 860	8, 913	9.4	8.1	9.1	2, 168	2, 421	2.2	2.4
New Hampshire.....	7, 631	7, 337	8, 764	14.3	12.1	12.9	1, 119	1, 425	1.8	2.2
Vermont.....	3, 569	3, 268	3, 813	9.4	8.4	9.4	463	608	1.2	1.5
Massachusetts.....	41, 711	34, 050	40, 485	8.9	6.6	7.5	<sup>5</sup> 6, 592	7, 093	<sup>5</sup> 1.1	1.3
Rhode Island.....	7, 501	5, 814	6, 106	9.5	6.8	6.8	954	1, 100	1.1	1.2
Connecticut.....	19, 474	17, 877	21, 301	9.7	7.1	7.4	2, 546	3, 737	1.0	1.3
<b>Middle Atlantic</b> .....	277, 035	235, 275	267, 557	9.2	6.9	7.3	26, 255	28, 517	0.8	0.8
New York.....	141, 075	123, 620	139, 102	9.5	7.4	7.6	7, 235	7, 093	0.4	0.4
New Jersey.....	46, 291	39, 820	47, 218	9.6	6.6	6.8	4, 591	5, 285	0.8	0.8
Pennsylvania.....	89, 669	71, 835	81, 237	8.5	6.3	7.0	14, 429	16, 139	1.3	1.4
<b>E. N. Central</b> .....	317, 344	283, 285	346, 740	10.4	7.8	9.0	<sup>5</sup> 77, 639	86, 906	<sup>5</sup> 2.1	2.3
Ohio.....	75, 136	68, 043	79, 597	9.5	7.0	7.7	22, 960	25, 053	2.4	2.5
Indiana.....	<sup>7</sup> 61, 659	42, 050	51, 825	<sup>7</sup> 15.7	9.0	10.5	<sup>5</sup> 12, 794	15, 949	<sup>5</sup> 2.7	3.3
Illinois.....	<sup>7</sup> 93, 288	87, 529	99, 697	<sup>7</sup> 10.7	8.7	9.3	21, 809	21, 290	2.2	2.0
Michigan.....	58, 180	61, 090	87, 330	9.1	7.8	10.4	16, 416	19, 400	2.1	2.4
Wisconsin.....	29, 081	24, 573	28, 291	8.5	6.2	6.8	3, 660	5, 214	0.9	1.3
<b>W. N. Central</b> .....	137, 285	120, 310	135, 635	9.8	7.8	8.5	<sup>5</sup> 28, 533	33, 074	<sup>5</sup> 1.9	2.1
Minnesota.....	<sup>7</sup> 30, 991	23, 596	26, 398	<sup>7</sup> 10.4	6.9	7.4	4, 139	5, 157	1.2	1.5
Iowa.....	27, 603	24, 774	21, 334	10.5	9.0	7.8	4, 559	5, 091	1.7	1.8
Missouri.....	34, 300	<sup>5</sup> 35, 699	43, 245	8.7	<sup>5</sup> 8.3	9.6	<sup>5</sup> 11, 484	12, 785	<sup>5</sup> 2.7	2.9
North Dakota.....	5, 108	4, 039	4, 705	8.2	6.4	7.2	596	758	0.9	1.2
South Dakota.....	6, 969	5, 787	8, 513	10.7	8.5	12.5	794	951	1.2	1.4
Nebraska.....	13, 828	10, 591	12, 115	10.4	7.5	8.3	2, 151	2, 519	1.5	1.7
Kansas.....	18, 486	15, 824	19, 325	9.7	7.3	8.6	4, 810	5, 813	2.2	2.6
<b>South Atlantic</b> .....	265, 061	261, 885	320, 376	12.5	10.1	11.0	55, 526	65, 769	2.1	2.3
Delaware.....	2, 635	2, 394	3, 167	8.3	5.4	6.2	693	662	1.6	1.3
Maryland.....	<sup>7</sup> 50, 661	40, 320	46, 836	<sup>7</sup> 21.6	13.0	13.0	5, 140	6, 697	1.7	1.9
Dist. of Col.....	<sup>7</sup> 10, 198	<sup>7</sup> 8, 600	9, 548	<sup>7</sup> 12.7	<sup>7</sup> 11.3	11.8	1, 142	1, 190	1.5	1.5
Virginia.....	36, 732	37, 542	46, 819	11.1	9.5	10.4	7, 368	8, 580	1.9	2.0
West Virginia.....	<sup>7</sup> 17, 199	13, 639	13, 986	<sup>7</sup> 8.6	7.3	7.8	3, 574	3, 826	1.9	2.1
North Carolina.....	<sup>7</sup> 29, 751	<sup>5</sup> 31, 663	43, 350	<sup>7</sup> 7.3	<sup>5</sup> 6.9	8.7	6, 047	7, 225	1.3	1.5
South Carolina.....	<sup>7</sup> 46, 175	38, 964	49, 858	<sup>7</sup> 21.8	16.4	19.3	3, 068	2, 520	1.3	1.0
Georgia.....	<sup>7</sup> 44, 122	49, 448	54, 500	<sup>7</sup> 12.8	12.5	12.2	8, 940	11, 312	2.3	2.6
Florida.....	27, 588	39, 315	52, 312	10.0	7.9	8.8	19, 554	23, 757	3.9	4.2
<b>E. S. Central</b> .....	134, 272	<sup>5</sup> 110, 300	132, 984	11.7	<sup>5</sup> 9.2	10.3	<sup>5</sup> 39, 138	35, 386	(S)	2.8
Kentucky.....	<sup>7</sup> 33, 019	<sup>5</sup> 26, 489	28, 071	<sup>7</sup> 11.2	<sup>5</sup> 8.7	8.8	<sup>5</sup> 7, 528	7, 942	(S)	2.5
Tennessee.....	21, 692	30, 668	39, 681	6.6	8.6	10.2	9, 053	10, 725	2.5	2.8
Alabama.....	22, 823	31, 910	41, 693	7.5	9.8	11.9	17, 320	11, 088	5.3	3.2
Mississippi.....	56, 738	21, 233	23, 539	26.0	9.7	10.1	5, 237	5, 631	2.4	2.5
<b>W. S. Central</b> .....	<sup>5</sup> 190, 039	162, 016	199, 611	<sup>5</sup> 13.1	9.6	10.6	<sup>5</sup> 55, 000	<sup>5</sup> 63, 913	(S)	(S)
Arkansas.....	<sup>7</sup> 51, 584	18, 318	20, 446	<sup>7</sup> 27.0	<sup>5</sup> 10.3	10.5	<sup>5</sup> 6, 059	(S)	(S)	3.1
Louisiana.....	<sup>5</sup> 26, 900	23, 523	29, 278	<sup>5</sup> 10.0	7.2	8.1	<sup>5</sup> 4, 142	<sup>5</sup> 4, 704	(S)	(S)
Oklahoma.....	<sup>5</sup> 22, 400	28, 496	33, 781	<sup>5</sup> 10.0	12.2	13.7	10, 749	12, 308	4.6	5.0
Texas.....	<sup>7</sup> 89, 155	<sup>5</sup> 91, 679	116, 106	<sup>7</sup> 11.6	<sup>5</sup> 9.6	10.8	34, 732	40, 842	3.6	3.9
<b>Mountain</b> .....	132, 594	122, 818	161, 103	26.1	17.9	20.6	<sup>5</sup> 28, 846	<sup>5</sup> 39, 182	<sup>5</sup> 4.2	(S)
Montana.....	7, 235	5, 892	4, 898	12.2	8.7	7.0	2, 006	1, 981	3.0	2.8
Idaho.....	8, 345	10, 068	17, 112	14.2	15.1	24.7	2, 592	2, 876	3.9	4.2
Wyoming.....	3, 549	3, 267	3, 674	12.2	9.9	11.2	1, 308	1, 411	4.0	4.2
Colorado.....	<sup>7</sup> 13, 735	<sup>5</sup> 15, 895	19, 849	<sup>7</sup> 10.4	<sup>5</sup> 9.1	10.0	4, 728	6, 100	2.7	3.2
New Mexico.....	22, 717	11, 051	5, 926	33.3	11.6	5.8	<sup>5</sup> 2, 811	<sup>5</sup> 3, 280	<sup>5</sup> 3.0	(S)
Arizona.....	20, 031	10, 153	13, 511	26.7	7.8	8.4	4, 780	8, 790	3.7	5.7
Utah.....	<sup>7</sup> 7, 110	7, 119	9, 618	<sup>7</sup> 10.3	8.0	9.5	2, 166	2, 895	2.4	3.0
Nevada.....	<sup>7</sup> 49, 872	59, 373	86, 515	<sup>7</sup> 31.5	208.1	190.6	8, 455	11, 849	29.6	28.3
<b>Pacific <sup>4</sup></b> .....	125, 098	151, 286	200, 641	8.6	7.1	8.1	66, 395	79, 100	3.1	3.3
Washington.....	<sup>7</sup> 34, 438	<sup>7</sup> 28, 230	34, 560	<sup>7</sup> 14.5	<sup>7</sup> 9.9	11.6	9, 341	10, 864	3.3	3.7
Oregon.....	11, 300	10, 606	13, 793	7.4	6.0	7.1	5, 720	6, 486	3.2	3.4
California.....	79, 360	105, 352	144, 084	7.5	6.7	7.6	49, 276	59, 094	3.1	3.3
Alaska.....	1, 722	1, 861	2, 414	13.4	8.2	8.9	788	966	3.5	3.9
Hawaii.....	5, 575	5, 237	5, 790	11.2	8.3	8.1	1, 270	1, 690	2.0	2.4

S Does not meet publication standards because reporting less than 90 percent complete.

<sup>1</sup> Provisional. Represents either marriages performed, licenses issued, or intentions filed. U.S. total based on receipts corrected for observed differences between provisional and final data. State data are not corrected in this manner.

<sup>2</sup> Per 1,000 population. Based on total population residing in area; population enumerated as of Apr. 1 for 1950 and 1960, estimated as of July 1 for other years.

<sup>3</sup> Includes reported annulments. <sup>4</sup> 1950 excludes Alaska and Hawaii. <sup>5</sup> Estimated.

<sup>6</sup> Incomplete. <sup>7</sup> Marriage licenses.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 75. MEDIAN AGE AT FIRST MARRIAGE, BY SEX: 1920 TO 1966

[Beginning 1950, based on sample. Prior to 1960, excludes Alaska and Hawaii. For definition of median, see headnote, table 8. See also *Historical Statistics, Colonial Times to 1957*, series A 228-229]

YEAR			YEAR		
Male			Male		
Female			Female		
1920	24.6	21.2	1961	22.8	20.3
1930	24.3	21.3	1962	22.7	20.3
1940	24.3	21.5	1963	22.8	20.5
1950	22.8	20.3	1964	23.1	20.5
1955	22.6	20.2	1965	22.8	20.6
1960	22.8	20.3	1966	22.8	20.5

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 159.

No. 76. MEDIAN AGE OF BRIDE AND GROOM AT FIRST MARRIAGE AND REMARRIAGE, BY REPORTING STATES: 1961 TO 1963

[By place of occurrence. Medians computed from distribution of marriages by 5-year age groups. For definition of median, see headnote, table 8. Based on a sample]

STATE	1961				1962				1963			
	First marriage		Re-marriage		First marriage		Re-marriage		First marriage		Re-marriage	
	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom
Total	20.2	23.0	35.7	39.5	20.2	23.0	35.8	40.2	20.5	23.0	35.6	40.2
Alabama	18.9	22.4	33.3	39.7	18.7	22.5	36.5	39.0	19.5	22.5	33.8	38.7
Alaska	19.6	23.6	34.0	37.6	22.0	23.8	33.6	37.9	20.1	23.7	33.7	37.7
California	19.9	23.2	34.2	37.4	20.3	23.1	34.7	39.6	20.4	23.1	35.7	40.0
Connecticut	21.7	23.9	37.3	41.1	21.8	24.0	36.7	42.0	22.1	23.8	36.9	40.8
Delaware	20.7	23.3	36.5	38.8	20.8	23.0	37.3	40.6	21.0	23.0	37.4	41.1
Dist. of Col.	21.7	24.0	35.8	41.4	21.5	24.0	37.5	37.3	21.9	23.9	36.5	41.0
Florida	19.8	23.2	36.7	41.9	20.2	23.3	37.3	42.0	20.2	23.2	36.3	41.6
Georgia	19.5	22.7	32.1	37.1	19.1	22.4	32.5	38.0	19.7	22.5	33.9	38.0
Hawaii	21.8	24.3	33.8	36.1	21.9	24.0	33.2	38.5	21.8	23.9	33.6	38.7
Idaho	18.6	22.2	34.0	36.8	18.2	21.7	32.3	36.0	19.3	21.9	33.8	38.3
Indiana	19.5	22.6	30.8	35.8	19.3	22.5	33.8	37.9	19.8	22.6	34.4	38.7
Iowa	19.9	22.7	38.6	40.5	20.2	22.6	37.2	39.1	20.4	22.7	34.6	38.6
Kansas	19.3	22.4	38.6	41.0	19.2	22.4	34.4	36.4	19.7	22.4	33.7	38.2
Kentucky	19.2	22.5	30.0	38.7	19.1	22.3	37.0	41.3	19.4	22.4	35.6	40.9
Louisiana	19.5	22.8	39.7	41.5	19.2	22.4	36.0	41.7	19.9	22.7	36.9	41.2
Maine	19.4	22.5	32.6	37.0	19.2	22.6	32.8	37.4	19.8	22.7	34.9	39.1
Maryland	19.7	23.2	37.6	40.4	19.6	23.0	37.3	41.0	20.0	23.2	35.8	39.1
Massachusetts	21.6	23.6	34.5	43.0	21.4	23.6	37.3	42.1	21.5	23.5	37.8	42.3
Michigan	19.7	22.6	37.4	41.0	20.0	22.8	36.0	37.9	20.2	22.7	35.3	40.3
Mississippi	19.2	22.5	35.8	41.5	18.9	22.5	36.7	41.1	19.5	22.5	35.0	41.1
Montana	19.6	23.0	33.5	36.6	19.7	23.2	31.1	36.1	19.9	23.0	33.1	37.3
Nebraska	20.1	22.9	34.3	38.3	20.3	22.9	33.6	40.6	20.2	22.8	34.0	38.7
New Hampshire	20.3	23.4	33.8	38.5	20.4	23.4	33.5	38.2	20.7	23.4	34.1	39.0
New Jersey	21.7	23.8	38.3	41.0	21.4	23.8	38.1	43.2	21.8	23.7	39.6	42.5
New York <sup>1</sup>	20.6	23.2	39.6	43.6	21.3	23.7	36.6	42.9	21.2	23.4	38.0	43.6
Ohio	20.7	23.1	35.2	37.8	20.4	23.0	36.3	41.0	21.0	23.0	36.8	40.1
Oregon	19.1	22.5	33.6	30.0	19.4	22.6	36.1	44.7	19.9	22.6	37.4	41.0
Pennsylvania	21.7	23.6	38.1	42.7	21.3	23.3	39.9	41.9	21.5	23.4	36.4	42.4
Rhode Island	21.1	23.6	36.5	43.2	21.6	23.4	35.3	37.5	21.8	23.4	37.3	41.3
South Dakota	19.6	23.2	31.4	35.8	19.2	23.0	33.3	37.0	20.0	23.0	32.8	37.9
Tennessee	19.5	22.6	33.2	38.6	19.5	22.5	33.7	38.8	19.6	22.4	33.3	38.1
Utah	19.4	22.4	33.8	36.6	19.2	22.3	33.8	37.0	19.9	22.5	31.8	35.2
Vermont	19.9	22.9	39.8	43.6	20.0	22.9	36.9	42.1	20.2	22.9	37.5	41.9
Virginia	20.5	23.1	34.7	39.1	20.4	23.1	34.5	39.1	20.5	23.0	34.4	40.0
Wisconsin	21.0	23.3	42.1	48.0	20.9	23.2	39.1	46.3	21.3	23.3	41.9	46.8
Wyoming	19.3	22.8	33.3	37.8	19.3	22.8	32.9	37.5	19.8	22.9	33.5	38.7

<sup>1</sup> Excludes New York City.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.



**No. 77. DIVORCES AND ANNULMENTS—MEDIAN DURATION OF MARRIAGE IN YEARS,  
BY REPORTING STATES: 1950 TO 1963**

[By place of occurrence. For definition of median, see headnote, table 8]

STATE	1950	1955	1957	1958	1959	1960	1961	1962	1963
<b>Total, reporting States <sup>1</sup></b>	5.3	6.2	6.6	6.4	7.0	7.1	7.1	7.3	7.5
Alabama	(NA)	6.5	2 7.1	7.4	7.6	7.3	7.3	7.1	7.5
Alaska	5.0	5.7	6.0	6.5	6.0	6.2	6.3	6.2	6.8
Georgia	(NA)	<sup>2</sup> 5.6	<sup>2</sup> 6.1	5.9	6.1	6.3	6.6	5.9	6.3
Hawaii	(NA)	6.9	6.5	7.0	6.9	6.3	6.3	7.0	7.2
Idaho	4.2	4.2	4.7	4.6	4.2	4.8	4.7	5.6	5.0
Iowa	4.5	5.0	5.3	5.6	5.4	5.7	5.5	6.2	6.1
Kansas	(NA)	5.7	6.2	(NA)	6.3	5.8	6.5	5.9	6.5
Maryland	(NA)	(NA)	(NA)	(NA)	(NA)	9.0	9.4	9.4	10.3
Michigan	6.6	<sup>2</sup> 7.2	7.5	(NA)	(NA)	(NA)	7.6	8.0	8.0
Missouri	5.2	<sup>2</sup> 5.9	<sup>2</sup> 6.1	(NA)	(NA)	(NA)	6.6	6.1	6.9
Montana	(NA)	4.8	5.2	5.4	5.1	5.1	5.2	5.9	5.9
Nebraska	<sup>3</sup> 5.7	5.6	6.1	5.9	6.0	6.3	6.5	6.1	6.7
Ohio	(NA)	6.4	6.7	(NA)	(NA)	(NA)	(NA)	7.7	7.7
Oregon	4.7	5.1	5.7	5.9	6.0	5.9	6.4	6.5	5.8
Pennsylvania	(NA)	(NA)	(NA)	(NA)	9.1	9.2	8.6	9.6	8.7
Rhode Island	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9.0
South Dakota	4.8	5.7	5.9	5.9	6.2	6.3	6.3	6.6	6.3
Tennessee	4.6	5.6	5.5	5.7	6.1	6.3	6.1	6.4	6.6
Utah	(NA)	(NA)	5.0	5.4	5.4	4.7	5.2	5.5	5.1
Virginia	8.2	7.9	8.5	8.5	8.7	8.3	8.6	8.6	9.2
Wisconsin	(NA)	(NA)	(NA)	(NA)	7.4	8.2	8.4	7.2	8.1
Wyoming	4.2	4.7	5.0	5.4	5.1	5.4	4.8	5.3	5.3

NA Not available. <sup>1</sup> Prior to 1959, excludes Alaska, and 1960, Hawaii.

<sup>2</sup> Based on incomplete data. <sup>3</sup> Excludes annulments.

**No. 78. PERCENT DISTRIBUTION OF DIVORCES AND ANNULMENTS BY NUMBER OF  
CHILDREN REPORTED—DIVORCE-REGISTRATION AREA, AND EACH REGISTRATION  
STATE: 1963**

[By place of occurrence. Based on sample. Relates to children under 18 years of age except as noted. Excludes cases for which the number of children was not stated]

AREA AND STATE	Total	NUMBER OF CHILDREN REPORTED					
		None	1	2	3	4	5 or more
<b>Divorce-registration area</b>	100.0	38.4	23.9	18.7	10.7	5.0	3.4
Alabama <sup>1</sup>	100.0	37.0	26.3	17.8	10.6	5.1	3.1
Alaska <sup>2</sup>	100.0	41.8	20.3	18.8	10.1	5.4	3.6
Georgia	100.0	38.4	26.5	19.6	9.4	3.7	2.4
Hawaii <sup>3</sup>	100.0	28.6	20.6	20.8	13.3	8.5	8.0
Idaho <sup>4</sup>	100.0	39.2	23.7	17.7	11.5	3.8	4.0
Iowa	100.0	33.2	23.5	18.8	12.6	6.8	5.2
Kansas <sup>5</sup>	100.0	36.4	22.6	18.8	12.0	5.9	4.4
Maryland	100.0	38.5	24.8	21.3	9.7	4.1	1.7
Michigan	100.0	40.0	21.0	19.7	11.9	4.7	2.7
Missouri <sup>6</sup>	100.0	45.2	21.2	15.9	9.7	5.0	3.0
Montana	100.0	38.7	22.9	18.7	10.2	5.1	4.5
Nebraska <sup>4</sup>	100.0	40.4	22.0	17.5	11.7	4.7	3.7
Ohio	100.0	39.3	23.0	18.7	9.9	5.4	3.7
Oregon	100.0	41.2	22.6	18.3	10.0	5.4	2.5
Pennsylvania	100.0	26.5	31.7	20.4	13.3	5.0	3.1
Rhode Island	100.0	24.5	33.3	23.7	10.4	4.6	3.5
South Dakota	100.0	36.1	21.3	22.2	9.9	5.7	4.7
Tennessee <sup>6</sup>	100.0	43.8	24.7	15.7	8.9	3.8	3.0
Utah	100.0	30.7	24.4	18.4	13.2	7.0	6.2
Virginia <sup>1</sup>	100.0	42.2	23.4	18.5	9.2	4.0	2.8
Wisconsin	100.0	33.2	22.7	19.7	12.2	5.9	6.2
Wyoming	100.0	39.6	22.6	20.0	9.9	5.3	2.7

<sup>1</sup> Number of minor children affected. <sup>2</sup> Number of children under 21 affected.

<sup>3</sup> Number of minor children. <sup>4</sup> Number of children affected by decree.

<sup>5</sup> Number of children. <sup>6</sup> Number of children under 18 of this marriage.

Source of tables 77 and 78: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 79. PHYSICIANS, DENTISTS, AND NURSES—TOTAL AND RATE: 1950 TO 1965

[Data for physicians as of December 31; dentists as of midyear; nurses for 1950 as of census date; thereafter, as of January 1. Data for nurses prior to 1960 exclude Alaska and Hawaii. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1957*, series B 180-185 for related data]

ITEM	1950	1955	1960	1964	1965
Physicians, total <sup>1</sup>	232,700	255,200	274,800	297,100	305,100
Doctors of medicine	220,000	241,700	260,500	284,300	292,100
Doctors of osteopathy	12,700	13,500	14,300	12,800	13,000
Population, total <sup>2</sup>	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Physicians per 100,000 population	149	150	148	151	153
Physicians in private practice	168,100	169,900	179,200	188,400	190,800
Doctors of medicine	158,200	159,400	168,200	178,500	180,800
Doctors of osteopathy	9,900	10,500	11,000	9,900	10,000
Population, civilian <sup>3</sup>	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Physicians in private practice per 100,000 civilians	109	102	98	97	97
Dentists, total	87,164	94,879	101,947	107,231	109,301
Population, total <sup>4</sup>	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Dentists per 100,000 population	57	57	56	56	56
Dentists, active non-Federal	75,313	76,087	82,630	84,800	86,317
Population, civilian resident <sup>5</sup>	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Dentists, active non-Federal, per 100,000 civilians	50	47	46	45	45
Nurses, active professional graduates	375,000	430,000	504,000	582,000	621,000
Population, resident <sup>6</sup>	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Nurses per 100,000 population	249	256	281	306	319

<sup>1</sup> Includes non-Federal physicians with temporary foreign addresses.  
<sup>2</sup> Estimated resident population, as of Jan. 1. Includes Puerto Rico, outlying areas, Armed Forces and U.S. Government civilian employees and their dependents abroad.  
<sup>3</sup> As of Dec. 31. Includes Puerto Rico and outlying areas.  
<sup>4</sup> Estimated total population, as of July 1. Includes Armed Forces abroad.  
<sup>5</sup> Estimated civilian resident population, as of July 1. <sup>6</sup> For 1956. <sup>7</sup> For 1966.  
<sup>8</sup> For 1956 and 1960, enumerated population as of Apr. 1; for 1956, estimated population as of July 1; for all other years, estimated population as of Jan. 1. Excludes Armed Forces abroad.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Health Resources Statistics: Health Manpower, 1965*. Compiled from data supplied by the American Medical Association, American Osteopathic Association, American Dental Association, and American Nurses' Association. Population data, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25.

No. 80. PHYSICIANS, BY TYPE OF PRACTICE: 1950 TO 1965

[As of December 31. Includes Puerto Rico and outlying areas; and all physicians in Federal service regardless of where located]

TYPE OF PRACTICE	1950	1955	1960	1964	1965
All physicians <sup>1</sup>	232,697	255,211	274,834	297,136	305,115
Doctors of medicine <sup>1</sup>	219,997	241,711	260,484	284,271	292,088
Private practice	158,189	159,371	168,142	178,528	180,752
Training programs <sup>2</sup>	21,416	31,028	37,562	40,964	43,508
Federal service	12,576	12,957	14,212	18,329	18,912
Other non-Federal practice	16,816	25,197	27,341	31,780	34,403
Retired, not in practice	9,728	11,666	11,820	13,361	13,279
Status not reported (address unknown)	1,272	1,492	1,407	1,309	1,234
Doctors of osteopathy <sup>1</sup>	12,700	13,500	14,350	12,865	13,027
Private practice	9,900	10,500	11,034	9,902	9,996
Other practice	(NA)	(NA)	1,142	1,007	1,100
Retired, not in practice	(NA)	(NA)	1,188	1,211	1,232
Status not reported	(NA)	(NA)	986	745	699
Percent, all physicians <sup>1</sup>	100	100	100	100	100
Private practice	72	67	65	63	63
General practice	48	39	31	26	25
Full-time specialty <sup>4</sup>	24	28	34	37	38
Training programs <sup>2</sup>	9	12	14	14	15
Federal service	6	5	5	6	6
Other non-Federal practice	7	10	10	11	11
Inactive, no report	6	6	6	6	5

NA Not available.  
<sup>1</sup> Includes non-Federal physicians with addresses temporarily unknown to the American Medical Association.  
<sup>2</sup> Interns and residents (Federal and non-Federal) as reported in the *American Medical Association Directory of Approved Internships and Residencies*.  
<sup>3</sup> Includes 2,800 osteopaths for 1950 and 3,000 for 1955, breakdown not available.  
<sup>4</sup> Primary specialty other than general practice.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Health Resources Statistics: Health Manpower, 1965*. Compiled from data supplied by the American Medical Association and the American Osteopathic Association.

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## No. 81. PHYSICIAN AND DENTAL VISITS PER YEAR, BY SEX, AGE, AND RESIDENCE: 1963-64

[Annual averages based on household interviews from July 1963 to June 1964. Refers to the civilian noninstitutional population]

SEX AND AGE OF PATIENT	PHYSICIAN VISITS				DENTAL VISITS			
	Total	Residence <sup>1</sup>			Total	Residence <sup>1</sup>		
		Inside SMSA's	Outside SMSA's			Inside SMSA's	Outside SMSA's	
			Nonfarm	Farm			Nonfarm	Farm
<b>Total.....millions..</b>	844.3	568.3	237.0	39.0	293.7	216.1	66.6	11.0
By sex:								
Male.....millions..	356.1	237.7	100.2	18.3	129.0	95.6	27.9	5.5
Female.....millions..	488.3	330.7	136.9	20.7	164.8	120.5	38.7	5.5
<b>VISITS PER PERSON</b>								
<b>Total.....</b>	4.5	4.8	4.3	3.3	1.6	1.8	1.2	0.9
By age:								
0 to 4 years.....	5.5	6.0	4.7	3.6	0.3	0.4	0.3	(S)
5 to 14 years.....	2.8	3.1	2.5	1.8	1.9	2.2	1.4	1.0
15 to 24 years.....	4.3	4.5	4.2	2.7	2.0	2.3	1.6	1.1
25 to 44 years.....	4.5	4.8	4.2	2.8	1.9	2.1	1.4	1.5
45 to 64 years.....	5.0	5.2	4.8	4.7	1.7	1.9	1.4	1.0
65 years and over.....	6.7	6.8	6.7	5.4	0.8	0.9	0.7	(S)
By sex:								
Male.....	4.0	4.2	3.7	3.0	1.4	1.7	1.0	0.9
Female.....	5.1	5.4	4.8	3.7	1.7	2.0	1.4	1.0

S Does not meet publication standards because of magnitude of sampling error.

<sup>1</sup> For definition of standard metropolitan statistical areas (SMSA's), see text, p. 2.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 10-Nos. 18 and 23.

## No. 82. EMPLOYMENT IN HEALTH SERVICES, BY OCCUPATION GROUP: 1965, 1970, AND 1975

[In thousands. Estimates and projections of full-time equivalent employment of wage and salary workers in major occupation groups in the health service industry; excludes physicians and dentists]

OCCUPATION GROUP	1965	1970	1975
<b>Total.....</b>	2,700	3,150	3,600
Administrative and office.....	500	570	600
Dietary personnel.....	235	265	295
Laundry, housekeeping, and maintenance.....	280	320	345
Medical laboratory personnel.....	100	130	160
Medical records personnel.....	35	39	42
Nursing personnel.....	1,200	1,415	1,700
Pharmacists.....	11	12	13
Rehabilitative and other technicians.....	120	150	185
X-Ray technologists.....	30	40	52
All other employees.....	189	209	208

Source: Dept. of Labor, Manpower Administration. In *Monthly Labor Review*, January 1967.



No. 83. PHYSICIANS AND DENTISTS, 1965, AND NURSES, 1962—NUMBER AND RATE, STATES AND OTHER AREAS

[Physicians as of December 31, dentists as of midyear, and nurses as of January 1. Rates per 100,000 population. See headnote, table 79]

STATE OR OTHER AREA	1965								1962		
	Number of physicians			Physician-population ratio		Number of dentists		Dentist-population ratio		Nurses, number <sup>3</sup>	Nurse-population ratio
	Total	M.D.'s	D.O.'s	Total <sup>1</sup>	Private practice <sup>2</sup>	Total	Active	Total <sup>1</sup>	Active <sup>2</sup>		
Total <sup>4</sup> .....	305, 115	292, 088	13, 027	153	97	109, 301	86, 317	56	45	550, 000	298
Alabama.....	2, 735	2, 733	2	80	62	1, 068	962	31	28	5, 224	157
Alaska.....	157	155	2	71	61	69	60	31	27	694	287
Arizona.....	2, 201	1, 941	260	139	103	646	529	41	33	4, 972	335
Arkansas.....	1, 712	1, 691	21	88	67	610	529	31	27	2, 219	120
California.....	32, 899	32, 441	458	180	128	11, 227	9, 028	61	49	55, 240	324
Colorado.....	3, 524	3, 274	250	182	122	1, 133	988	59	51	7, 005	370
Connecticut.....	5, 121	5, 063	58	182	117	1, 863	1, 590	66	56	11, 537	440
Delaware.....	692	651	41	139	96	205	161	41	32	1, 828	391
Dist. of Columbia.....	2, 937	2, 920	17	373	184	755	628	96	80	4, 148	526
Florida.....	8, 618	8, 027	591	151	97	2, 834	2, 257	50	40	16, 432	302
Georgia.....	4, 362	4, 285	77	102	71	1, 259	1, 048	30	25	7, 924	194
Hawaii.....	917	901	16	142	105	459	418	71	65	1, 998	288
Idaho.....	651	615	36	95	83	323	309	47	45	1, 932	276
Illinois.....	14, 659	14, 306	353	138	95	6, 320	5, 271	60	50	29, 371	291
Indiana.....	5, 126	4, 932	194	105	82	2, 216	1, 881	45	39	11, 575	248
Iowa.....	3, 303	2, 883	420	120	88	1, 537	1, 317	56	48	8, 874	320
Kansas.....	2, 632	2, 427	205	120	85	1, 007	870	46	40	6, 281	284
Kentucky.....	3, 094	3, 054	40	99	71	1, 156	994	37	32	5, 382	175
Louisiana.....	3, 986	3, 973	13	114	79	1, 290	1, 085	37	31	6, 681	198
Maine.....	1, 211	999	212	124	97	447	366	46	38	3, 630	371
Maryland.....	5, 780	5, 760	20	167	87	1, 483	1, 221	43	35	7, 949	246
Massachusetts.....	10, 835	10, 544	291	204	120	3, 767	3, 063	71	58	26, 032	502
Michigan.....	12, 038	10, 050	1, 988	147	96	4, 240	3, 830	52	47	21, 322	266
Minnesota.....	5, 356	5, 289	67	151	93	2, 456	2, 018	69	57	13, 285	384
Mississippi.....	1, 714	1, 713	1	74	58	628	573	27	25	3, 203	142
Missouri.....	6, 677	5, 522	1, 155	149	97	2, 355	1, 914	53	43	9, 505	220
Montana.....	714	671	43	103	91	373	337	54	48	2, 433	349
Nebraska.....	1, 694	1, 643	51	116	87	921	738	63	51	4, 624	320
Nevada.....	439	412	27	102	86	181	131	42	30	917	262
New Hampshire.....	894	867	27	135	98	301	259	45	39	3, 056	491
New Jersey.....	9, 689	9, 081	608	144	107	4, 211	3, 543	63	53	22, 101	348
New Mexico.....	1, 011	894	117	100	77	311	265	31	26	2, 126	213
New York.....	39, 169	38, 601	568	217	134	14, 250	11, 891	79	66	67, 830	388
North Carolina.....	4, 976	4, 946	30	103	69	1, 508	1, 284	31	27	10, 876	231
North Dakota.....	576	565	11	90	78	280	233	44	36	2, 153	340
Ohio.....	14, 329	13, 293	1, 036	140	95	4, 942	4, 238	48	41	29, 569	295
Oklahoma.....	2, 814	2, 399	415	115	89	958	844	39	34	4, 000	163
Oregon.....	2, 839	2, 673	166	150	108	1, 473	1, 251	78	66	6, 285	348
Pennsylvania.....	18, 108	16, 602	1, 506	157	106	6, 603	5, 837	57	51	42, 222	371
Rhode Island.....	1, 384	1, 299	85	160	117	488	412	56	48	3, 473	396
South Carolina.....	2, 009	2, 002	7	81	62	578	488	23	20	5, 244	214
South Dakota.....	572	534	38	82	71	294	257	42	37	1, 948	270
Tennessee.....	4, 333	4, 267	66	114	76	1, 539	1, 409	40	37	6, 473	177
Texas.....	12, 029	11, 218	811	116	87	3, 814	3, 188	37	31	17, 448	172
Utah.....	1, 323	1, 303	20	134	94	596	565	60	57	2, 245	234
Vermont.....	718	676	42	181	109	190	151	48	38	1, 722	445
Virginia.....	4, 888	4, 850	38	114	77	1, 633	1, 410	38	33	9, 998	235
Washington.....	4, 471	4, 266	205	153	110	2, 025	1, 847	69	63	10, 148	337
West Virginia.....	1, 861	1, 745	116	103	76	669	600	37	33	4, 455	248
Wisconsin.....	4, 958	4, 789	169	120	88	2, 533	2, 087	61	50	13, 333	332
Wyoming.....	315	300	15	94	85	150	142	45	42	1, 078	325
Puerto Rico.....	1, 807	1, 807	-	69	41	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Outlying areas <sup>5</sup> .....	188	188	-	70	13	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available.  
<sup>1</sup> U.S. rate based on total population including Armed Forces abroad; State rates based on civilian population.  
<sup>2</sup> Rates based on civilian population. <sup>3</sup> Active professional graduates.  
<sup>4</sup> Includes 22,836 physicians and 7,127 dentists in the Federal service, not allocated by State; also includes 1,234 non-Federal physicians with addresses temporarily unknown to the American Medical Association.  
<sup>5</sup> American Samoa, Canal Zone, Guam, Virgin Islands, and Trust Territory of the Pacific Islands.  
Source: Dept. of Health, Education, and Welfare, Public Health Service; *Health Resources Statistics: Health Manpower, 1965*. Compiled from data supplied by the American Medical Association, American Osteopathic Association, American Dental Association, and American Nurses' Association.

## No. 84. NATIONAL HEALTH EXPENDITURES: 1940 TO 1966

[In millions of dollars, except percent. For years ending June 30. Prior to 1960, private expenditures exclude Alaska and Hawaii]

TYPE OF EXPENDITURE	1940	1945	1950	1955	1960	1964	1965	1966 (prel.)
<b>Total</b> .....	3,881	7,906	12,151	17,875	26,385	35,660	39,141	42,967
Percent of gross national product.....	4.1	3.7	4.6	4.7	5.3	5.8	6.0	6.0
<b>Private expenditures</b> .....	3,023	5,335	9,065	13,517	20,020	26,697	29,423	32,094
Health and medical services.....	2,992	5,305	8,850	13,192	19,542	25,647	28,190	30,770
Direct payments.....	1 2,900	1 4,875	7,146	9,448	13,087	16,006	17,549	19,004
Insurance benefits.....	(NA)	(NA)	880	2,358	4,698	7,393	8,269	9,242
Expenses for prepayment.....	(NA)	(NA)	274	596	792	1,111	1,212	1,329
Industrial in-plant services.....	40	90	150	210	265	319	330	345
Philanthropy.....	52	340	400	580	700	818	830	850
Medical-facilities construction.....	31	30	215	325	478	1,050	1,233	1,324
<b>Public expenditures</b> .....	858	2,571	3,086	4,358	6,365	8,963	9,718	10,873
Percent of total.....	22.1	32.5	25.4	24.4	24.1	25.1	24.8	25.3
Health and medical services.....	804	2,505	2,561	3,948	5,791	8,355	9,049	10,184
General medical and hospital care.....	341	355	915	1,217	1,952	2,447	2,512	2,594
Defense Department facilities.....	100	1,631	316	763	805	982	1,017	1,310
Dependents medical care <sup>2</sup> .....	(X)	(X)	(X)	(X)	60	75	78	85
Veterans' hospital and medical care.....	72	98	586	723	884	1,070	1,133	1,205
Public assistance (vendor medical payments).....	(X)	(X)	51	212	492	1,148	1,367	1,620
Workmen's compensation (medical benefits) <sup>3</sup> .....	90	122	193	315	420	545	585	625
Temporary disability insurance (medical benefits) <sup>4</sup> .....	(X)	(X)	1	6	16	29	29	33
Medical vocational rehabilitation.....	(Z)	1	7	9	18	31	34	54
Maternal and child health services.....	14	62	30	93	139	198	218	252
School health (educational agencies).....	18	23	31	66	101	128	132	135
Medical research.....	3	17	73	139	471	1,099	1,230	1,425
Other public health activities.....	167	195	359	405	432	602	713	844
Medical-facilities construction.....	55	66	525	411	574	609	669	689
Veterans Administration.....	14	16	156	33	58	76	81	83
Defense Department.....	(NA)	(NA)	(NA)	33	40	42	35	29
Other.....	40	50	369	345	477	490	554	577
<b>Personal health care expenditures: <sup>5</sup></b>								
Total amount.....	3,613	7,511	10,606	15,855	23,463	30,985	33,876	37,143
Percent from—Private expenditures.....	82.4	69.5	79.9	78.5	79.2	78.5	79.0	78.7
Public expenditures.....	17.6	30.5	20.1	21.5	20.8	21.5	21.0	21.3

NA Not available. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Includes any insurance benefits and expenses for prepayment (insurance premiums less insurance benefits).

<sup>2</sup> Medical care for military dependents in non-Federal facilities.

<sup>3</sup> Includes medical benefits paid under public law by private insurance carriers and self-insurers.

<sup>4</sup> Excludes medical benefits paid under public law in California and New York by private insured and self-insured plans; such benefits included in insurance benefits under private expenditures.

<sup>5</sup> Includes all items shown under "health and medical services," except (a) "expenses for prepayment" and one-fourth of "philanthropy" under private expenditures and (b) "medical research" and "other public health activities" under public expenditures.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, December 1966.

## No. 85. INDEXES OF MEDICAL CARE PRICES: 1940 TO 1966

[1957-59=100. Prior to 1964, excludes Alaska and Hawaii. These indexes are components of the consumer price index which was revised beginning 1964. For explanation of the index, see text, pp. 347-348]

YEAR	Total medical care	MEDICAL CARE SERVICES						Prescriptions and drugs
		Total	Physicians' fees	Tonsillectomy	Optometric examination and eye-glasses	Dentists' fees	Hospital daily service charges	Obstetrical case
1940.....	50.3	47.3	54.5	55.8	70.8	53.5	25.4	43.6
1945.....	57.5	55.2	63.3	65.5	77.8	63.3	32.5	54.3
1950.....	73.4	71.7	76.0	81.5	89.5	81.5	57.8	67.7
1955.....	88.6	88.0	90.0	92.7	93.8	93.1	83.0	90.8
1958.....	100.1	100.0	100.0	99.8	100.0	100.2	99.9	99.9
1959.....	104.4	104.8	103.4	103.6	101.1	102.7	105.5	102.8
1960.....	108.1	109.1	106.0	107.9	103.7	104.7	112.7	105.0
1961.....	111.3	113.1	108.7	110.0	107.0	105.2	121.3	107.3
1962.....	114.2	116.8	111.9	112.5	108.6	108.0	129.8	110.7
1963.....	117.0	120.3	114.4	115.3	109.3	111.1	138.0	112.5
1964.....	119.4	123.2	117.3	118.7	110.7	114.0	144.9	115.2
1965.....	122.3	127.1	121.5	122.2	113.0	117.6	153.3	117.8
1966.....	127.7	133.9	128.5	127.5	116.1	121.4	168.0	123.0

Source: Dept. of Labor, Bureau of Labor Statistics; *Price Indexes for Selected Items and Groups, Annual Averages*.



# NO. 86. NATIONAL HEALTH EXPENDITURES, BY OBJECT, 1950 TO 1965, AND BY SOURCE OF FUNDS, 1965

[In millions of dollars. Calendar year data; therefore not strictly comparable with those in table 84, which are for fiscal years]

OBJECT OF EXPENDITURE	1950	1955	1960	1964	Total	1965			
						Private funds		Public funds	
						Consumers	Other	Federal	State and local
<b>Total</b> .....	12,867	18,036	26,892	37,493	40,751	28,074	2,460	5,262	4,955
Hospitals.....	3,845	5,929	9,044	12,621	13,379	8,127	305	1,967	2,980
Federal.....	728	902	1,221	1,535	1,600	15	-	1,566	19
State and local.....	1,175	1,911	2,827	3,827	4,018	1,352	-	166	2,500
Nongovernmental.....	1,942	3,116	4,996	7,259	7,761	6,760	305	235	461
Physicians' services <sup>1</sup> .....	2,755	3,680	5,684	8,065	9,003	8,428	9	137	429
Dentists' services.....	975	1,525	1,977	2,647	2,832	2,800	-	18	14
Other professional services <sup>2</sup> .....	395	559	830	885	896	818	24	15	39
Drugs and drug sundries <sup>3</sup> .....	1,730	2,385	3,663	4,437	4,757	4,617	-	71	69
Eyeglasses and appliances <sup>4</sup> .....	490	597	784	1,105	1,260	1,219	-	17	24
Nursing home care.....	142	222	526	1,215	1,324	793	21	273	237
Insurance, net cost.....	300	614	845	1,151	1,272	1,272	-	-	-
Government health services <sup>5</sup> .....	982	1,198	1,302	1,641	1,938	-	-	1,176	762
Private health services <sup>6</sup> .....	296	390	500	596	613	-	613	-	-
Research.....	117	216	663	1,322	1,490	-	163	1,269	58
Medical facilities construction.....	840	721	1,074	1,808	1,987	-	1,325	319	343

- Represents zero.

<sup>1</sup> Services of medical and osteopathic physicians in private practice and consumer-sponsored group clinics.

<sup>2</sup> Services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners.

<sup>3</sup> Includes surgical supplies.

<sup>4</sup> Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artificial limbs, crutches, wheelchairs, etc.

<sup>5</sup> Expenditures for dispensaries, outpatient clinics separate from hospitals, field health stations, etc., maintained by Federal Government for military personnel, veterans, seamen, Indians, etc., and administrative costs of Department of Defense and Veterans Administration medical programs; public health expenditures made by Departments of Public Health excluding hospital care, fee payments to private practitioners, and research and construction expenditures; includes school health services provided by public education agencies.

<sup>6</sup> Expenditures of private voluntary health agencies for community health services, community education, fund raising, and administration; industrial-in-plant health services.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, February 1967.

## NO. 87. NATIONAL HEALTH EXPENDITURES—PERCENT DISTRIBUTION BY OBJECT: 1950 TO 1965

OBJECT OF EXPENDITURE	1950	1955	1960	1964	1965
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0
Hospitals.....	29.9	32.9	33.6	33.7	32.8
Federal.....	5.7	5.0	4.5	4.1	3.9
State and local.....	9.1	10.6	10.5	10.2	9.9
Nongovernmental.....	15.1	17.3	18.6	19.4	19.0
Physicians' services <sup>1</sup> .....	21.4	20.4	21.1	21.5	22.1
Dentists' services.....	7.6	8.5	7.4	7.1	6.9
Other professional services <sup>1</sup> .....	3.1	3.1	3.1	2.4	2.2
Drugs and drug sundries <sup>1</sup> .....	13.4	13.2	13.6	11.8	11.7
Eyeglasses and appliances <sup>1</sup> .....	3.8	3.3	2.9	2.9	3.1
Nursing home care.....	1.1	1.2	2.0	3.2	3.2
Insurance, net cost.....	2.3	3.4	3.1	3.1	3.1
Government health services <sup>1</sup> .....	7.7	6.6	4.8	4.4	4.7
Private health services <sup>1</sup> .....	2.3	2.2	1.9	1.6	1.5
Research.....	0.9	1.2	2.5	3.5	3.7
Medical facilities construction.....	6.5	4.0	4.0	4.8	4.9

<sup>1</sup> See footnote for corresponding item, table 86.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, February 1967.



# No. 88. HEALTH AND MEDICAL CARE—PRIVATE CONSUMER EXPENDITURES BY OBJECT, AND AMOUNT MET BY INSURANCE: 1950 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Type of service includes employer contributions to health insurance or health plans for employees; excludes expenditures made by government agencies and by business enterprises (except as contributions to health insurance) and philanthropic contributions to hospitals]

ITEM	AMOUNT (mil. dol.)					PERCENT				
	1950	1955	1960	1964	1965	1950	1955	1960	1964	1965
<b>OBJECT OF EXPENDITURE</b>										
<b>Total</b> .....	8,501	12,421	18,911	25,928	28,074	100.0	100.0	100.0	100.0	100.0
Hospital care.....	1,965	3,244	5,281	7,612	8,127	23.1	26.1	27.9	29.4	28.9
Physicians' services <sup>1</sup> .....	2,597	3,433	5,304	7,554	8,428	30.5	27.6	28.0	29.1	30.0
Dentists' services.....	961	1,508	1,962	2,620	2,800	11.3	12.1	10.4	10.1	10.0
Other professional services <sup>1</sup> .....	370	531	795	820	818	4.4	4.3	4.2	3.2	2.9
Drugs and drug sundries <sup>1</sup> .....	1,716	2,355	3,598	4,315	4,617	20.2	19.0	19.0	16.6	16.4
Eyeglasses and appliances <sup>1</sup> .....	482	586	760	1,067	1,219	5.7	4.7	4.0	4.1	4.3
Nursing home care.....	110	150	366	789	793	1.3	1.2	1.9	3.0	2.8
Health insurance, net cost.....	300	614	845	1,151	1,272	3.5	4.9	4.5	4.4	4.5
<b>AMOUNT MET BY INSURANCE</b>										
<b>Total</b> <sup>2</sup> .....	8,201	11,807	18,066	24,777	26,802	100.0	100.0	100.0	100.0	100.0
Direct payments.....	7,209	9,271	13,070	16,945	18,073	87.9	78.5	72.3	68.4	67.4
Insurance benefits.....	992	2,536	4,996	7,832	8,729	12.1	21.5	27.7	31.6	32.6
Hospital care.....	1,965	3,244	5,281	7,612	8,127	100.0	100.0	100.0	100.0	100.0
Direct payments.....	1,285	1,565	1,977	2,425	2,337	65.4	18.2	37.4	31.9	28.8
Insurance benefits.....	<sup>3</sup> 680	<sup>3</sup> 1,679	3,304	5,187	5,790	<sup>3</sup> 34.6	<sup>3</sup> 51.8	62.6	68.1	71.2
Physicians' services.....	2,597	3,433	5,304	7,554	8,428	100.0	100.0	100.0	100.0	100.0
Direct payments.....	2,285	2,576	3,711	5,127	5,748	88.0	75.0	70.0	67.9	68.2
Insurance benefits.....	<sup>3</sup> 312	<sup>3</sup> 857	1,593	2,427	2,680	<sup>3</sup> 12.0	<sup>3</sup> 25.0	30.0	32.1	31.8
All other services.....	3,639	5,130	7,481	9,611	10,247	100.0	100.0	100.0	100.0	100.0
Direct payments.....	3,639	5,130	7,382	9,393	9,988	100.0	100.0	98.7	97.7	97.5
Insurance benefits.....	( <sup>3</sup> )	( <sup>3</sup> )	99	218	259	( <sup>3</sup> )	( <sup>3</sup> )	1.3	2.3	2.5

<sup>1</sup> See footnote for corresponding item, table 86. <sup>2</sup> Excludes net cost of insurance.

<sup>3</sup> Includes small amounts of insurance payments for other services, not available separately.

# No. 89. HEALTH AND MEDICAL CARE—PER CAPITA NATIONAL AND PRIVATE CONSUMER EXPENDITURES, BY OBJECT: 1950 TO 1965

[Based on Bureau of the Census estimated population as of July 1. National expenditures cover total population including Armed Forces and Federal civilian employees abroad; private consumer expenditures cover civilian resident population]

OBJECT OF EXPENDITURE	1950	1955	1960	1962	1963	1964	1965
<b>NATIONAL EXPENDITURES</b>							
<b>Total</b> .....	\$78.20	\$103.03	\$139.20	\$154.89	\$163.37	\$178.83	\$191.54
Hospital care.....	25.25	35.72	50.05	56.77	61.45	65.68	68.76
Physicians' services <sup>1</sup> .....	18.09	22.17	31.45	34.81	36.37	41.97	46.26
Dentists' services.....	6.40	9.19	10.94	11.97	12.02	13.78	14.55
Other professional services <sup>1</sup> .....	2.59	3.37	4.59	4.64	4.67	4.61	4.60
Drugs and drug sundries <sup>1</sup> .....	11.36	14.37	20.27	21.95	22.35	23.09	24.44
Eyeglasses and appliances <sup>1</sup> .....	3.22	3.60	4.34	4.89	5.19	5.75	6.47
Nursing home care.....	.93	1.34	2.91	3.72	4.70	6.32	6.80
Net cost of insurance.....	1.97	3.70	4.68	5.72	5.67	5.99	6.54
Government health services.....	6.44	7.22	7.21	7.49	7.89	8.55	9.96
Private health services.....	1.94	2.35	2.76	2.94	3.06	3.10	3.15
<b>PRIVATE CONSUMER EXPENDITURES</b>							
<b>Total</b> .....	\$56.38	\$76.22	\$106.15	\$117.83	\$123.79	\$136.92	\$146.31
Hospital care.....	13.03	19.91	29.64	33.90	37.13	40.20	42.36
Physicians' services <sup>1</sup> .....	17.22	21.07	29.77	32.87	34.33	39.89	43.92
Dentists' services.....	6.37	9.25	11.01	12.04	12.07	13.84	14.59
Other professional services <sup>1</sup> .....	2.45	3.26	4.46	4.47	4.47	4.33	4.26
Drugs and drug sundries <sup>1</sup> .....	11.38	14.45	20.20	21.77	22.11	22.79	24.06
Eyeglasses and appliances <sup>1</sup> .....	3.20	3.60	4.27	4.82	5.09	5.63	6.35
Nursing home care.....	.73	.92	2.05	2.15	2.83	4.17	4.13
Net cost of insurance.....	1.99	3.77	4.74	5.81	5.75	6.08	6.63

<sup>1</sup> See footnote for corresponding item, table 86.

Source of tables 88 and 89: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, February 1967.

# **No. 90. PERSONAL HEALTH SERVICES—FAMILY CHARGES INCURRED AND INSURANCE BENEFITS, BY RESIDENCE, BY TYPE OF SERVICE: 1958 AND 1963**

[1958 data are for year ending June 30 and exclude Alaska and Hawaii; 1963 data are for calendar year. Based on a national survey conducted by the National Opinion Research Center and the Center for Health Administration Studies, University of Chicago. This survey consisted of a sample ("area probability" type) of 2,941 families comprising 9,546 persons in 1958 and 2,367 families comprising 7,803 persons in 1963. Excludes health insurance premiums]

SERVICE OR GOODS	Gross charges incurred, amount (billion dollars)	INSURANCE BENEFITS COVERING CHARGES INCURRED		CHARGES PER FAMILY (dollars)			
		Amount (billion dollars)	Percent charges covered by benefits	Urban		Rural nonfarm	Rural farm
				Areas of 1,000,000 inhabitants or more	Other		
<b>1958</b>							
<b>Total</b> .....	<b>16.2</b>	<b>3.1</b>	<b>19</b>	<b>340</b>	<b>284</b>	<b>297</b>	<b>211</b>
Physicians' charges.....	5.4	1.0	18	108	94	105	71
Surgery.....	1.1	.5	48	(NA)	(NA)	(NA)	(NA)
Obstetrics.....	.5	.2	30	(NA)	(NA)	(NA)	(NA)
Other physicians.....	3.8	.3	7	(NA)	(NA)	(NA)	(NA)
Hospitals.....	3.7	2.2	58	74	67	70	51
Prescriptions and other medicines.....	3.3	(Z)	1	64	58	63	47
Other medical goods and services.....	1.3	(Z)	1	28	24	24	19
Dentists <sup>1</sup> .....	2.4	(Z)	(Z)	66	41	35	23
<b>1963</b>							
<b>Total</b> .....	<b>20.7</b>	<b>5.5</b>	<b>27</b>	<b>404</b>	<b>373</b>	<b>353</b>	<b>302</b>
Physicians' charges.....	6.4	1.6	25	128	114	111	93
Surgery.....	1.6	.9	58	(NA)	(NA)	(NA)	(NA)
Obstetrics.....	.6	.2	32	(NA)	(NA)	(NA)	(NA)
Other physicians.....	4.3	.6	13	(NA)	(NA)	(NA)	(NA)
Hospitals.....	5.4	3.7	69	94	98	102	81
Prescriptions and other medicines.....	4.2	.1	1	74	78	73	69
Other medical goods and services.....	1.9	.1	5	41	34	32	26
Dentists <sup>1</sup> .....	2.7	(Z)	(Z)	67	48	36	33

NA Not available. Z Less than \$50 million, or less than 0.5 percent.

<sup>1</sup> Includes expenditures made directly to dental laboratories for X-rays, denture repair, and manufacture of dentures on basis of impressions taken by dentists.

# **No. 91. PERSONAL HEALTH SERVICES—FAMILY CHARGES INCURRED AND OUTLAY, BY INCOME GROUP AND INSURANCE STATUS: 1958 AND 1963**

[For definition of median, see headnote, table 8. See also headnote, table 90]

FAMILY INCOME GROUP	MEAN GROSS CHARGES PER FAMILY			MEDIAN GROSS CHARGES PER FAMILY			AGGREGATE FAMILY OUTLAY, PERCENT <sup>1</sup>		
	All families	Insured	Uninsured	All families	Insured	Uninsured	All families	Insured	Uninsured
<b>1958</b>									
<b>Total</b> .....	<b>\$294</b>	<b>\$339</b>	<b>\$194</b>	<b>\$158</b>	<b>\$196</b>	<b>\$94</b>	<b>5.5</b>	<b>5.5</b>	<b>5.3</b>
Under \$2,000.....	165	233	136	59	106	51	13.0	17.8	10.6
\$2,000 to \$3,499.....	226	256	191	118	141	93	8.4	9.7	6.7
\$3,500 to \$4,999.....	287	304	236	161	178	134	6.4	6.8	5.5
\$5,000 to \$7,499.....	336	352	240	203	213	129	5.4	5.6	4.2
\$7,500 and over.....	411	425	317	256	259	208	3.9	4.1	2.9
<b>1963</b>									
<b>Total</b> .....	<b>\$370</b>	<b>\$429</b>	<b>\$201</b>	<b>\$209</b>	<b>\$255</b>	<b>\$111</b>	<b>5.0</b>	<b>5.2</b>	<b>3.9</b>
Under \$2,000.....	228	292	162	86	100	72	15.7	23.7	10.0
\$2,000 to \$3,499.....	245	337	144	104	149	79	8.5	11.5	5.1
\$3,500 to \$4,999.....	289	322	212	169	186	115	6.8	7.7	4.6
\$5,000 to \$7,499.....	409	438	253	255	265	168	5.6	6.1	3.1
\$7,500 and over.....	480	501	317	316	333	201	3.8	3.9	2.5

<sup>1</sup> Percent of aggregate family income. Includes health insurance premiums; excludes insurance benefits and unpaid bills.

Source of tables 90 and 91: 1958, Odin W. Andersen, Patricia Collette, and Jacob J. Feldman, *Changes in Family Medical Care Expenditures and Voluntary Health Insurance—A Five-Year Resurvey*, Harvard University Press, 1963. 1963: Ronald Andersen and Odin W. Anderson, *Progress in Health Services*, Vol. 14, No. 5, 1965, and Vol. 15, No. 1, 1966 (Reports of Health Information Foundation), and *A Decade of Personal Health Services: Trends in Use and Expenditure*.

**No. 92. PERSONS WITH HOSPITAL AND SURGICAL INSURANCE, BY AGE AND FAMILY INCOME: 1962-63**

[In thousands, except percent. Refers to civilian noninstitutional population. Based on a sample survey conducted by household interviews during period July 1962 through June 1963 and subject to sampling variability; for details, see source]

COVERAGE AND AGE	POPULATION		PERCENT WITH INSURANCE, BY FAMILY INCOME				
	Total	With insurance	All incomes <sup>1</sup>	Under \$2,000	\$2,000 to \$3,999	\$4,000 to \$6,999	\$7,000 and over
<b>HOSPITAL INSURANCE</b>							
All ages.....	183, 146	128, 703	70.3	34.1	51.9	79.0	87.5
Under 15 years.....	58, 241	40, 030	68.7	21.9	42.8	78.2	87.6
15 to 24 years.....	25, 700	16, 979	66.1	41.6	49.4	73.7	82.6
25 to 44 years.....	45, 353	34, 602	76.3	30.9	52.7	81.8	90.0
45 to 64 years.....	36, 986	27, 985	75.7	37.9	63.1	83.5	90.5
65 years and over.....	16, 866	9, 107	54.0	39.0	58.4	66.4	70.3
<b>SURGICAL INSURANCE</b>							
All ages.....	183, 146	119, 413	65.2	28.8	46.8	73.9	83.0
Under 15 years.....	58, 241	37, 744	64.8	18.5	39.2	74.1	83.5
15 to 24 years.....	25, 700	15, 564	60.6	35.6	43.7	68.2	77.7
25 to 44 years.....	45, 353	32, 584	71.8	26.4	48.4	77.2	86.0
45 to 64 years.....	36, 986	25, 814	69.8	32.5	57.6	77.2	85.6
65 years and over.....	16, 866	7, 707	45.7	32.0	50.3	56.4	61.0

<sup>1</sup> Includes persons with unknown incomes.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 10-No. 11.

**No. 93. SURGICALLY TREATED PATIENTS AND PERCENT OF SURGEON'S BILL PAID BY INSURANCE, BY SELECTED CHARACTERISTICS: 1963-64**

[Covers patients in short-stay hospitals. Annual averages based on household interviews from July 1963-June 1964. Refers to the civilian noninstitutional population]

CHARACTERISTIC	Surgically treated patients discharged (1,000)	Percent of bill partly or entirely paid by insurance	CHARACTERISTIC	Surgically treated patients discharged (1,000)	Percent of bill partly or entirely paid by insurance
Total.....	12, 836	67.5	By residence: <sup>1</sup>		
By sex:			Inside SMSA's.....	8, 447	69.2
Male.....	3, 936	75.8	Outside SMSA's:		
Female.....	8, 900	63.8	Nonfarm.....	3, 722	66.0
Excluding deliveries.....	5, 086	74.9	Farm.....	667	54.1
By age:			By region:		
Under 15 years.....	1, 951	79.7	Northeast.....	3, 301	72.4
15 to 44 years.....	7, 384	62.3	North Central.....	3, 531	73.2
45 to 64 years.....	2, 409	78.6	South.....	3, 799	61.7
65 years and over.....	1, 091	55.5	West.....	2, 205	60.8
By color:			By family income: <sup>2</sup>		
White.....	11, 669	70.1	Under \$2,000.....	1, 250	33.8
Nonwhite.....	1, 166	41.3	\$2,000 to \$3,999.....	2, 143	47.7
			\$4,000 to \$6,999.....	4, 356	74.0
			\$7,000 to \$9,999.....	2, 604	81.6
			\$10,000 and over.....	1, 897	80.2

<sup>1</sup> For definition of standard metropolitan statistical areas (SMSA's), see text, p. 2.

<sup>2</sup> Excludes patients with unknown family income.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, and unpublished data.



# **No. 94. HOSPITAL UTILIZATION RATES FOR OLDER PERSONS, BY INSURANCE STATUS, AGE, AND SEX: 1962**

[Covers persons 62 years old and over discharged from general and short-stay special hospitals]

HOSPITAL INSURANCE STATUS AND AGE	DISCHARGES PER 1,000 PERSONS			HOSPITAL DAYS PER 1,000 PERSONS			AVERAGE STAY (days)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total: <sup>1</sup>									
62 to 64 years.....	145	137	152	1,934	2,124	1,765	13.3	15.5	11.6
65 to 72 years.....	168	185	153	2,243	2,342	2,160	13.4	12.6	14.1
73 years and over.....	175	184	169	3,000	3,371	2,722	17.1	18.3	16.1
With insurance:									
62 to 64 years.....	161	146	174	2,090	2,150	2,036	13.0	14.7	11.7
65 to 72 years.....	186	199	176	2,181	2,189	2,175	11.7	11.0	12.4
73 years and over.....	201	197	204	3,257	2,951	3,486	16.2	15.0	17.1
Without insurance:									
62 to 64 years.....	114	117	111	1,633	2,062	1,237	14.4	17.6	11.2
65 to 72 years.....	144	168	123	2,369	2,555	2,209	16.4	15.2	17.9
73 years and over.....	156	173	144	2,855	3,471	2,190	18.2	21.6	15.2

<sup>1</sup> Includes respondents with insurance status unknown.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, July 1964.

# **No. 95. MEDICAL COSTS FOR OLDER PERSONS, BY MARITAL STATUS, SEX, AND HOSPITALIZATION STATUS: 1962**

[Covers persons 65 years old and over. Data from 1963 Survey of the Aged, based on a multistage probability sample. For details, see source. For definition of median, see headnote, table 8]

MEDICAL COST INCURRED <sup>1</sup>	MARRIED COUPLES		NONMARRIED MEN		NONMARRIED WOMEN	
	Hospital- ized <sup>2</sup>	Not hos- pitalized <sup>3</sup>	Hospital- ized <sup>2</sup>	Not hos- pitalized <sup>3</sup>	Hospital- ized <sup>2</sup>	Not hos- pitalized <sup>3</sup>
Population.....1,000.....	1,291	4,100	362	1,813	878	5,035
PERCENT DISTRIBUTION						
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Reporting costs <sup>4</sup> .....	76.0	91.4	52.8	88.9	62.9	89.6
Not reporting costs.....	24.0	8.6	47.2	11.1	37.1	10.4
Care without charge <sup>5</sup> .....	17.3	6.1	38.1	9.7	28.1	8.8
Cost unknown.....	6.7	2.5	9.4	1.4	8.9	1.6
Percent reporting costs <sup>4</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0
None incurred.....	-	3.4	-	18.3	-	10.0
\$1 to \$99.....	-	30.6	2.1	51.2	1.3	44.7
\$100 to \$199.....	3.4	21.7	5.2	15.1	3.6	24.0
\$200 to \$299.....	2.3	16.9	8.9	6.0	9.1	9.8
\$300 to \$399.....	5.6	11.2	11.0	4.1	8.9	4.6
\$400 to \$499.....	8.3	5.2	5.8	2.4	8.5	2.5
\$500 to \$749.....	19.0	6.7	11.0	1.8	22.8	3.2
\$750 to \$999.....	15.1	2.4	19.9	0.5	10.0	0.3
\$1,000 to \$1,499.....	19.7	1.3	18.3	0.6	17.2	0.5
\$1,500 to \$1,999.....	10.6	0.2	4.7	-	8.9	0.2
\$2,000 to \$2,450.....	7.6	0.1	3.1	-	4.3	0.2
\$2,500 or more.....	8.5	0.1	9.9	-	5.3	0.1
Median cost.....	\$938	\$173	\$820	\$61	\$703	\$89
Mean cost.....	\$1,220	\$233	\$1,084	\$102	\$1,022	\$147

- Represents zero.

<sup>1</sup> Includes costs met by health insurance but excludes premiums for the insurance.

<sup>2</sup> In general or short-stay hospitals. For couples, one or both members were hospitalized.

<sup>3</sup> Excludes persons in nursing homes and long-stay hospitals.

<sup>4</sup> Assumed responsibility for payment out of own resources (including health insurance) or with the help of relatives.

<sup>5</sup> Some or all care provided through government sources or private voluntary agencies, or supplied by a doctor or hospital with no bill rendered.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, July 1964.

## No. 96. HOSPITAL USE: 1935 TO 1965

[Prior to 1959, excludes Alaska and Hawaii. Rates per 1,000 population]

YEAR	GENERAL AND SPECIAL HOSPITALS <sup>1</sup>			MENTAL HOSPITALS, ANNUAL RATE <sup>2</sup>		TUBERCULOSIS HOSPITALS		
	Annual rate <sup>2</sup>		Average length of stay (days)	Admissions	Total days in hospital	Annual rate <sup>2</sup>		Average length of stay (days)
	Admissions	Total days in hospital				Admissions	Total days in hospital	
1935-----	58.6	882.0	15.0	1.4	1,455.0	0.7	174.2	257.4
1940-----	74.3	1,019.2	13.7	1.4	1,634.0	0.7	185.3	269.0
1945-----	120.2	1,986.8	16.5	1.9	1,720.2	0.7	164.7	253.1
1950-----	109.8	1,165.3	10.6	2.0	1,659.4	0.7	174.7	233.2
1955-----	125.4	1,237.5	9.9	2.2	1,644.6	0.7	145.9	218.9
1959-----	130.5	1,252.2	9.6	2.3	1,453.2	0.6	104.1	188.1
1960-----	136.3	1,264.8	9.3	2.3	1,490.9	0.4	86.0	200.3
1961-----	136.4	1,269.1	9.3	2.4	1,430.9	0.4	77.5	189.9
1962-----	139.8	1,294.8	9.3	2.6	1,398.9	0.4	69.6	185.7
1963-----	142.8	1,313.7	9.2	2.6	1,392.7	0.3	60.1	171.7
1964-----	144.7	1,327.1	9.2	2.7	1,325.7	0.3	57.3	(NA)
1965-----	145.5	1,328.7	9.1	2.9	1,260.6	0.3	52.4	(NA)

NA Not available. <sup>1</sup> Includes all types of hospitals other than mental and tuberculosis.<sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1.Source: Dept. of Health, Education, and Welfare, Public Health Service; *Health, Education, and Welfare Trends*, annual supplement to *Health, Education, and Welfare Indicators*. (Computed from data prepared by American Medical Association and American Hospital Association.)

## No. 97. HOSPITALS—TYPE OF SERVICE AND CONTROL: 1946 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Covers hospitals accepted for listing by the American Hospital Association. See text, p. 46. Short-term hospitals have an average patient stay of 30 days or less; long-term, an average stay of longer duration. See also *Historical Statistics, Colonial Times to 1957*, series B 195-248]

ITEM	1946	1950	1955	1960	1963	1964	1965
<b>Hospitals</b> -----	6,125	6,788	6,956	6,876	7,138	7,127	7,123
<b>Beds</b> -----1,000--	1,436	1,456	1,604	1,658	1,702	1,696	1,704
<b>Rate</b> <sup>1</sup> -----	10.3	9.6	9.8	9.2	9.0	8.9	8.8
<b>TYPE OF SERVICE AND OWNERSHIP</b>							
Federal hospitals, all types-----	404	414	428	435	446	441	443
Beds-----1,000--	236	189	183	177	176	175	174
Non-Federal hospitals-----	5,721	6,374	6,528	6,441	6,692	6,686	6,680
Beds-----1,000--	1,200	1,266	1,421	1,481	1,526	1,521	1,530
Short-term general and special-----	4,444	5,031	5,237	5,407	5,684	5,712	5,736
Beds-----1,000--	473	505	568	639	698	721	741
Long-term general and special-----	389	412	402	308	323	300	283
Beds-----1,000--	83	70	76	67	74	69	66
Psychiatric-----	476	533	542	488	499	487	483
Beds-----1,000--	568	620	707	722	715	691	685
Tuberculosis-----	412	398	347	238	186	187	178
Beds-----1,000--	75	72	70	52	39	40	37
<b>NON-FEDERAL OWNERSHIP OR CONTROL</b>							
State hospitals-----	( <sup>2</sup> )	( <sup>2</sup> )	552	556	561	555	546
Beds-----1,000--	( <sup>2</sup> )	( <sup>2</sup> )	739	752	739	719	708
Local government hospitals-----	<sup>2</sup> 1,504	<sup>2</sup> 1,654	1,253	1,324	1,446	1,500	1,495
Beds-----1,000--	<sup>2</sup> 812	<sup>2</sup> 844	203	201	211	216	216
Church hospitals-----	( <sup>3</sup> )	( <sup>3</sup> )	1,101	1,241	1,271	1,227	1,266
Beds-----1,000--	( <sup>3</sup> )	( <sup>3</sup> )	162	193	206	211	216
Other nonprofit hospitals-----	<sup>3</sup> 2,921	<sup>3</sup> 3,250	2,339	2,338	2,392	2,424	2,404
Beds-----1,000--	<sup>3</sup> 335	<sup>3</sup> 368	265	289	317	321	336
Proprietary hospitals-----	1,296	1,470	1,283	982	1,022	980	969
Beds-----1,000--	53	55	52	46	53	54	54

<sup>1</sup> Beds per 1,000 population. Based on Bureau of the Census estimated resident population as of July 1.<sup>2</sup> State hospitals included with "Local."<sup>3</sup> Church-operated and affiliated hospitals included with "Other."Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.

## No. 98. HOSPITAL FACILITIES—TOTAL, 1950 TO 1965, AND STATES AND PUERTO RICO, 1965

[Prior to 1960, excludes Alaska and Hawaii. For definition of short-term, see headnote, table 97. See also *Historical Statistics, Colonial Times to 1957*, series B 195-198 and B 249-252]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS		BASSINETS		PATIENTS ADMITTED (1,000)		AVERAGE CENSUS <sup>2</sup>	
	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>	Total	Short- term, general and special <sup>1</sup>
1950.....	6,788	5,031	1,455,825	504,504	90,101	86,019	18,483	16,663	1,252,831	371,837
1955.....	6,956	5,237	1,604,408	567,612	98,823	93,868	21,078	19,100	1,363,024	406,910
1960.....	6,876	5,407	1,657,970	639,057	102,764	98,127	25,027	22,970	1,401,873	477,437
1961.....	6,923	5,460	1,669,789	658,521	103,393	98,720	25,474	23,375	1,392,856	489,468
1962.....	7,028	5,564	1,689,414	676,795	104,101	99,479	26,531	24,307	1,406,818	508,791
1963.....	7,138	5,684	1,701,839	698,191	104,695	100,190	27,502	25,267	1,429,586	530,318
1964.....	7,127	5,712	1,696,039	720,810	103,350	98,905	28,266	25,987	1,420,918	550,062
1965										
U.S.....	7,123	5,736	1,703,522	741,292	101,287	96,782	28,812	26,463	1,402,625	563,424
Alabama.....	144	125	26,708	11,476	1,820	1,743	494	456	23,094	8,706
Alaska.....	26	13	2,024	573	209	91	42	21	1,321	314
Arizona.....	80	56	9,403	5,384	910	774	236	195	7,037	3,669
Arkansas.....	84	74	14,252	6,553	1,057	1,077	287	266	11,059	4,636
California.....	627	509	139,171	62,522	8,223	7,762	2,582	2,341	113,915	44,941
Colorado.....	92	72	16,655	8,282	1,221	1,123	358	318	13,162	6,042
Connecticut.....	69	43	26,362	9,371	1,390	1,377	378	351	22,467	7,432
Delaware.....	16	8	5,605	1,656	290	263	66	58	4,720	1,238
Dist. of Col.....	21	13	14,350	3,943	596	485	174	136	12,348	3,297
Florida.....	173	149	36,179	20,745	2,579	2,351	861	791	29,768	15,790
Georgia.....	146	124	31,652	12,916	2,108	1,926	634	565	27,929	10,046
Hawaii.....	33	23	6,320	2,362	400	337	97	77	4,844	1,587
Idaho.....	51	45	3,533	2,364	428	416	103	97	2,330	1,339
Illinois.....	333	266	108,062	45,844	5,514	5,423	1,676	1,571	86,522	36,141
Indiana.....	139	112	36,335	17,420	2,478	2,464	710	649	32,763	14,085
Iowa.....	137	118	21,676	12,469	1,728	1,695	451	430	16,610	9,413
Kansas.....	157	139	18,269	10,098	1,527	1,438	370	338	14,163	7,270
Kentucky.....	137	112	19,913	10,751	1,717	1,627	495	453	16,199	8,216
Louisiana.....	146	127	26,766	13,796	1,923	1,818	581	535	20,520	9,661
Maine.....	58	45	9,499	3,508	654	593	158	145	7,804	2,571
Maryland.....	86	47	33,366	10,382	1,541	1,340	449	374	28,254	8,230
Massachusetts.....	204	139	67,494	23,359	3,241	3,110	857	790	57,246	18,282
Michigan.....	255	195	73,889	29,438	4,032	3,949	1,145	1,075	64,549	23,998
Minnesota.....	205	178	35,619	18,714	2,589	2,573	623	596	28,716	13,125
Mississippi.....	108	96	16,011	7,420	1,127	1,073	317	293	12,486	5,039
Missouri.....	142	117	40,916	19,247	2,078	2,038	699	648	34,157	14,923
Montana.....	62	53	5,910	3,460	503	460	136	123	4,488	2,350
Nebraska.....	113	100	15,053	6,911	1,142	1,077	249	230	11,497	4,840
Nevada.....	21	16	2,640	1,676	240	218	67	61	1,909	1,164
New Hampshire.....	37	33	6,617	2,823	481	481	103	100	5,379	1,966
New Jersey.....	143	103	54,960	22,453	3,140	3,095	827	764	47,070	17,754
New Mexico.....	59	39	6,188	2,996	648	502	160	122	4,598	2,022
New York.....	457	351	219,295	80,255	8,488	8,358	2,528	2,364	194,853	63,996
North Carolina.....	167	141	36,472	17,129	2,825	2,652	742	672	29,527	13,002
North Dakota.....	63	55	6,193	3,739	593	553	131	117	4,693	2,566
Ohio.....	256	196	81,449	37,077	5,197	5,156	1,418	1,359	69,718	30,770
Oklahoma.....	139	114	17,838	8,757	1,327	1,206	354	309	13,905	6,064
Oregon.....	87	74	13,012	7,062	897	896	285	270	9,202	4,767
Pennsylvania.....	324	248	119,851	50,909	6,265	6,207	1,680	1,606	100,354	40,039
Rhode Island.....	25	16	9,682	3,283	454	422	125	111	8,470	2,620
South Carolina.....	78	65	20,608	8,262	1,358	1,248	362	315	17,126	6,442
South Dakota.....	61	49	4,832	3,135	543	486	123	105	4,975	2,023
Tennessee.....	150	122	31,431	14,456	1,878	1,783	628	582	26,460	11,183
Texas.....	556	487	71,586	38,844	5,515	5,106	1,670	1,495	55,760	27,120
Utah.....	39	32	4,735	3,031	550	532	140	133	3,548	2,266
Vermont.....	32	26	4,864	1,942	304	304	72	68	4,133	1,419
Virginia.....	127	100	56,040	13,872	2,149	1,914	596	520	32,546	11,292
Washington.....	132	110	18,703	9,758	1,586	1,442	471	419	13,941	6,469
West Virginia.....	91	75	16,521	8,418	998	998	334	314	13,419	6,438
Wisconsin.....	201	158	35,031	18,806	2,546	2,546	705	674	28,054	13,873
Wyoming.....	34	28	3,982	1,645	330	314	66	61	3,017	988
Puerto Rico.....	59	46	10,258	5,344	554	511	203	188	8,119	4,418

<sup>1</sup> Non-Federal hospitals. <sup>2</sup> Average inpatients receiving treatment each day; excludes newborn.

Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.



# **No. 99. HOSPITALS—ASSETS, EXPENSES, AND PERSONNEL, BY TYPE OF CONTROL AND SERVICE: 1950 TO 1965**

[Prior to 1960, excludes Alaska and Hawaii. For definition of short-term and long-term, see headnote, table 97]

SUBJECT AND YEAR	Total	Federal	NON-FEDERAL							
			Total	Psychi- atric	Tuber- culosis	Long- term <sup>1</sup>	Short-term <sup>1</sup>			
							Total	Volun- tary	Propri- etary	State and local govt.
<b>Assets (mil. dol.):</b>										
1950 -----	7,791	1,131	6,660	1,441	421	449	4,349	3,350	138	861
1955 -----	11,986	1,664	10,322	2,232	530	575	6,985	5,223	148	1,614
1960 -----	17,714	2,124	15,590	3,437	508	787	10,858	8,422	243	2,193
1963 -----	21,309	2,450	18,859	3,716	420	1,073	13,651	10,507	343	2,801
1964 -----	23,275	2,505	20,770	4,297	442	1,143	14,888	11,423	413	3,052
1965 -----	24,502	2,552	21,950	4,167	421	998	16,364	12,476	414	3,474
<b>Expenses <sup>2</sup> (mil. dol.):</b>										
1950 -----	3,651	712	2,938	539	162	117	2,120	1,523	143	454
1955 -----	5,594	837	4,757	923	208	192	3,434	2,508	174	752
1960 -----	8,421	1,134	7,287	1,205	192	273	5,617	4,139	275	1,203
1963 -----	10,956	1,458	9,498	1,433	158	376	7,532	5,491	417	1,624
1964 -----	12,031	1,703	10,528	1,708	163	407	8,349	6,039	493	1,817
1965 -----	12,948	1,568	11,380	1,662	165	406	9,147	6,643	510	1,994
<b>Personnel <sup>3</sup> (1,000):</b>										
1950 -----	1,058	169	888	147	45	34	662	473	41	148
1955 -----	1,301	192	1,109	188	48	47	826	597	41	188
1960 -----	1,598	186	1,412	238	39	55	1,080	792	48	241
1963 -----	1,840	206	1,634	261	29	67	1,277	921	64	291
1964 -----	1,827	193	1,693	264	30	67	1,333	962	67	304
1965 -----	1,952	198	1,754	274	29	65	1,386	1,011	70	306
<b>Personnel per 100 patients: <sup>3</sup></b>										
1950 -----	84	111	81	24	74	57	178	191	161	149
1955 -----	95	122	92	28	85	71	203	210	182	188
1960 -----	114	120	113	35	99	95	226	232	196	215
1963 -----	129	135	128	40	102	108	241	244	214	237
1964 -----	133	128	133	42	105	113	242	247	212	236
1965 -----	139	133	140	45	111	115	246	252	218	234

<sup>1</sup> Composed of both general and other special. <sup>2</sup> Excludes cost of new construction.

<sup>3</sup> Includes full-time equivalents of part-time personnel; except for 1950, excludes residents, interns, and students.

Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.

## **No. 100. HOSPITAL EXPENSE PER PATIENT DAY: 1946 TO 1965**

[In dollars. Prior to 1959, excludes Alaska and Hawaii. For definition of short-term and long-term, see headnote, table 97]

YEAR	TOTAL EXPENSE						PAYROLL EXPENSE <sup>2</sup>					
	Total	Non-Federal				Federal	Total	Non-Federal				Federal
		General and special		Mental <sup>1</sup>	Tuberculosis			General and special		Mental <sup>1</sup>	Tuberculosis	
		Short-term	Long-term					Short-term	Long-term			
1946 -----	5.21	9.39	2.97	1.39	4.57	6.14	2.93	4.98	1.64	0.80	2.38	4.06
1950 -----	7.98	15.62	5.39	2.43	7.22	12.77	4.79	8.86	3.32	1.38	4.06	9.35
1955 -----	11.24	23.12	8.06	3.73	10.13	14.60	7.20	14.26	5.36	2.17	6.48	11.63
1959 -----	15.65	30.19	12.50	4.71	12.80	19.62	10.37	18.76	8.39	3.26	8.54	15.98
1960 -----	16.46	32.23	12.82	4.91	13.37	20.11	10.92	20.08	9.01	3.45	8.92	16.34
1961 -----	18.46	34.98	14.49	5.53	14.72	23.34	12.25	21.54	10.12	4.00	9.89	19.15
1962 -----	19.73	36.83	15.10	5.72	15.22	24.97	13.12	22.79	10.62	4.16	10.38	20.42
1963 -----	21.00	38.91	16.57	5.98	15.13	26.28	13.93	24.01	11.61	4.40	10.31	21.58
1964 -----	23.20	41.58	18.91	6.97	15.72	27.17	15.38	25.26	13.21	5.16	10.78	22.38
1965 -----	25.29	44.48	19.79	7.50	17.39	28.67	16.70	27.44	13.96	5.60	12.20	23.12

<sup>1</sup> Includes short-term psychiatric hospitals.

<sup>2</sup> Includes full-time equivalents of part-time personnel; except for 1946 and 1950, excludes residents, interns, and students.

Source: American Hospital Association, Chicago, Ill.; *Hospitals*, Guide Issue.

**NO. 101. NURSING HOMES AND PERSONAL CARE HOMES WITH NURSING—STATES:  
1963**

STATE	Facilities	Beds	Resident patients	PERSONNEL EMPLOYED	
				Total	Per 1,000 patients
<b>United States.....</b>	<b>13, 514</b>	<b>546, 757</b>	<b>491, 397</b>	<b>241, 511</b>	<b>491. 5</b>
Alabama.....	97	4, 436	4, 207	2, 197	522. 2
Alaska.....	3	242	231	86	372. 3
Arizona.....	61	2, 261	1, 948	801	411. 2
Arkansas.....	91	3, 982	3, 645	1, 791	491. 4
California.....	915	35, 123	32, 563	16, 704	513. 0
Colorado.....	157	6, 366	5, 754	3, 113	541. 0
Connecticut.....	268	10, 288	9, 328	5, 753	616. 7
Delaware.....	38	1, 203	1, 071	517	482. 7
District of Columbia.....	41	1, 420	1, 280	618	482. 8
Florida.....	261	10, 776	9, 586	5, 129	535. 1
Georgia.....	141	6, 860	6, 247	2, 592	414. 9
Hawaii.....	24	1, 616	1, 499	497	331. 6
Idaho.....	64	1, 905	1, 788	1, 032	577. 2
Illinois.....	738	33, 151	29, 891	14, 433	482. 9
Indiana.....	442	14, 506	12, 586	5, 901	468. 9
Iowa.....	545	18, 439	16, 821	6, 810	404. 9
Kansas.....	353	11, 293	10, 569	4, 304	407. 2
Kentucky.....	206	6, 868	6, 106	2, 392	391. 7
Louisiana.....	115	4, 559	4, 080	2, 097	514. 0
Maine.....	211	3, 916	3, 474	1, 815	522. 5
Maryland.....	166	7, 021	6, 510	3, 524	541. 3
Massachusetts.....	859	27, 933	25, 242	13, 239	524. 5
Michigan.....	497	20, 149	18, 194	10, 478	575. 9
Minnesota.....	347	17, 143	16, 368	7, 923	454. 1
Mississippi.....	89	3, 380	2, 709	1, 031	380. 6
Missouri.....	386	17, 479	15, 609	8, 842	566. 5
Montana.....	89	2, 156	1, 923	858	446. 2
Nebraska.....	243	7, 452	6, 802	2, 931	430. 9
Nevada.....	20	495	436	228	522. 9
New Hampshire.....	147	3, 678	3, 206	1, 743	543. 7
New Jersey.....	276	13, 864	12, 297	7, 597	617. 8
New Mexico.....	35	940	798	454	568. 9
New York.....	907	54, 255	47, 896	25, 781	538. 3
North Carolina.....	207	5, 940	5, 477	2, 415	440. 9
North Dakota.....	51	2, 179	2, 001	933	466. 3
Ohio.....	857	34, 741	30, 669	12, 799	417. 3
Oklahoma.....	406	10, 935	9, 434	4, 462	473. 0
Oregon.....	209	9, 062	8, 436	3, 992	473. 2
Pennsylvania.....	668	39, 752	35, 454	17, 377	490. 1
Rhode Island.....	119	3, 387	3, 161	1, 605	507. 8
South Carolina.....	72	2, 352	2, 094	1, 014	434. 2
South Dakota.....	91	3, 643	3, 319	1, 278	385. 1
Tennessee.....	185	5, 020	4, 399	2, 200	500. 1
Texas.....	540	21, 389	17, 683	8, 409	475. 5
Utah.....	110	2, 313	2, 197	937	426. 5
Vermont.....	107	2, 037	1, 807	996	551. 2
Virginia.....	170	7, 299	6, 683	3, 092	462. 7
Washington.....	347	16, 817	15, 779	7, 600	481. 7
West Virginia.....	64	2, 751	2, 342	943	402. 6
Wisconsin.....	450	21, 142	19, 085	7, 931	415. 6
Wyoming.....	29	843	713	317	444. 6

Source: Dept. of Health, Education, and Welfare, Public Health Service; unpublished data.

# **No. 102. PATIENTS IN MENTAL HOSPITALS, PSYCHIATRIC SERVICES OF GENERAL HOSPITALS, OUTPATIENT PSYCHIATRIC CLINICS, AND INSTITUTIONS FOR THE MENTALLY RETARDED: 1935 TO 1966**

[In thousands, except rate. As of end of year. Prior to 1960, excludes Alaska, and 1961, Hawaii. Completeness of reporting varies from year to year]

YEAR	Total patients	HOSPITALS FOR MENTAL DISEASES				General hospitals with psychiatric services	OUTPATIENT PSYCHIATRIC CLINICS			INSTITUTIONS FOR THE MENTALLY RETARDED		
		Total <sup>1</sup>		Federal <sup>3</sup>	State and county <sup>4</sup>		Total	Non-VA clinics	VA clinics	Total <sup>1</sup>		Public <sup>5</sup>
		Number	Rate <sup>2</sup>							Number	Rate <sup>2</sup>	
1935 -----	519	422	331	23	389	(NA)	(NA)	(NA)	97	77	93	
1940 -----	589	479	364	34	434	5	(NA)	(NA)	105	80	101	
1945 -----	649	522	409	45	463	8	(NA)	(NA)	119	94	113	
1950 -----	722	580	386	54	513	7	(NA)	(NA)	135	90	128	
1955 -----	791	634	390	60	559	6	(NA)	(NA)	151	93	144	
1958 -----	791	621	363	62	545	8	(NA)	(NA)	162	94	154	
1959 -----	973	618	354	63	542	8	181	140	41	166	95	158
1960 -----	1,002	611	343	62	536	8	211	166	45	172	96	164
1961 -----	1,048	603	333	63	527	8	263	212	51	174	96	167
1962 -----	1,078	591	322	62	516	9	296	242	54	182	99	174
1963 -----	1,111	579	311	62	505	9	339	281	58	184	99	177
1964 -----	1,153	566	299	62	490	(NA)	400	337	63	187	99	180
1955 (prel.) ---	1,183	551	287	62	476	(NA)	436	367	69	196	102	188
1966 (prel.) ---	1,258	556	287	62	476	(NA)	500	421	80	202	104	189

NA Not available.

<sup>1</sup> Includes patients in private hospitals or institutions, not shown separately.

<sup>2</sup> Patients per 100,000 population estimated as of July 1. Total population used for 1935; civilian, thereafter.

<sup>3</sup> Includes veterans with mental disorders resident in VA hospitals and public health service hospitals at Fort Worth, Tex., and Lexington, Ky.

<sup>4</sup> Includes patients in State-operated psychopathic hospitals and, through 1950, in city hospitals.

<sup>5</sup> Includes city institutions through 1945.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions, Mental Health Statistics—Current Reports; Annual Statistical Report of Outpatient Psychiatric Clinics, Data on Patients of Outpatient Psychiatric Clinics in the United States; Veterans with Mental Disorders Resident in Veterans Administration Hospitals*; and unpublished data.

## **No. 103. ADMISSIONS AND RELEASES OF MENTAL PATIENTS AND MENTALLY RETARDED: 1964**

TYPE OF FACILITY	NUMBER OF FACILITIES		Resident patients, beginning of year	Total admissions <sup>1</sup>	Deaths in hospital	Resident patients, end of year	Net live releases <sup>2</sup>
	Total	Reporting					
State and county mental hospitals .....	289	289	504,328	299,561	44,824	490,449	268,616
Private mental hospitals .....	242	164	13,502	71,666	1,568	13,430	70,170
General hospitals with psychiatric services .....	1,046	1,046	(NA)	(NA)	(NA)	(NA)	440,000
Outpatient psychiatric clinics .....	1,930	1,575	<sup>3</sup> 342,800	472,154	-	400,142	<sup>4</sup> 414,812
Public institutions for the mentally retarded .....	135	135	176,999	15,276	3,384	199,599	9,292
Private institutions for the mentally retarded .....	199	90	7,130	1,460	177	7,382	1,031

- Represents zero. NA Not available.

<sup>1</sup> Excludes transfers. <sup>2</sup> Excess of patients released alive from hospital over those returning to hospital.

<sup>3</sup> Number on clinic rolls. <sup>4</sup> Number terminated from clinic rolls.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions, Data on Patients of Outpatient Psychiatric Clinics in the United States, and Survey of General Hospitals* (special study), Publication No. 1462.



# No. 104. MOVEMENT OF PATIENTS IN MENTAL HOSPITALS, OUTPATIENT PSYCHIATRIC CLINICS, AND INSTITUTIONS FOR THE MENTALLY RETARDED—STATES: 1964

[For number of facilities reporting, see table 103]

STATE	STATE, COUNTY, AND PRIVATE MENTAL HOSPITALS			OUTPATIENT PSYCHIATRIC CLINICS		PUBLIC AND PRIVATE INSTITUTIONS FOR THE MENTALLY RETARDED		
	Resident patients, end of year	Total admissions	Net live releases <sup>1</sup>	Case-load, end of year	Terminations	Resident patients, end of year	Total admissions	Net live releases <sup>1</sup>
United States.....	503,879	371,227	338,786	337,491	387,854	186,981	16,736	10,323
Alabama.....	7,625	5,208	4,584	2,294	4,982	2,135	218	86
Alaska.....	319	195	166	487	980	-	-	52
Arizona.....	1,829	3,278	3,064	1,359	1,285	887	126	47
Arkansas.....	3,217	3,610	3,713	802	473	463	45	28
California.....	35,223	34,196	33,308	25,200	48,193	13,322	1,386	1,023
Colorado.....	3,633	5,414	5,774	3,699	3,934	1,784	258	82
Connecticut.....	8,836	9,610	8,688	7,804	9,037	3,724	249	136
Delaware.....	1,748	1,084	871	-	-	567	70	66
District of Columbia.....	6,352	1,692	1,590	3,755	3,274	1,205	55	26
Florida.....	10,187	7,476	6,413	8,613	10,764	3,861	450	156
Georgia.....	12,205	9,860	8,665	1,632	2,403	1,591	170	223
Hawaii.....	931	430	460	1,652	2,201	843	65	48
Idaho.....	755	913	914	535	752	680	9	34
Illinois.....	33,751	23,810	21,987	16,746	20,828	11,087	876	691
Indiana.....	11,141	5,269	4,605	4,650	5,029	3,775	228	116
Iowa.....	2,816	6,149	6,312	4,451	6,001	2,193	223	289
Kansas.....	2,956	3,022	3,020	2,654	4,133	1,975	181	82
Kentucky.....	5,489	8,471	8,086	1,898	2,887	1,041	96	74
Louisiana.....	6,873	7,220	7,082	9,071	6,201	2,206	205	144
Maine.....	2,869	1,731	1,374	-	-	1,081	237	244
Maryland.....	8,883	9,516	8,608	6,184	12,943	2,603	207	117
Massachusetts.....	18,412	15,586	14,475	14,109	10,871	8,730	323	192
Michigan.....	20,570	12,335	11,861	7,747	9,737	12,455	912	592
Minnesota.....	7,208	5,726	5,584	7,563	10,138	5,771	311	277
Mississippi.....	5,404	4,088	3,771	384	897	1,178	135	2
Missouri.....	11,107	5,905	5,223	3,875	2,768	2,673	173	105
Montana.....	1,535	1,566	1,439	1,025	1,390	901	126	46
Nebraska.....	3,553	2,625	2,421	1,527	2,470	2,675	226	53
Nevada.....	481	566	582	274	535	(NA)	(NA)	(NA)
New Hampshire.....	2,419	1,499	1,253	1,440	1,790	904	45	13
New Jersey.....	20,679	13,921	11,749	13,327	10,044	5,716	313	207
New Mexico.....	1,068	1,952	1,834	87	109	475	249	66
New York.....	87,870	37,954	30,990	91,823	88,924	24,149	2,233	2,238
North Carolina.....	10,038	11,866	10,880	8,781	8,698	4,335	526	295
North Dakota.....	1,519	1,381	1,312	317	505	1,208	56	12
Ohio.....	22,536	19,142	17,542	19,693	19,133	10,113	841	348
Oklahoma.....	5,919	4,790	4,806	1,898	3,176	2,419	340	153
Oregon.....	3,269	3,630	3,766	2,854	3,778	2,431	167	321
Pennsylvania.....	38,575	16,901	14,127	21,438	25,491	12,513	843	444
Rhode Island.....	3,333	2,726	2,409	840	683	1,073	57	10
South Carolina.....	6,654	3,686	3,145	1,920	2,844	2,832	311	82
South Dakota.....	1,673	1,534	1,264	1,576	2,609	1,157	158	80
Tennessee.....	8,089	8,451	7,790	4,845	4,422	1,955	268	53
Texas.....	15,905	15,791	14,689	10,517	9,175	9,786	1,511	352
Utah.....	580	1,001	951	-	-	887	55	21
Vermont.....	1,614	1,100	949	-	-	656	69	17
Virginia.....	11,989	10,101	8,961	5,121	8,307	3,246	361	168
Washington.....	4,420	4,386	4,264	2,022	2,274	3,842	242	125
West Virginia.....	5,182	2,754	2,304	1,604	1,010	431	122	20
Wisconsin.....	13,958	9,435	8,562	5,501	8,848	4,888	369	244
Wyoming.....	682	675	599	1,897	928	559	40	23

- Represents zero. NA Not available.

<sup>1</sup> Excess of patients released alive from hospital (direct discharges plus leave placements) over those returning to hospital. National data on placements and returns from extramural care are not available, but net releases may be computed from less detailed movement data as follows: Net release equals resident patients beginning of year, plus all admissions excluding transfers, minus deaths in hospital, minus resident patients end of year.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions*, Parts I-IV, 1964, and *Data on Patients of Outpatient Psychiatric Clinics in the United States, 1964*.

# No. 105. PERSONNEL AND MAINTENANCE EXPENDITURES OF MENTAL HOSPITALS, OUTPATIENT PSYCHIATRIC CLINICS, AND PUBLIC INSTITUTIONS FOR THE MENTALLY RETARDED: 1940 TO 1964

[Prior to 1960, excludes Alaska, and 1963, Hawaii]

ITEM	1940	1945	1950	1955	1960	1963	1964
<b>STATE AND COUNTY MENTAL HOSPITALS <sup>1</sup></b>							
Total personnel, full-time <sup>2</sup>	70, 195	63, 303	110, 847	146, 392	181, 957	195, 356	185, 361
Average daily resident patient population <sup>2</sup>	401, 079	435, 544	504, 639	555, 033	538, 525	507, 408	496, 402
Staff ratios per 100 average daily resident patients: <sup>3</sup>							
Total employed.....	17.57	14.70	22.15	26.38	33.41	38.50	41.00
Physicians <sup>4</sup> .....	0.36	0.26	0.40	0.50	0.80	0.91	0.95
Graduate nurses.....	1.06	0.60	0.99	1.24	1.75	2.10	2.23
Other nurses and attendants.....	9.67	7.70	12.28	14.55	18.07	20.32	21.34
Social workers.....	0.08	0.09	0.16	0.24	0.40	0.52	0.53
Maintenance expenditures <sup>2</sup> <sup>5</sup> .....\$1,000.....	119, 778	165, 743	390, 673	618, 087	916, 236	1,081,537	1, 041, 044
Per average daily resident patient (per year) <sup>6</sup> .....dollars.....	301	386	780	1, 117	1, 701	2, 131	2, 302
<b>OUTPATIENT PSYCHIATRIC CLINICS</b>							
Number of reporting clinics.....	(NA)	(NA)	(NA)	(NA)	928	1, 718	1, 836
Professional man-hours: <sup>7</sup>							
Total.....	(NA)	(NA)	(NA)	(NA)	4, 996	10, 237	11, 236
Psychiatrists.....	(NA)	(NA)	(NA)	(NA)	1, 670	3, 316	3, 639
Psychologists.....	(NA)	(NA)	(NA)	(NA)	1, 153	2, 242	2, 407
Psychiatric social workers.....	(NA)	(NA)	(NA)	(NA)	1, 814	3, 893	4, 234
Psychiatric or mental health nurses.....	(NA)	(NA)	(NA)	(NA)	71	136	202
All other.....	(NA)	(NA)	(NA)	(NA)	283	650	754
<b>PUBLIC INSTITUTIONS FOR THE MENTALLY RETARDED</b>							
Total personnel, full-time <sup>2</sup>	15, 744	15, 926	25, 744	36, 333	54, 277	68, 839	67, 974
Average daily resident patient population <sup>2</sup>	99, 086	113, 482	127, 830	142, 265	163, 282	176, 048	162, 503
Staff ratios per 100 average daily resident patients: <sup>3</sup>							
Total employed.....	16.24	14.31	20.48	25.67	33.56	39.10	41.83
Physicians <sup>4</sup> .....	0.19	0.14	0.19	0.25	0.34	0.36	0.39
Graduate nurses.....	0.46	0.26	0.47	0.63	0.99	1.36	1.43
Other nurses and attendants.....	7.84	7.11	11.03	14.65	19.35	22.60	24.31
Teachers.....	0.66	0.49	0.56	0.59	0.76	0.84	0.84
Maintenance expenditures <sup>2</sup> <sup>5</sup> .....\$1,000.....	27, 961	42, 727	91, 822	153, 458	266, 237	353, 575	396, 588
Per average daily resident patient (per year) <sup>6</sup> .....dollars.....	291	386	746	1, 093	1, 650	1, 984	2, 441

NA Not available.

<sup>1</sup> Prior to 1950, includes State hospitals only. <sup>2</sup> Includes estimates.

<sup>3</sup> Based on average daily resident patient population of hospitals reporting personnel by occupation.

<sup>4</sup> Includes clinical directors, psychiatrists and psychiatric residents, and other staff physicians and residents including medical interns.

<sup>5</sup> Includes salaries and wages, purchased provisions, fuel, light, water, etc.

<sup>6</sup> Total maintenance expenditures divided by average daily resident patient population of institutions reporting expenditures.

<sup>7</sup> Full-time equivalents of full-time, part-time, and trainee personnel; excludes trainees of VA clinics.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Patients in Mental Institutions and Data on Staff and Man-Hours, Outpatient Psychiatric Clinics*.

## No. 106. ABSENCE DUE TO ILLNESS ON AN AVERAGE DAY—EMPLOYED CIVILIANS AND MILITARY PERSONNEL: 1950 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. Covers persons 14 years old and over employed in civilian labor force and military personnel on active duty throughout the world]

YEAR	CIVILIANS						Military personnel (percent)
	Number (1,000)			Percent			
	Total	Absent		Total	Absent		
		Less than workweek	Workweek or more		Less than workweek	Workweek or more	
1950-----	(NA)	(NA)	717	(NA)	(NA)	1.20	1.99
1955-----	(NA)	(NA)	835	(NA)	(NA)	1.32	1.27
1960-----	1,315	373	942	1.98	0.56	1.42	1.05
1961-----	1,250	351	898	1.87	0.53	1.34	0.99
1962-----	1,316	376	940	1.94	0.55	1.39	0.96
1963-----	1,390	390	1,000	2.02	0.57	1.45	0.91
1964-----	1,380	386	994	1.97	0.55	1.42	0.86
1965-----	1,485	436	1,049	2.06	0.60	1.46	0.87
1966-----	1,484	443	1,041	2.01	0.60	1.41	1.07

NA Not available.

Source: Dept. of Health, Education, and Welfare, Public Health Service. In *Health, Education, and Welfare Indicators*. Based on data from Bureau of Labor Statistics.

# NO. 107. SELECTED MEDICINAL CHEMICALS—PRODUCTION AND SALES: 1945 TO 1965

[Production and sales in thousands of pounds; value in thousands of dollars. Production in terms of 100-percent chemical content, exclusive of materials used in mixing or compounding tablets, solutions, and suspensions for consumer use. Sales include only that part of original production sold in undiluted or uncompounded form except as noted]

CHEMICAL	1945	1950	1955	1960	1962	1963	1964	1965
Amino acids: <sup>1</sup>								
Production.....	<sup>2</sup> 177	929	1,773	<sup>2</sup> 5,163	5,007	<sup>2</sup> 3,057	<sup>2</sup> 1,739	<sup>2</sup> 1,927
Sales.....	<sup>2</sup> 189	736	2,007	4,214	5,492	<sup>2</sup> 3,283	<sup>2</sup> 1,663	<sup>2</sup> 1,334
Value.....	<sup>2</sup> 502	1,942	4,901	6,330	7,210	<sup>2</sup> 4,256	<sup>2</sup> 2,407	<sup>2</sup> 1,968
Antihistamines:								
Production.....	-	277	<sup>2</sup> 151	255	375	287	344	380
Sales.....	-	<sup>2</sup> 88	<sup>2</sup> 61	<sup>2</sup> 106	216	169	167	206
Value.....	-	<sup>2</sup> 3,197	<sup>2</sup> 1,748	<sup>2</sup> 3,155	4,755	6,046	4,810	4,745
Aspirin:								
Production.....	10,941	11,110	15,092	23,553	27,194	28,400	28,221	29,089
Sales.....	10,120	12,003	13,203	18,271	22,874	24,693	24,864	26,169
Value.....	3,770	5,511	6,955	9,961	12,418	13,467	13,560	14,380
Barbiturates:								
Production.....	582	689	864	852	<sup>3</sup> 828	<sup>3</sup> 923	<sup>3</sup> 779	971
Sales.....	557	499	486	456	<sup>3</sup> 524	<sup>3</sup> 480	<sup>3</sup> 510	527
Value.....	3,025	2,740	2,807	2,429	<sup>3</sup> 2,389	<sup>3</sup> 2,387	<sup>3</sup> 2,399	2,128
Caffeine, natural and synthetic:								
Production.....	727	1,708	1,153	2,034	1,959	2,313	2,791	( <sup>1</sup> )
Sales.....	604	1,658	1,238	2,000	2,064	2,214	2,441	2,741
Value.....	1,616	6,597	3,673	4,176	4,856	4,830	4,260	5,036
Choline salts:								
Production.....	(D)	<sup>4</sup> 422	5,100	15,176	20,431	<sup>4</sup> 24,097	<sup>4</sup> 25,473	<sup>5</sup> 31,146
Sales.....	(D)	<sup>4</sup> 323	4,636	14,605	19,772	<sup>4</sup> 23,236	<sup>4</sup> 24,606	<sup>5</sup> 32,459
Value.....	(D)	<sup>4</sup> 388	1,902	3,573	4,480	<sup>4</sup> 5,355	<sup>4</sup> 5,319	<sup>5</sup> 5,423
Penicillin salts: <sup>6</sup>								
Production.....	12	429	455	859	1,738	1,662	2,134	2,456
Sales.....	12	350	445	677	1,269	1,283	1,730	1,463
Value.....	46,462	93,052	43,980	57,391	66,504	71,690	86,048	16,444
Piperazine and derivatives:								
Production.....	(D)	(D)	459	<sup>7</sup> 975	4,712	5,157	<sup>8</sup> 6,950	<sup>8</sup> 6,513
Sales.....	(D)	(D)	568	1,204	3,727	3,546	<sup>8</sup> 4,774	<sup>8</sup> 4,455
Value.....	(D)	(D)	1,331	1,572	3,925	3,255	<sup>8</sup> 3,831	<sup>8</sup> 3,507
Salicylic acid:								
Production.....	5,412	5,616	7,768	9,282	10,574	12,055	13,127	11,021
Sales.....	3,654	4,569	5,227	7,882	8,723	10,525	10,587	7,846
Value.....	1,021	1,440	1,923	3,086	3,467	4,105	4,143	2,701
Streptomycin: <sup>6</sup>								
Production.....	-	46	154	605	833	1,094	619	470
Sales.....	-	44	99	329	709	870	572	389
Value.....	-	7,131	5,127	7,515	9,498	9,340	7,543	3,539
Sulfa drugs:								
Production.....	5,888	4,967	2,767	5,080	4,257	4,639	4,964	4,728
Sales.....	5,672	3,704	(D)	(D)	(D)	(D)	1,476	1,343
Value.....	20,314	20,933	(D)	(D)	(D)	(D)	6,783	6,265
Tranquilizers:								
Production.....	-	-	(D)	1,164	1,336	1,277	<sup>9</sup> 1,573	1,548
Sales.....	-	-	(D)	988	1,122	961	<sup>9</sup> 1,064	1,361
Value.....	-	-	(D)	4,035	3,552	3,199	<sup>9</sup> 7,963	5,237
Vitamins: <sup>10</sup>								
Production.....	2,945	3,455	6,139	11,063	12,355	14,874	14,105	16,297
Sales.....	2,516	2,981	5,131	7,995	9,280	10,519	10,629	12,028
Value.....	48,933	58,714	82,811	68,684	67,964	64,474	60,578	65,366

- Represents zero.

D Withheld to avoid disclosing figures for individual producers.

<sup>1</sup> Excludes alicyclic and heterocyclic compounds for 1960; excludes methionine for 1964 and 1965.

<sup>2</sup> Excludes benzenoid compounds.

<sup>3</sup> Excludes small amounts of benzenoid barbiturates.

<sup>4</sup> Includes most, but not all, choline salts. <sup>5</sup> Choline chloride only.

<sup>6</sup> For human or veterinary use only through 1960. Sales include both diluted and undiluted forms through 1964; dosage-form products for 1965.

<sup>7</sup> Excludes derivatives. <sup>8</sup> Excludes derivatives other than salts.

<sup>9</sup> Includes benzenoid skeletal muscle relaxants; excludes small amounts of nonbenzenoid tranquilizers.

<sup>10</sup> Excludes K vitamins through 1960.

Source: U.S. Tariff Commission; *Synthetic Organic Chemicals, U.S. Production and Sales*.



**No. 108. DAYS OF DISABILITY, BY ACUTE CONDITION GROUP: 1966**

[For year ending June 30. Data refer to civilian noninstitutional population and contain some duplications, since time lost because of several concurrent conditions is counted under each contributing condition. Based on a sample and subject to sampling variability; see source for detailed explanation]

ACUTE CONDITION GROUP <sup>1</sup>	CASES		TOTAL DISABILITY DAYS				DAYS PER 100 PERSONS			
	Number (millions)	Per 100 persons	Restricted activity <sup>2</sup>	Bed disability <sup>3</sup>	Work loss <sup>4</sup>	School loss <sup>5</sup>	Restricted activity <sup>2</sup>	Bed disability <sup>3</sup>	Work loss <sup>4</sup>	School loss <sup>5</sup>
Infective and parasitic ..	47.9	25.1	197.5	103.5	21.0	43.4	103.5	54.3	28.7	102.1
Respiratory .....	240.1	125.9	750.4	374.3	120.0	122.4	393.5	196.3	164.1	288.3
Digestive .....	19.9	10.4	68.1	37.4	12.4	5.0	35.7	19.6	16.9	11.8
Injuries .....	48.4	25.4	322.9	89.7	88.6	10.5	169.3	47.0	121.2	24.7
All other .....	48.1	25.2	224.0	92.4	28.8	15.2	117.4	48.4	39.4	25.9

<sup>1</sup> Excludes all conditions involving neither restricted activity nor medical attention.

<sup>2</sup> A day when a person cut down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days.

<sup>3</sup> A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.

<sup>4</sup> A day when a person lost the entire work day because of illness or injury. Computed for persons 17 years of age and over who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.

<sup>5</sup> A day when a child lost the entire school day because of illness or injury. Computed for children 6 to 16 years of age.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 10-No. 37.

**No. 109. DAYS OF DISABILITY, BY TIME LOSS, SEX, AND REGION: 1966**

[For year ending June 30. Data refer to civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation]

TIME LOSS	TOTAL DISABILITY DAYS (millions)				DAYS PER PERSON					
	Both sexes	Male	Female	Total	Sex		Region			
					Male	Female	North-east	North Central	South	West
Restricted-activity days <sup>1</sup> ..	2,968.7	1,330.1	1,638.6	15.6	14.4	16.7	13.4	14.6	16.9	18.1
Bed-disability days <sup>1</sup> .....	1,197.8	505.5	692.3	6.3	5.5	7.0	5.5	6.0	6.7	7.2
Work-loss days <sup>1</sup> .....	424.9	281.0	143.9	5.8	5.9	5.6	5.1	5.7	6.4	6.0
School-loss days <sup>1</sup> .....	220.2	110.6	109.6	5.2	5.1	5.3	5.6	4.6	4.9	6.0

<sup>1</sup> For definition of terms, see footnotes 2-5, table 108.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 10-No. 37, and unpublished data.

**No. 110. MEASURES OF DISABILITY AND HEALTH CONDITIONS, BY AGE GROUPS: 1965 AND 1966**

[Rate per 100 persons per year. For years ending June 30. Based on a sample and subject to sampling variability; see source for detailed explanation]

SUBJECT	1965			1966		
	All ages	Persons under 65	Persons 65 and over	All ages	Persons under 65	Persons 65 and over
Restricted activity days <sup>1</sup> .....	1,638	1,414	3,853	1,557	1,370	3,391
Bed-disability days <sup>1</sup> .....	616	534	1,423	628	562	1,274
Days for patients discharged from short-stay hospitals .....	108	95	242	103	90	225
Incidence of acute conditions <sup>2</sup> .....	213	221	133	212	221	127
Persons with one or more chronic conditions .....	46	43	83	49	45	85
Persons with activity limited by chronic conditions .....	12	8	49	11	8	45
Persons injured <sup>2</sup> .....	29	30	19	24	25	15

NA Not available. <sup>1</sup> For definition of terms, see footnotes 2 and 3, table 108.

<sup>2</sup> Excludes all conditions or injuries involving neither restricted activity nor medical attention.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, and unpublished data.

### No. 111. ACUTE CONDITIONS—NUMBER AND RATE, BY TYPE AND BY AGE GROUP: 1966

[For year ending June 30. Data refer to civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity]

CONDITION GROUP	All ages	Under 5 years	5 to 14 years	15 to 24 years	25 to 44 years	45 to 64 years	65 and over
NUMBER OF CONDITIONS (1,000)							
<b>Total</b> .....	<b>404,350</b>	<b>73,006</b>	<b>107,840</b>	<b>61,588</b>	<b>86,046</b>	<b>53,529</b>	<b>22,340</b>
Infective and parasitic diseases.....	47,909	12,049	18,120	4,921	8,510	3,128	1,181
Upper respiratory conditions.....	147,028	33,740	40,377	21,104	25,469	18,038	8,299
Other respiratory conditions.....	93,041	11,449	25,025	14,229	22,373	15,214	4,751
Digestive system conditions.....	19,912	3,328	3,949	3,489	4,829	2,684	1,632
Fractures, dislocations, sprains, and strains.....	14,249	308	1,891	3,764	4,315	3,020	952
Open wounds and lacerations.....	14,439	2,070	4,418	2,534	3,757	1,392	268
Contusions and other current injuries.....	19,669	2,750	4,005	3,942	3,978	3,190	1,803
All other acute conditions.....	48,103	7,311	10,054	7,605	12,815	6,863	3,455
RATE PER 100 POPULATION							
<b>Total</b> .....	<b>212.0</b>	<b>361.2</b>	<b>271.9</b>	<b>209.7</b>	<b>190.4</b>	<b>138.3</b>	<b>127.1</b>
Infective and parasitic diseases.....	25.1	59.6	45.7	16.8	18.8	8.1	6.7
Upper respiratory conditions.....	77.1	166.9	101.8	71.9	56.4	46.6	47.2
Other respiratory conditions.....	48.8	56.7	63.1	48.5	49.5	39.3	27.0
Digestive system conditions.....	10.4	16.5	10.0	11.9	10.7	6.9	9.3
Fractures, dislocations, sprains, and strains.....	7.5	1.5	4.8	12.8	9.5	7.8	5.4
Open wounds and lacerations.....	7.6	10.2	11.1	8.6	8.3	3.6	1.5
Contusions and other current injuries.....	10.4	13.6	10.1	13.4	8.9	8.2	10.3
All other acute conditions.....	25.2	36.2	25.4	25.9	28.4	17.7	19.7

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 10-No. 37, and unpublished data.

### No. 112. HEART DISEASE IN ADULTS—NUMBER AND PERCENT, BY DIAGNOSIS AND SEX: 1960-62

[Excludes Alaska and Hawaii. Data are annual averages based on direct examination from October 1959 to December 1962. Refers to civilian noninstitutional population aged 18 to 79 years. Contains some duplications, since a large number of persons with heart disease had more than one manifestation of the disease. Based on a sample and subject to sampling variability; see source for detailed explanation]

ITEM	NUMBER OF ADULTS (1,000)				PERCENT OF ALL ADULTS			
	Total	Hypertensive	Coronary	Other	Total	Hypertensive	Coronary	Other
DEFINITE								
<b>Total</b> .....	<b>14,621</b>	<b>10,499</b>	<b>3,125</b>	<b>1,953</b>	<b>13.2</b>	<b>9.5</b>	<b>2.8</b>	<b>1.7</b>
Male.....	6,652	4,050	1,945	987	12.6	7.7	3.7	1.9
Female.....	7,970	6,449	1,180	967	13.7	11.1	2.0	1.6
SUSPECT								
<b>Total</b> .....	<b>12,979</b>	<b>4,759</b>	<b>2,410</b>	<b>7,330</b>	<b>11.7</b>	<b>4.3</b>	<b>2.2</b>	<b>6.6</b>
Male.....	7,315	2,716	1,136	4,122	13.9	5.1	2.2	7.8
Female.....	5,663	2,043	1,274	3,208	9.7	3.5	2.2	5.5

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 11-No. 6.

### No. 113. PERSONS REQUIRING HOME CARE AND PERSONS WITH SPECIFIED TYPE OF SPECIAL AID, BY AGE GROUPS: 1959

[For year ending June 30. Excludes Alaska and Hawaii. Data refer to civilian noninstitutional population. Based on a sample and subject to sampling variability; see source for detailed explanation]

SUBJECT	NUMBER (1,000)			RATE PER 1,000 POPULATION		
	All ages	Under 65 years	65 and over	All ages	Under 65 years	65 and over
<b>Persons requiring home care</b> .....	<b>1,128</b>	<b>470</b>	<b>658</b>	<b>6.6</b>	<b>3.0</b>	<b>44.4</b>
Constant.....	650	282	368	3.8	1.8	24.8
Part-time.....	478	188	290	2.8	1.2	19.6
<b>Persons with special aids:</b>						
Hearing aid.....	1,161	514	648	6.8	3.3	43.7
Artificial arm or leg.....	139	115	25	0.8	0.7	1.7
Brace.....	695	633	62	4.1	4.0	4.2
Wheel chair.....	253	99	154	1.5	0.6	10.4

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Health Statistics*, Series B-No. 28.

**No. 114. ARTHRITIS IN ADULTS—NUMBER AND RATE, BY SEX AND BY AGE GROUPS: 1960-62**

[Excludes Alaska and Hawaii. Data are annual averages based on direct examination from October 1959 to December 1962. Refers to civilian noninstitutional population aged 18 to 79 years. Based on a sample and subject to sampling variability; see source for detailed explanation]

ITEM	Total, 18 to 79 years	18 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 to 79 years
<b>RHEUMATOID ARTHRITIS</b>								
Number of adults-----1,000--	3,591	39	71	314	613	988	1,026	540
Male-----1,000--	895	16	—	61	149	315	152	202
Female-----1,000--	2,696	23	71	253	464	673	874	338
Rate per 100 adults-----	3.2	0.3	0.3	1.3	3.0	6.3	9.2	18.8
Male-----	1.7	0.2	—	0.5	1.5	4.2	3.1	14.1
Female-----	4.6	0.3	0.6	2.1	4.4	8.3	14.1	23.5
<b>OSTEOARTHRITIS</b>								
Number of adults-----1,000--	40,481	646	2,093	5,842	9,590	10,848	9,013	2,449
Male-----1,000--	19,721	512	1,400	3,426	4,712	4,747	3,770	1,154
Female-----1,000--	20,760	134	693	2,416	4,878	6,101	5,243	1,295
Rate per 100 adults-----	37.4	6.2	11.1	26.0	46.3	69.7	80.7	85.4
Male-----	37.4	7.2	13.6	30.2	47.0	63.2	75.8	80.9
Female-----	37.3	1.6	6.2	19.6	46.3	75.2	84.7	89.8

— Represents zero.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 11—Nos. 15 and 17.

**No. 115. HYPERTENSION IN ADULTS—NUMBER AND PERCENT, BY SEX AND BY AGE GROUPS: 1960-62**

[Excludes Alaska and Hawaii. Data are annual averages based on direct examination from October 1959 to December 1962. Refers to civilian noninstitutional population aged 18 to 79 years. Based on a sample and subject to sampling variability; see source for detailed explanation]

ITEM	Total, 18 to 79 years	18 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 to 79 years
<b>DEFINITE HYPERTENSION</b>								
Number of adults-----1,000--	17,008	219	840	2,578	3,754	4,207	4,297	1,114
Male-----1,000--	7,462	121	489	1,535	1,833	1,674	1,347	463
Female-----1,000--	9,547	98	352	1,044	1,921	2,532	2,949	651
Percent of adults-----	15.3	1.4	3.9	10.9	18.2	26.9	38.5	38.8
Male-----	14.1	1.7	4.8	13.5	18.3	22.3	27.1	32.4
Female-----	16.4	1.2	3.1	8.5	18.2	31.2	47.6	45.1
<b>BORDERLINE HYPERTENSION</b>								
Number of adults-----1,000--	16,182	894	1,592	2,720	3,393	4,054	2,739	789
Male-----1,000--	9,076	779	1,228	1,615	1,777	2,064	1,233	381
Female-----1,000--	7,106	116	364	1,106	1,616	1,990	1,507	408
Percent of adults-----	14.6	5.7	7.4	11.5	16.5	25.9	24.5	27.5
Male-----	17.2	10.9	11.9	14.2	17.7	27.5	24.8	26.7
Female-----	12.2	1.4	3.2	9.0	15.3	24.5	24.3	28.3

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 11—No. 13.



## No. 116. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1945 TO 1965

[Prior to 1960, excludes Alaska and Hawaii, except as noted. Figures should be interpreted with caution. Reporting of some of these diseases is known to be incomplete. The figures, however, are of value in indicating trends of disease incidence. See *Historical Statistics, Colonial Times to 1957*, series B 275-281, for rates for selected diseases]

DISEASE	1945	1950	1955	1960	1962	1963	1964	1965
Amebiasis.....	3,412	4,568	3,348	3,424	3,048	2,886	3,304	2,768
Aseptic meningitis.....	(NA)	(NA)	(NA)	1,593	2,654	1,844	2,177	2,329
Botulism.....	(NA)	20	16	12	10	47	23	19
Brucellosis (undulant fever).....	5,049	3,510	1,444	751	409	407	411	262
Diphtheria.....	18,675	5,796	1,984	918	444	314	293	164
Encephalitis:								
Primary infectious.....	785	1,135	2,166	2,341	2,094	1,993	2,002	1,722
Post-infectious.....							1,585	981
Hepatitis, infectious and serum.....	(NA)	2,820	31,961	41,666	53,016	42,974	37,740	33,856
Leprosy.....	40	44	75	54	80	103	97	96
Leptospirosis.....	(NA)	(NA)	24	53	79	89	142	84
Malaria.....	62,763	2,184	522	72	118	99	93	147
Measles.....	146,013	319,124	555,156	441,703	481,530	385,156	458,083	261,904
Meningococcal infections.....	8,208	3,788	3,455	2,259	2,150	2,470	2,826	3,040
Pertussis (whooping cough).....	133,792	120,718	62,786	14,809	17,749	17,135	13,005	6,799
Polio myelitis, acute.....	13,624	33,300	28,985	3,190	910	449	122	72
Psittacosis.....	27	26	334	113	79	76	53	60
Rabies in animals <sup>1</sup> .....	9,928	7,901	5,799	3,567	3,732	3,929	4,780	4,574
Rheumatic fever, acute.....	(NA)	(NA)	(NA)	9,022	<sup>2</sup> 7,977	<sup>2</sup> 7,561	<sup>2</sup> 7,491	<sup>2</sup> 4,998
Salmonellosis, excl. typhoid fever.....	649	1,233	5,447	6,929	9,680	15,390	17,144	17,161
Shigellosis (bacillary dysentery).....	34,943	23,367	13,912	12,487	12,443	13,009	12,984	11,027
Streptococcal sore throat and scarlet fever.....	185,570	64,494	147,502	315,173	315,809	342,161	402,334	395,168
Tetanus.....	(NA)	486	462	368	322	325	289	300
Trichinosis.....	(NA)	327	264	160	194	208	198	199
Tuberculosis (newly reported active cases) <sup>3</sup> .....	(NA)	(NA)	76,245	55,494	53,788	54,062	50,874	<sup>4</sup> 49,000
Tularemia.....	900	927	584	390	328	327	342	264
Typhoid fever.....	4,211	2,484	1,704	816	608	566	501	454
Typhus fever:								
Flea-borne (endemic-murine).....	5,193	685	135	68	32	35	30	28
Tick-borne (Rocky Mountain spotted fever).....	472	464	295	204	240	216	277	281
Venereal diseases (civilian cases):								
Gonorrhea.....	313,363	286,746	236,197	258,933	263,708	278,289	300,667	324,925
Syphilis.....	351,767	217,558	122,392	122,003	126,245	124,137	114,314	112,842
Other.....	10,261	8,187	3,913	2,811	2,141	1,979	2,115	2,015

NA Not available.

<sup>1</sup> For 1945 and 1950, figures from Economic Research Service, Dept. of Agriculture.

<sup>2</sup> Based on reports from 39 States for 1962, 38 States for 1963, 39 States for 1964, and 36 States for 1965.

<sup>3</sup> Includes Alaska and Hawaii for all years. <sup>4</sup> Provisional.

Source: Dept. of Health, Education, and Welfare, Public Health Service, Communicable Disease Center, Atlanta, Ga.; *Vital Statistics—Special Reports*, Vol. 37, No. 9, and *Morbidity and Mortality Weekly Report* (annual supplement), Vol. 14, No. 53.

## No. 117. PERSONS INJURED—CLASS OF ACCIDENT AND SEX: 1966

[For year ending June 30. Data refer to civilian noninstitutional population. Excludes all conditions involving neither restricted activity nor medical attention. Sum of estimates may be greater than total because the classes of accidents are not mutually exclusive. Based on a sample and subject to sampling variability; see source for explanation]

CLASS OF ACCIDENT	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Both sexes	Male	Female	Both sexes	Male	Female
All classes.....	45.1	26.8	18.4	23.7	29.0	18.7
While at work.....	9.4	8.0	1.4	4.9	8.6	1.4
Home.....	18.2	8.5	9.7	9.5	9.2	9.8
Other (incl. motor vehicle).....	19.9	12.1	7.8	10.4	13.1	8.0

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 10-No. 37.

# No. 118. PERSONS INJURED AND RATE PER YEAR, BY TYPE OF ACCIDENT AND SEX: 1959-61

[Annual average for July 1959-June 1961. Data based on household interviews conducted by the National Health Survey and covering a sample of the civilian noninstitutional population. Includes only persons with injuries involving 1 or more days of restricted activity or medical attention. For definitions and methodology, see source]

TYPE OF ACCIDENT	PERSONS INJURED (1,000)			RATE PER 1,000 POPULATION		
	Both sexes	Male	Fe- male	Both sexes	Male	Fe- male
<b>Total</b> -----	44,995	25,835	19,160	255.2	301.2	211.7
<b>Moving motor vehicle</b> -----	2,890	1,613	1,276	16.4	18.8	14.1
<b>Other</b> -----	42,105	24,222	17,883	238.8	282.4	197.5
Uncontrolled fire, explosion, or discharge of a firearm-----	380	308	(S)	2.2	3.6	(S)
Nonmotor vehicle, in motion-----	880	564	316	5.0	6.6	3.5
Machinery, in operation-----	1,309	1,088	220	7.4	12.7	2.4
Cutting or piercing instrument-----	2,688	1,782	906	15.2	20.8	10.0
Foreign body in eye, windpipe, or other orifice-----	1,184	845	339	6.7	9.9	3.7
Injury caused by animal or insect-----	1,838	1,093	745	10.4	12.7	8.2
Falls on stairs, steps, or from a height-----	4,305	1,954	2,350	24.4	22.8	26.0
All other falls-----	7,762	3,619	4,143	44.0	42.2	45.8
Bumped into object or person-----	3,482	2,358	1,125	19.8	27.5	12.4
Struck by moving object-----	4,108	2,971	1,138	23.3	34.6	12.6
Handled or stepped on rough objects-----	2,515	1,234	1,280	14.3	14.4	14.1
Caught in, pinched, or crushed between two objects-----	1,883	941	941	10.7	11.0	10.4
Came in contact with hot object or open flame-----	1,331	607	725	7.5	7.1	8.0
One-time lifting or exertion-----	2,207	1,461	746	12.5	17.0	8.2
Twisted or stumbled-----	1,794	1,045	749	10.2	12.2	8.3
Therapeutic misadventure-----	1,368	743	625	7.8	8.7	6.9
All other types of accidents-----	3,072	1,609	1,463	17.4	18.8	16.2

S Does not meet publication standards because of magnitude of sampling error.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Health Statistics*, Series B-No. 37.

# No. 119. NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY: 1940 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. Computed on basis of estimates of apparent civilian consumption (retail basis) including consumption from home gardens. No deductions have been made in nutrient estimates for loss or waste in home or for destruction or loss of nutrients during preparation of food. Deductions have been made for inedible refuse. Data include quantities of iron, thiamine, riboflavin, and niacin added to flour and cereal products; quantities of vitamin A value added to margarine and milk of all types; quantities of ascorbic acid added to fruit juices and drinks. See also *Historical Statistics, Colonial Times to 1957*, series G 546-551]

NUTRIENT	Unit	1940	1950	1960	1962	1963	1964	1965	1966 (prel.)
Food energy-----	Calories-----	3,350	3,260	3,140	3,120	3,150	3,190	3,160	3,160
Protein-----	Grams-----	93	94	95	94	96	97	96	97
Fat-----	Grams-----	143	145	143	142	145	148	145	145
Carbohydrate-----	Grams-----	429	402	375	373	371	374	374	375
Calcium-----	Grams-----	0.92	0.99	0.97	0.96	0.96	0.97	0.96	0.96
Phosphorus-----	Grams-----	1.50	1.53	1.51	1.49	1.51	1.52	1.50	1.51
Iron-----	Milligrams-----	14.2	16.5	16.3	16.3	16.5	16.7	16.5	16.6
Vitamin A value-----	International units-----	8,500	8,400	8,000	7,800	7,900	7,700	7,800	7,700
Thiamine-----	Milligrams-----	1.55	1.90	1.85	1.83	1.84	1.84	1.80	1.80
Riboflavin-----	Milligrams-----	1.90	2.29	2.27	2.25	2.26	2.28	2.26	2.26
Niacin-----	Milligrams-----	17.8	20.2	20.9	21.0	21.4	21.6	21.4	21.6
Ascorbic acid-----	Milligrams-----	115	105	108	107	102	100	102	103

Source: Dept. of Agriculture, Economic Research Service. Published annually in *National Food Situation*.

**No. 120. CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES:  
1940 TO 1966**

[In pounds, except as noted. Data on calendar year basis except as follows: Dried fruit, pack year; fresh citrus fruits and rice, crop year beginning previous year; peanuts, crop year beginning September of year indicated, and, prior to 1950, canned fruits on a pack year. Prior to 1960, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. See also *Historical Statistics, Colonial Times to 1957*, series G 552-565, G 571-580, G 583, and G 584]

COMMODITY	1940	1950	1960	1962	1963	1964	1965	1966 (prel.)
<b>Meats (carcass weight) -----</b>	<b>142.4</b>	<b>144.6</b>	<b>160.8</b>	<b>163.1</b>	<b>169.5</b>	<b>174.5</b>	<b>166.9</b>	<b>168.2</b>
Beef -----	54.9	63.4	85.0	88.8	94.3	99.7	99.3	102.2
Veal -----	7.4	8.0	6.1	5.5	4.9	5.2	5.2	4.7
Lamb and mutton -----	6.6	4.0	4.8	5.2	4.9	4.2	3.7	4.0
Pork (excluding lard) -----	73.5	69.2	64.9	63.6	65.4	65.4	58.7	57.3
<b>Fish (edible weight) -----</b>	<b>11.0</b>	<b>11.8</b>	<b>10.3</b>	<b>10.6</b>	<b>10.7</b>	<b>10.5</b>	<b>11.0</b>	<b>10.8</b>
Fresh and frozen -----	5.7	6.3	5.7	5.8	5.8	5.9	6.1	6.1
Canned <sup>1</sup> -----	4.6	4.9	4.0	4.3	4.4	4.1	4.4	4.2
Cured -----	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5
<b>Poultry products:</b>								
Eggs, farm basis (number) -----	319	389	335	324	316	313	308	301
Chicken (ready-to-cook) -----	14.1	20.6	28.1	30.0	30.8	31.2	33.3	35.7
Turkey (ready-to-cook) -----	2.9	4.1	6.2	7.0	6.7	7.2	7.4	7.9
<b>Dairy products:</b>								
Total milk fat solids -----	32.5	29.4	24.5	23.8	23.3	23.3	23.0	22.4
Total nonfat milk solids -----	38.1	43.7	43.2	42.4	41.6	41.6	41.1	41.0
Cheese -----	6.0	7.7	8.3	9.2	9.2	9.4	9.5	10.0
Condensed and evaporated milk -----	19.3	20.1	13.7	12.5	11.6	11.3	10.6	10.2
Fluid milk and cream -----	331	349	322	308	307	305	302	300
Ice cream (product weight) -----	11.4	17.2	18.3	17.9	18.0	18.2	18.5	18.5
<b>Fats and oils, total, fat content -----</b>	<b>46.4</b>	<b>45.9</b>	<b>45.2</b>	<b>45.7</b>	<b>46.3</b>	<b>47.5</b>	<b>47.7</b>	<b>48.6</b>
Butter (actual weight) -----	17.0	10.7	7.5	7.3	6.8	6.8	6.4	5.8
Margarine (actual weight) -----	2.4	6.1	9.4	9.3	9.6	9.7	9.9	10.7
Lard -----	14.4	12.6	7.6	7.2	6.4	6.3	6.4	5.8
Shortening -----	9.0	11.0	12.6	13.4	13.5	13.7	13.9	15.0
Other edible fats and oils -----	7.4	8.6	11.5	11.7	13.1	14.1	14.2	14.4
<b>Fruits:</b>								
Fresh, total (farm weight) -----	139.1	108.6	94.5	84.9	76.1	81.8	83.6	84.5
Citrus -----	56.7	41.3	33.1	28.9	22.1	26.1	29.0	29.1
Apples (commercial) -----	29.7	22.7	20.1	19.4	18.4	20.1	18.4	18.1
Other (excluding melons) -----	52.7	44.6	41.3	36.6	35.6	35.6	36.2	37.3
Processed:								
Canned fruit -----	19.1	22.0	22.8	22.9	23.1	23.3	23.6	23.7
Canned juices (excl. frozen) -----	7.2	13.4	12.9	11.6	12.9	11.4	10.9	11.7
Frozen (incl. juices) -----	1.3	4.3	9.1	9.7	8.0	7.4	8.5	8.3
Dried -----	6.0	4.1	3.1	3.0	3.0	3.0	2.8	3.1
<b>Vegetables:</b>								
Fresh <sup>2</sup> -----	116.9	115.2	105.8	102.8	103.2	100.8	100.4	97.7
Canned (excl. potatoes and sweet potatoes) -----	34.2	41.2	43.0	44.4	45.0	44.5	45.5	45.0
Frozen (excluding potatoes) -----	0.6	3.2	7.1	7.7	7.4	8.0	8.5	8.7
<b>Potatoes and sweet potatoes:</b>								
Potatoes (fresh equivalent) <sup>3</sup> -----	123	106	108	108	112	110	108	116
Frozen potatoes (product weight) -----	(NA)	0.1	2.7	3.9	4.5	5.8	5.7	6.3
Sweet potatoes (fresh equivalent) <sup>3</sup> -----	16.4	12.9	7.3	7.7	7.4	6.4	7.7	7.1
Dry edible beans -----	8.4	8.6	7.3	7.7	7.7	7.6	6.4	7.0
Melons -----	26.5	24.8	25.6	23.2	24.7	23.2	23.9	21.9
Sugar (refined) -----	95.7	100.6	97.6	97.2	96.6	96.5	96.5	97.1
<b>Grains:</b>								
Corn products:								
Cornmeal and other <sup>4</sup> -----	26.7	17.8	14.3	14.4	14.5	14.4	14.3	14.2
Corn sirup and sugar -----	10.8	13.7	13.9	15.4	16.8	18.0	18.1	18.4
Oat food products -----	4.0	3.3	3.6	3.7	3.7	3.7	3.7	3.7
Barley food products <sup>5</sup> -----	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.1
Wheat:								
Flour <sup>6</sup> -----	155	135	118	115	116	116	116	116
Breakfast cereals -----	3.3	3.1	2.8	2.9	2.9	2.9	2.9	2.9
Rye, flour -----	2.4	1.5	1.2	1.1	1.1	1.1	1.1	1.1
Rice, milled -----	5.9	5.1	6.1	7.4	6.6	7.0	7.6	7.2
<b>Other:</b>								
Coffee (green beans) -----	15.5	16.1	15.8	15.9	15.7	15.3	14.8	14.8
Tea -----	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7
Cocoa beans -----	4.6	4.4	3.6	3.8	3.9	3.9	4.0	4.1
Peanuts (shelled) -----	5.0	4.5	4.9	4.9	5.0	5.3	5.6	5.8

NA Not available.

<sup>1</sup> Excludes canned food products containing small quantities of fish, such as chowder.

<sup>2</sup> Excludes produce from home gardens. <sup>3</sup> Includes quantities canned and frozen.

<sup>4</sup> Includes cornstarch, corn cereal, and hominy. <sup>5</sup> In terms of malt equivalent.

<sup>6</sup> Comprises white, whole wheat, and semolina flour.

Source: Dept. of Agriculture, Economic Research Service. Published quarterly in *National Food Situation*.



**No. 121. WEIGHT RANGE OF MEN AND WOMEN, BY AGE AND HEIGHT: 1960-62**

[Height without shoes; weight, in pounds, partially clothed. Clothing weight estimated at 2 lb. Values shown represent range of weights within which 50 percent of the population of a given height would fall. Approximately 25 percent would weigh less and 25 percent more than these values. Based on a nationwide sample of persons 18 to 79 years of age selected for the Health Examination Survey conducted Oct. 1959-Dec. 1962]

HEIGHT (feet and inches)	WEIGHT, BY AGE GROUPS						
	18 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 to 79 years
<b>MEN</b>							
5'2"-----	120-154	121-161	131-167	130-167	128-168	125-163	116-151
5'3"-----	123-157	126-165	134-170	134-171	131-171	128-167	121-156
5'4"-----	127-161	130-170	138-174	138-175	135-175	132-170	126-161
5'5"-----	130-164	135-174	142-178	142-179	138-178	135-174	131-166
5'6"-----	134-168	139-178	146-182	146-183	142-182	138-177	136-171
5'7"-----	137-171	144-183	150-186	150-187	146-186	142-180	142-176
5'8"-----	141-175	148-187	153-189	154-191	149-189	145-184	146-181
5'9"-----	144-178	153-192	157-193	158-195	153-193	149-187	151-186
5'10"-----	148-182	157-196	161-197	162-199	156-196	152-191	156-191
5'11"-----	151-185	162-201	164-200	166-203	160-200	156-194	162-196
6'-----	155-189	166-205	168-204	170-207	163-204	159-198	167-201
6'1"-----	158-192	170-210	172-208	174-211	167-207	162-201	172-206
6'2"-----	162-196	175-214	176-212	178-215	171-211	166-204	177-212
<b>WOMEN</b>							
4'9"-----	98-133	90-133	109-153	107-151	116-160	112-151	106-145
4'10"-----	100-135	94-137	111-156	110-154	119-163	116-154	109-149
4'11"-----	103-138	98-141	114-158	114-158	122-166	119-158	113-152
5'-----	105-140	102-145	116-160	118-161	125-169	123-161	116-156
5'1"-----	107-142	106-149	118-162	121-165	128-171	126-164	120-159
5'2"-----	110-144	110-153	120-165	125-169	131-174	130-168	123-163
5'3"-----	112-146	114-157	123-167	128-172	134-177	133-171	126-166
5'4"-----	114-149	118-161	125-169	132-176	136-180	137-175	130-170
5'5"-----	116-151	122-165	127-172	136-179	139-183	140-178	133-173
5'6"-----	118-153	126-169	129-174	139-183	142-186	144-182	137-176
5'7"-----	121-155	130-173	132-176	143-187	145-189	147-185	140-180
5'8"-----	123-158	134-177	134-178	146-190	148-191	150-189	144-183

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Vital and Health Statistics*, Series 11-No. 14.

**No. 122. FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION, INDEMNITY PLAN, AND SPECIAL MILK PROGRAM: 1940 TO 1966**

[For years ending June 30. Participation data for peak month. Includes Puerto Rico, Guam, and Virgin Islands for all years, and, beginning 1964, American Samoa]

YEAR	DIRECT DISTRIBUTION						INDEMNITY PLAN <sup>2</sup> (school-lunch program)		SPECIAL MILK PROGRAM <sup>3</sup>	
	Institutions and welfare cases			School-lunch programs						
	Persons participating	Quantity	Cost <sup>1</sup>	Children participating	Quantity	Cost <sup>1</sup>	Children participating	Cost	Quantity reimbursed	Cost
	1,000	Mil. lb.	\$1,000	1,000	Mil. lb.	\$1,000	1,000	\$1,000	Mil. ½ pt.	\$1,000
1940-----	11,910	1,695	57,674	2,496	93	3,962	7	1	(X)	(X)
1945-----	945	106	7,043	3,938	94	5,796	4,630	41,613	(X)	(X)
1950-----	1,133	255	24,452	10,129	467	55,189	7,840	64,537	(X)	(X)
1955-----	4,624	297	97,359	10,213	298	83,136	10,972	69,142	450	17,150
1960-----	5,764	654	75,158	14,254	523	132,025	12,839	93,814	2,385	80,480
1964-----	7,479	1,322	234,611	17,811	785	194,930	16,004	120,810	2,929	99,250
1965-----	7,160	1,313	256,701	18,921	973	272,408	17,024	130,435	2,967	97,417
1966-----	6,075	1,000	151,029	20,390	788	174,856	18,040	139,090	3,059	96,522

X Not applicable.

<sup>1</sup> Represents cost to the Federal Government of the commodity as delivered to the State distributing agency; includes cost of purchase, handling, warehousing, and transportation, but excludes administrative costs.

<sup>2</sup> For 1940, represents School Milk Program, which was merged with indemnity plan in July 1943. See also headnote, table 123. Cost refers to subsidy payments by the Federal Government; excludes administrative costs.

<sup>3</sup> Initiated in September 1954 to increase the consumption of fluid milk in schools and child-care institutions authorized under the Agricultural Act of 1954, as amended.

Source: Dept. of Agriculture; annual report, *Agricultural Statistics*.

No. 123. SCHOOL LUNCH PROGRAM (INDEMNITY PLAN)—SCHOOLS AND CHILDREN PARTICIPATING, STATES AND OTHER AREAS: 1966

[Comprises elementary and secondary schools. The indemnity plan is a subsidy program to expand markets for agricultural products, maintain outlets for government-owned commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Federal Government for local purchases of food on a basis of quality and quantity of meals served]

STATE OR OTHER AREA	Num-ber of schools partic- ipat- ing <sup>1</sup>	ENROLLMENT			STATE OR OTHER AREA	Num-ber of schools partic- ipat- ing <sup>1</sup>	ENROLLMENT		
		Total <sup>2</sup> (1,000)	Participating				Total <sup>2</sup> (1,000)	Participating	
			Num- ber <sup>1</sup> (1,000)	Per- cent				Num- ber <sup>1</sup> (1,000)	Per- cent
Total.....	70,597	49,676	18,040	36.3	U.S.—Continued				
United States.....	68,418	48,943	17,722	36.2	Mont.....	491	190	58	30.6
Ala.....	1,428	865	449	51.9	Nebr.....	742	383	144	37.7
Alaska.....	127	62	24	38.2	Nev.....	112	110	19	17.1
Ariz.....	523	410	161	39.2	N.H.....	327	168	55	32.8
Ark.....	992	465	248	53.4	N.J.....	1,133	1,620	275	17.0
Calif.....	4,194	4,703	862	18.3	N. Mex.....	572	298	126	42.3
Colo.....	1,005	535	203	37.8	N.Y.....	4,175	4,141	1,284	31.0
Conn.....	713	701	182	26.0	N.C.....	1,914	1,204	745	61.9
Del.....	154	130	45	35.1	N. Dak.....	579	172	89	51.5
D.C.....	49	171	28	16.6	Ohio.....	2,586	2,712	820	30.2
Fla.....	1,666	1,320	694	52.6	Okla.....	1,534	607	241	39.7
Ga.....	1,844	1,084	686	63.3	Oreg.....	1,002	487	193	39.6
Hawaii.....	213	196	129	66.1	Pa.....	3,167	2,870	905	31.5
Idaho.....	501	184	81	44.0	R.I.....	194	214	37	17.5
Ill.....	3,527	2,687	624	23.2	S.C.....	1,194	655	402	61.4
Ind.....	1,785	1,274	572	44.9	S. Dak.....	332	192	68	35.3
Iowa.....	1,743	736	365	49.6	Tenn.....	1,805	907	493	54.4
Kans.....	1,025	565	235	41.7	Tex.....	3,326	2,686	836	31.1
Ky.....	1,729	766	468	61.0	Utah.....	485	293	140	47.9
La.....	1,614	963	647	67.2	Vt.....	319	104	37	35.5
Maine.....	648	262	94	36.0	Va.....	1,686	1,049	500	47.7
Md.....	1,009	915	275	30.1	Wash.....	1,443	787	261	33.3
Mass.....	1,438	1,311	455	34.7	W. Va.....	1,316	448	188	42.2
Mich.....	2,330	2,349	556	23.7	Wis.....	2,345	1,147	383	33.3
Minn.....	1,634	994	464	46.6	Wyo.....	208	91	35	38.8
Miss.....	993	606	346	57.2	P.R.....	2,107	690	298	43.3
Mo.....	2,547	1,154	495	42.9	Am. Samoa.....	6	8	2	24.4
					Guam.....	35	22	9	41.1
					V.I.....	31	13	9	73.3

<sup>1</sup> Data are for November 1965 and represent average number of children participating in program for that month. The number of schools and children may have been higher in some States during other months but November was the peak month in terms of children participating nationally.

<sup>2</sup> Source: Office of Education. Public and private schools are for fall 1965; private schools, estimated.

Source: Dept. of Agriculture, Consumer and Marketing Service; annual release, *National School Lunch Program* . . . , SL-2-66.

No. 124. SURPLUS FOOD DONATED TO NEEDY FAMILIES—COUNTIES PARTICIPATING, RECIPIENTS, QUANTITY, AND COST: 1950 TO 1966

[For years ending June 30. Participation data for peak month. Excludes Alaska and, prior to 1964, Hawaii]

YEAR	Counties partic-ipat-ing	Persons eligible	RECIPIENTS				COMMODITIES DONATED	
			Total	Public assist-ance	Other <sup>1</sup>	Percent of persons eligible	Quantity	Cost <sup>2</sup>
1950.....	(NA)	1,000 (NA)	1,000	1,000 (NA)	1,000 (NA)	(NA)	Mil. lb.	Mil. dol.
1955.....	587	3,562	3,291	733	2,558	92	45.8	6.0
1957.....	967	4,018	3,485	1,132	2,353	87	201.2	61.9
1958.....	1,069	5,391	4,665	2,092	2,573	87	489.8	77.9
1959.....	1,214	6,553	5,741	2,415	3,326	88	471.5	75.9
1960.....	1,182	5,415	4,309	2,043	2,266	80	706.8	107.0
1961.....	1,401	7,086	6,384	2,631	3,753	90	525.9	59.4
1962.....	1,531	8,195	7,455	3,141	4,314	91	855.5	140.0
1963.....	1,592	7,772	7,023	3,032	3,991	90	1,377.0	226.9
1964.....	1,607	6,808	6,137	2,861	3,276	90	1,246.0	204.4
1965.....	1,667	6,530	5,842	2,848	2,994	89	1,140.4	197.1
1966.....	1,635	5,423	4,782	2,466	2,316	88	1,140.5	226.9
							854.9	134.1

NA Not available.  
<sup>1</sup> Unemployed and low-income persons other than those on regular public assistance rolls.  
<sup>2</sup> Total cost to Federal Government including commodity cost, warehousing, processing, repackaging, miscellaneous handling charges, and transportation costs to designated carload receiving points within the various States.

Source: Dept. of Agriculture; annual report, *Agricultural Statistics*, and unpublished data.



### Section 3

## Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source of these data is the *Annual Report* of the Immigration and Naturalization Service. Immigration statistics are prepared from entry documents. Statistics for naturalizations are compiled from periodic reports by courts conducting such proceedings, and those for alien registrations are compiled from alien address report cards.

The continuous record of immigration into the United States began in 1819, under the Act of March 2. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Information on immigration and naturalization has been included in annual reports issued by the Office of Immigration from 1892 to 1932, the Secretary of Labor from 1933 to 1940, the Attorney General for 1941, and the Immigration and Naturalization Service since then.

**Immigration.**—Since 1820 the official immigration statistics (see table 126) have changed considerably in coverage. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904. Prior to 1868, arriving alien passengers were recorded; thereafter, aliens coming for temporary stay were omitted. The passage of the Act of 1891 increased the number of excludable classes. The basis of reporting was then changed from arrivals to admissions, omitting aliens not permitted to enter the United States, except for the period 1895–1897 when the reporting of arrivals was resumed.

**Immigrant.**—An immigrant is defined as an alien, other than a returning resident alien, admitted for permanent residence. Quotas limit immigration from countries other than those of the Western Hemisphere. Until 1920 there was only a qualitative limitation into this country. The 1921 Act placed the first numerical ceiling upon immigration. Each country's quota was to be 3 percent of the number of people born in that country who were residing in the United States as reported by the 1910 Census of Population. In 1924, a new formula was enacted for computing a country's quota, based on 2 percent of the number of people born in that country who were residing in the United States as determined by the 1890 Census of Population. The 1924 Act also provided that, beginning July 1, 1929, the quota of any country shall have the same ratio to 150,000 as the number of persons of that national origin living in the United States had to the total population living in the United States as determined from the 1920 Census of Population. This Act also established minimum quotas of 100 for all quota areas. The Immigration and Nationality Act of 1952 simplified the national origins formula of the 1924 Act by basing the annual quota on a flat one-sixth of 1 percent of the population in the 1920 Census. Quotas revised by Presidential proclamation now total 158,261.

**Act of 1965.**—Effective December 1, 1965, quotas established under the 1952 Act continue but are subject to a new preference system. Moreover, at the end of each fiscal year the numbers allocated to each country which are not used are transferred to an immigration pool and made available to preference immigrants who cannot obtain visas because the quota for their country is exhausted. The allocations from the pool and from existing numbers may not exceed 170,000.



Also effective December 1, 1965, the "quota immigrant" of the 1952 Act is called "immigrant" and the "nonquota immigrant" is called "immediate relative" or "special immigrant." Immediate relatives of United States citizens are parents (if the citizen is over age 21), spouses, and children under age 21. They are exempted from the numerical ceilings.

Special immigrants include returning resident aliens (although these are often classed as nonimmigrants for statistical purposes), certain former citizens, and certain other specified groups. The spouses and children under age 21 of the following groups are included if they are accompanying or following to join such immigrants: Western Hemisphere natives, retired employees of our government abroad, and ministers of religion. Special immigrants are also exempt from the numerical ceilings.

Effective July 1, 1968, a limit of 170,000 is set for immigrants who are natives of countries outside the Western Hemisphere, with a 20,000 maximum on natives of any one country. Selection is made on the basis of preferences favoring family reunification and persons with skills and talents needed here. Also effective then, unless Congress decides otherwise, is a ceiling of 120,000 on Western Hemisphere natives on a first-come first-served basis with no limitation on the number from any one country. "Immediate relatives" and "special immigrants" other than those in the latter category because of Western Hemisphere birth continue to be exempt from numerical ceilings.

**Nonimmigrant.**—Nonimmigrants are aliens who enter the United States for temporary periods. Included in the nonimmigrant class are foreign government officials, their families, attendants, servants, and employees; temporary visitors for business or pleasure; aliens in continuous transit through the United States; students; and others. Resident aliens returning from a temporary stay abroad are often classed as nonimmigrants, although they are legally special immigrants. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

**Displaced persons and refugees.**—The Displaced Persons Act of 1948 was the first of eight special acts passed between 1948 and 1960 that provided for the admission of refugees from Communist-dominated countries, victims of natural calamities, and orphan children without regard to the usual numerical ceilings.

**Status of Cubans.**—Effective November 2, 1966, Cubans admitted or paroled into the United States after January 1, 1959, and present in the United States for at least 2 years may obtain permanent resident status. A record of the alien's admission for permanent residence will be created as of 30 months prior to filing of an application or the date of his last arrival in the United States, whichever is later. Cuban immigrants who have been admitted for permanent residence may also have the date of admission adjusted to a date 30 months prior to the date of this Act.

**Alien registration.**—The Immigration and Nationality Act provides that each alien who is required to be registered under the Alien Registration Act of 1940, and who is in the United States on January 1, must report his current address to the Attorney General during the month of January. Alien address report cards are distributed through the post offices of the United States or the local offices of the Immigration and Naturalization Service.

**Naturalization.**—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national data were compiled. The Act of June 29, 1906, effective September 27, 1906, provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued. Naturalization statistics were originally compiled by the Bureau of Immigration and Naturalization of the Department of Commerce and Labor, now the Immigration and Naturalization Service of the Department of Justice.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. VII. IMMIGRANTS ADMITTED: 1950 TO 1966

[See table 136]

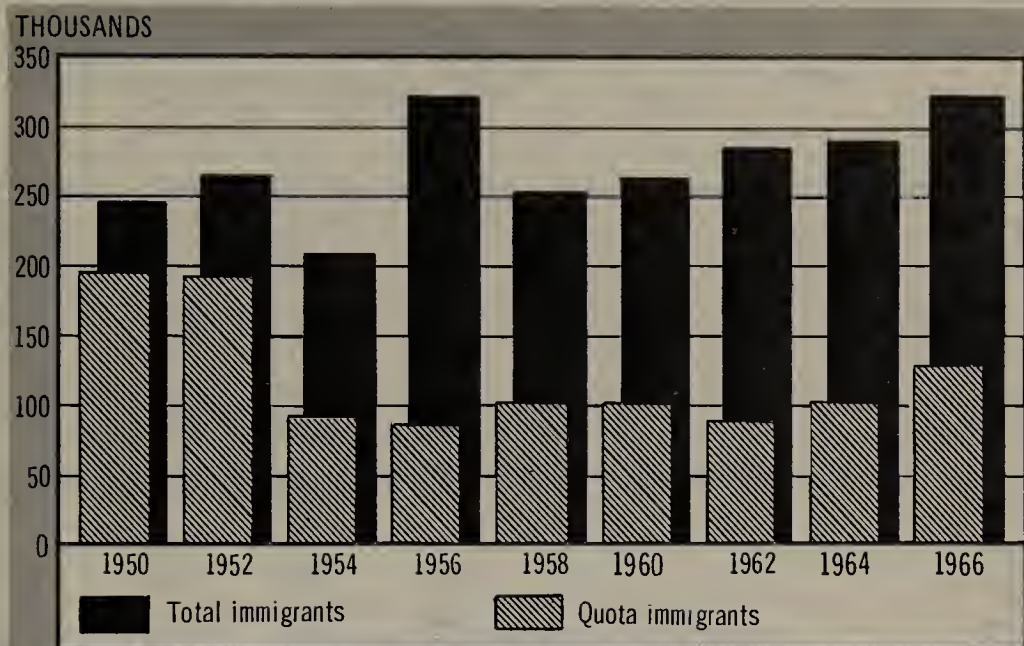
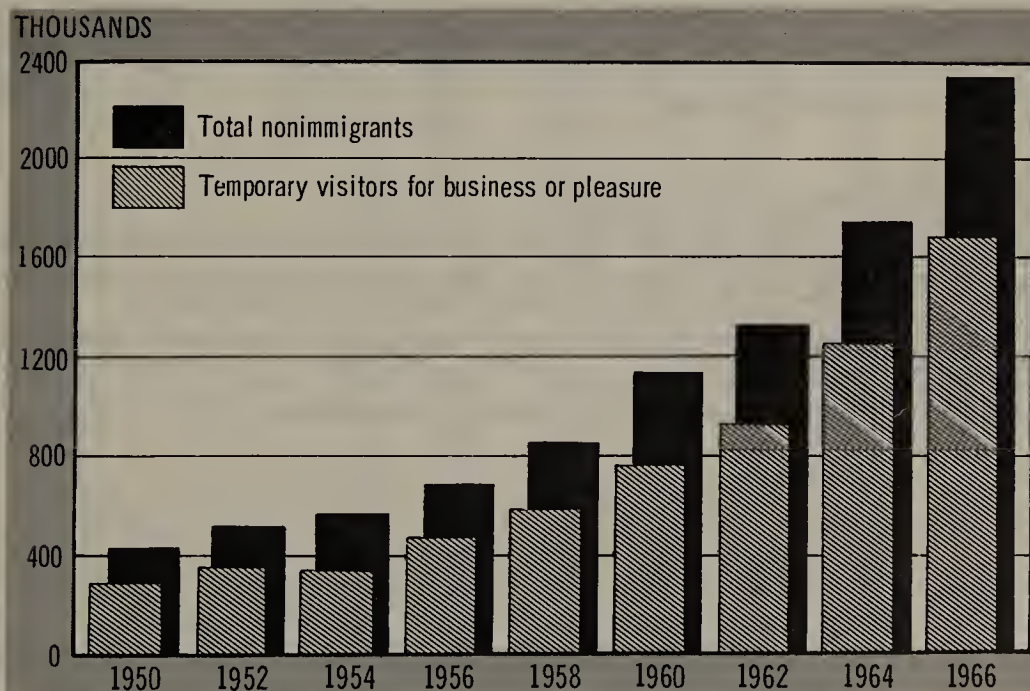


FIG. VIII. NONIMMIGRANTS ADMITTED: 1950 TO 1966

[See table 136]



Source of figs. VII and VIII: Charts prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Justice, Immigration and Naturalization Service.

## No. 125. ANNUAL IMMIGRATION QUOTAS, BY COUNTRY, BY LAW: 1921 TO 1966

[See table 127 for quota immigrants admitted. For explanation of the various acts, see text, pp. 91-92. See also *Historical Statistics, Colonial Times to 1957*, series C 139]

COUNTRY	1921 Act (3 percent, 1910)	1924 ACT		1966 quota, 1952 Act, as amended
		Effective 1924 (2 percent, 1890) <sup>1</sup>	Effective 1929 (national ori- gin ratio) <sup>2</sup>	
All countries.....	356,995	164,667	<sup>3</sup> 153,714	<sup>4</sup> 158,261
Europe.....	355,406	161,546	150,591	149,697
Austria.....	7,451	785	1,413	1,405
Belgium.....	1,563	512	1,304	1,297
Bulgaria.....	302	100	100	100
Czechoslovakia.....	14,282	3,073	2,874	2,859
Denmark <sup>5</sup> .....	5,694	2,789	1,181	1,175
Finland.....	3,921	471	569	566
France.....	5,729	3,954	3,086	3,069
Germany.....	68,059	51,227	25,957	25,814
Great Britain <sup>6</sup> .....	77,342	34,007	65,721	65,361
Greece.....	3,294	100	307	308
Hungary.....	5,638	473	869	865
Iceland.....	( <sup>9</sup> )	100	100	100
Ireland <sup>6</sup> .....	( <sup>9</sup> )	28,567	17,853	17,756
Italy.....	42,057	3,845	5,802	5,666
Netherlands.....	3,607	1,648	3,153	3,136
Norway.....	12,202	6,453	2,377	2,364
Poland.....	25,827	5,982	6,524	6,488
Portugal.....	2,520	503	440	438
Romania.....	7,419	603	295	289
Spain.....	912	131	252	250
Sweden.....	20,042	9,561	3,314	3,295
Switzerland.....	3,752	2,081	1,707	1,698
Turkey.....	656	100	226	225
U. S. S. R.....	34,284	2,248	2,784	2,697
Yugoslavia.....	6,426	671	845	942
Other Europe.....	2,427	1,562	1,538	1,534
Asia.....	1,043	1,300	1,323	3,590
Africa.....	122	1,200	1,200	4,274
Australia, New Zealand, and other Oceania.....	359	221	200	700
All others.....	65	400	400	-

- Represents zero.

<sup>1</sup> Presidential Proclamation 1703 of June 30, 1924.

<sup>2</sup> Presidential Proclamation 1872 of March 22, 1929.

<sup>3</sup> Quota was 153,714 in 1930-1931; 153,831 in 1932-1933; 153,774 in 1934-1944; 153,879 in 1945-1946; 153,929 in 1947-1949; 154,206 in 1950; and 154,277 in 1951-1952.

<sup>4</sup> Quota was 154,657 in 1953-1956 (Presidential Proclamation 2980 of June 30, 1952); 154,857 in 1957; 154,957 in 1958; 154,857 in 1959; 154,887 in 1960; 156,487 in 1961; 156,637 in 1962; 156,937 in 1963; and 158,561 in 1965.

<sup>5</sup> Prior to 1924, Iceland included with Denmark.

<sup>6</sup> Prior to 1925, all Ireland included with Great Britain; thereafter, only Northern Ireland. Prior to 1963, Jamaica and Trinidad and Tobago included with Great Britain; 1963 through 1965, separate quotas of 100 each were established; for 1966, quotas unrestricted.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.



## No. 126. IMMIGRATION: 1820 TO 1966

[In thousands, except rate. For years ending June 30, except as noted. For 1819 to 1867, alien passengers arriving; 1868 to 1891 and 1895 to 1897, immigrants arriving; 1892 to 1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1957*, series C 88 and C 140-144]

PERIOD	TOTAL		PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		Quota	Non-quota
	Number	Rate <sup>1</sup>		Number	Rate <sup>1</sup>		Number	Rate <sup>1</sup>		
1820-1866	43,614	3.8	1881-1890	5,247	9.2	1951-1960	2,515	1.5	1,099	1,416
1820-1830 <sup>2</sup>	152	1.2	1891-1900	3,688	5.3	1961	271	1.5	96	175
1831-1840 <sup>3</sup>	599	3.9	1901-1910	8,795	10.4	1962	284	1.5	90	193
1841-1850 <sup>4</sup>	1,713	8.4	1911-1920	5,736	5.7	1963	306	1.6	103	203
1851-1860	2,598	9.3	1921-1930	4,107	3.5	1964	292	1.5	103	189
1861-1870 <sup>5</sup>	2,315	6.4	1931-1940	528	0.4	1965	297	1.5	99	197
1871-1880	2,812	6.2	1941-1950	1,035	0.7	1966	323	1.6	126	197

<sup>1</sup> Annual rate per 1,000 population. The rate for each 10-year period was computed by dividing the 10-year U.S. population total (the sum of totals for each single year) by the 10-year total of immigrants for the same period.

<sup>2</sup> Oct. 1, 1819, to Sept. 30, 1830. <sup>3</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>4</sup> Calendar years. <sup>5</sup> Jan. 1, 1861, to June 30, 1870.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*, and Dept. of Commerce, Bureau of the Census; unpublished data.

## No. 127. QUOTA ALLOTTED AND QUOTA IMMIGRANTS, BY AREA: 1941 TO 1966

[For years ending June 30. See text, pp. 91-92]

QUOTA AREA	Annual quota, 1966 <sup>1</sup>	QUOTA IMMIGRANTS						
		1941-1950, total	1951-1960, total	1962	1963	1964	1965	1966
All quota areas	158,261	583,707	1,098,790	90,319	<sup>2</sup> 103,036	<sup>2</sup> 102,844	<sup>2</sup> 99,381	<sup>2</sup> 126,310
Europe	149,697	572,915	1,069,815	86,814	99,244	98,729	94,128	102,197
Austria	1,405	<sup>3</sup> 11,460	13,344	1,274	1,450	1,271	1,392	1,905
Belgium	1,297	7,253	11,561	1,076	1,052	1,022	1,015	784
Bulgaria	100	592	1,137	84	114	100	96	221
Czechoslovakia	2,859	17,087	25,109	1,946	2,098	1,823	1,965	1,415
Denmark	1,175	5,499	11,474	1,124	1,203	1,075	1,129	901
Finland	566	2,876	5,436	536	494	554	540	377
France	3,069	17,787	29,449	2,930	2,987	2,876	3,011	2,283
Germany	25,814	<sup>3</sup> 100,578	248,208	22,911	26,533	23,997	21,621	14,461
Greece	308	2,585	11,836	339	308	308	233	4,906
Hungary	865	9,178	17,812	825	914	854	813	942
Iceland	100	474	1,069	106	85	112	95	62
Ireland (Eire)	17,756	25,993	63,468	5,364	6,054	6,134	5,256	3,068
Italy	5,666	24,247	54,460	5,405	5,560	5,724	5,363	18,955
Luxembourg	100	553	744	63	88	83	96	62
Netherlands	3,136	14,501	30,657	3,073	3,016	2,828	3,132	2,242
Norway	2,364	10,096	22,907	1,944	2,071	2,219	2,237	1,584
Poland	6,488	99,559	125,671	5,435	7,460	6,434	6,238	7,103
Portugal	438	3,603	4,285	426	445	434	428	7,163
Romania	289	5,077	9,321	273	311	289	294	1,090
Spain	250	1,999	2,800	161	220	272	251	982
Sweden	3,295	8,319	18,714	1,685	2,019	2,160	2,415	1,778
Switzerland	1,698	6,822	16,058	1,694	1,673	1,681	1,716	1,310
Turkey	225	2,093	2,164	195	242	182	171	672
United Kingdom	65,361	111,315	230,948	23,447	28,291	31,759	29,923	23,721
U.S.S.R.	2,697	23,076	44,246	2,765	2,616	2,564	2,707	1,748
Yugoslavia	942	9,265	30,592	888	915	969	926	2,370
Other Europe	1,434	51,028	36,345	945	1,025	1,005	1,065	1,092
Asia <sup>4</sup>	3,590	6,715	21,214	2,245	2,256	2,290	3,292	21,644
Africa	4,274	1,956	4,918	846	1,010	1,232	1,332	1,658
Oceania <sup>4</sup>	700	2,121	3,023	414	350	381	435	708

<sup>1</sup> See table 125 for quotas, by country, under successive immigration laws.

<sup>2</sup> Includes Jamaica and Trinidad and Tobago, not shown separately.

<sup>3</sup> For 1941 to 1945, Austrian quota included with Germany.

<sup>4</sup> Philippines included in Asia beginning 1952; previously included in Oceania.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

# NO. 128. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1820 TO 1966

[For years ending June 30. Data prior to 1906 refer to country from which aliens came. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, Colonial Times to 1957*, series C 88-114]

COUNTRY	Total 147 yrs., 1820-1966	1941-1950, total	1951-1960, total	1962	1963	1964	1965	1966
<b>All countries</b> .....	43, 614, 313	1, 035, 039	2, 515, 479	283, 763	306, 260	292, 248	296, 697	323, 040
<b>Europe</b> .....	35, 221, 800	621, 704	1, 328, 293	103, 989	109, 066	108, 215	101, 468	115, 898
Albania .....	2, 242	85	59	12	9	8	10	10
Austria <sup>1</sup> .....	4, 287, 149	24, 860	67, 106	944	1, 526	1, 311	1, 743	1, 446
Hungary .....		3, 469	36, 637	400	635	649	510	627
Belgium .....		12, 189	18, 575	959	922	1, 296	1, 155	887
Bulgaria .....		375	104	37	36	261	29	57
Czechoslovakia .....	130, 569	8, 347	918	103	111	190	389	286
Denmark .....	357, 342	5, 393	10, 984	957	1, 070	970	1, 088	953
Estonia .....	1, 021	212	185	14	8	15	14	24
Finland .....	29, 559	2, 503	4, 925	505	358	495	332	374
France .....	713, 532	38, 809	51, 121	3, 931	4, 926	5, 598	5, 573	4, 173
Germany <sup>1</sup> .....	6, 862, 900	226, 578	477, 765	21, 477	24, 727	24, 494	22, 432	17, 661
Great Britain <sup>2</sup> .....	4, 711, 711	131, 592	195, 498	18, 196	22, 867	25, 897	24, 279	19, 439
England .....	3, 014, 362	112, 252	156, 171	14, 970	18, 314	21, 067	19, 443	16, 018
Scotland .....	804, 821	16, 131	32, 854	2, 915	4, 139	4, 408	4, 440	2, 573
Wales .....	93, 543	3, 209	2, 589	181	255	283	252	184
Greece .....	514, 700	8, 973	47, 608	4, 408	4, 744	3, 998	3, 016	8, 221
Ireland <sup>3</sup> .....	4, 706, 854	26, 967	57, 332	5, 118	5, 746	6, 055	5, 187	2, 603
Italy .....	5, 067, 717	57, 661	185, 491	20, 119	16, 175	12, 769	10, 874	26, 449
Latvia .....	2, 233	361	352	52	48	40	37	67
Lithuania .....	3, 533	683	242	52	58	50	59	63
Luxembourg .....	2, 431	820	684	56	52	68	85	59
Netherlands .....	345, 036	14, 860	52, 277	6, 378	4, 086	2, 039	2, 353	1, 922
Norway .....	849, 811	10, 100	22, 935	1, 839	1, 934	2, 145	2, 179	1, 620
Poland <sup>1</sup> .....	473, 670	7, 571	9, 985	5, 660	6, 785	7, 097	7, 093	8, 470
Portugal .....	305, 844	7, 423	19, 588	3, 622	2, 911	2, 006	1, 937	8, 481
Romania .....	160, 459	1, 076	1, 039	135	126	287	434	241
Spain .....	201, 916	2, 898	7, 894	3, 353	2, 969	4, 069	3, 929	4, 944
Sweden .....	1, 261, 768	10, 665	21, 697	1, 760	2, 056	2, 196	2, 413	1, 863
Switzerland .....	335, 818	10, 547	17, 675	1, 793	1, 952	2, 119	2, 360	1, 995
Turkey in Europe .....	162, 412	580	2, 653	581	834	506	396	579
U.S.S.R. <sup>1</sup> .....	3, 345, 610	548	584	130	119	163	190	259
Yugoslavia .....	73, 594	1, 576	8, 225	1, 086	972	1, 098	1, 051	1, 611
Other Europe .....	50, 261	3, 983	8, 155	312	304	326	321	514
<b>Asia</b> <sup>4</sup> .....	1, 242, 189	31, 780	147, 453	20, 249	23, 242	21, 279	20, 040	40, 112
China <sup>5</sup> .....	419, 643	16, 709	9, 657	1, 356	1, 605	2, 684	1, 611	2, 948
India .....	18, 502	1, 761	1, 973	390	965	488	467	2, 293
Japan .....	348, 623	1, 555	46, 250	4, 054	4, 147	3, 774	3, 294	3, 468
Turkey in Asia .....	208, 415	218	866	304	307	331	365	365
Other Asia <sup>4</sup> .....	247, 006	11, 537	88, 707	14, 145	16, 218	14, 002	14, 303	31, 038
<b>America</b> .....	6, 710, 846	354, 804	996, 944	155, 871	169, 966	158, 644	171, 019	162, 552
Canada and Newfound- land .....	3, 836, 071	171, 718	377, 952	44, 272	50, 509	51, 114	50, 035	37, 273
Mexico .....	1, 414, 273	60, 589	299, 811	55, 805	55, 986	34, 448	40, 686	47, 217
Central America .....	177, 641	21, 665	44, 751	9, 639	10, 706	11, 829	12, 736	9, 889
South America .....	400, 926	21, 831	91, 628	22, 550	27, 759	34, 891	33, 757	28, 113
West Indies .....	777, 382	49, 725	123, 091	20, 917	22, 951	24, 067	31, 141	37, 999
Other America .....	104, 553	29, 276	59, 711	2, 688	2, 055	2, 295	2, 664	2, 061
<b>Africa</b> .....	59, 117	7, 367	14, 092	1, 834	1, 982	2, 015	1, 949	1, 967
Australia and New Zealand .....	89, 928	13, 805	11, 506	1, 427	1, 642	1, 767	1, 803	1, 890
Pacific Islands <sup>4</sup> .....	22, 305	5, 437	4, 698	144	136	88	155	177
All other countries .....	268, 128	142	12, 493	249	226	240	263	444

<sup>1</sup> 1938 to 1945, Austria included with Germany; 1899 to 1919, Poland included with Austria-Hungary, Germany, and U.S.S.R.

<sup>2</sup> Beginning 1952, includes data for United Kingdom not specified, formerly included in "Other Europe."

<sup>3</sup> Comprises Eire and Northern Ireland.

<sup>4</sup> Philippines included in "Other Asia" beginning 1952 and in "Pacific Islands" 1934 to 1951. Prior to 1934, recorded separately as insular travel.

<sup>5</sup> Beginning 1957, includes Taiwan.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.



# Immigrants

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## No. 129. IMMIGRANTS, BY COUNTRY OF BIRTH: 1950 TO 1966

[For years ending June 30]

COUNTRY	1950	1960	1965	1966	COUNTRY	1950	1960	1965	1966
<b>All countries</b> .....	249, 187	265, 398	296, 697	323, 040	<b>Europe—Continued</b>				
<b>Europe</b> .....	206, 547	139, 670	114, 329	125, 023	United Kingdom:				
Austria.....	3, 182	1, 970	1, 680	1, 197	England.....	8, 812	17, 790	19, 985	16, 530
Belgium.....	1, 108	1, 066	1, 005	797	Northern Ireland.....	1, 249	1, 280	1, 221	907
Bulgaria.....	190	172	145	291	Scotland.....	2, 983	5, 067	5, 587	3, 596
Czechoslovakia.....	5, 528	2, 391	1, 894	1, 463	Wales.....	393	506	565	408
Denmark.....	1, 234	1, 495	1, 384	1, 137	U.S.S.R.....	10, 971	2, 472	1, 853	1, 362
Estonia.....	5, 422	167	114	118	Yugoslavia.....	9, 154	2, 742	2, 818	3, 728
Finland.....	645	754	669	519	Other Europe.....	1, 753	1, 771	1, 760	2, 401
France.....	3, 519	4, 253	4, 039	3, 175	<b>Asia</b> .....	4, 615	24, 071	19, 778	39, 878
Germany.....	31, 225	31, 768	24, 045	18, 239	China <sup>1</sup> .....	1, 494	3, 681	4, 057	13, 736
Greece.....	1, 242	3, 797	3, 002	8, 265	India.....	153	391	582	2, 458
Hungary.....	5, 098	7, 257	1, 574	1, 665	Japan.....	76	5, 471	3, 180	3, 394
Ireland.....	6, 501	7, 687	5, 463	3, 241	Jordan <sup>2</sup> .....	226	536	702	1, 325
Italy.....	9, 839	14, 933	10, 821	25, 154	Philippines.....	595	2, 954	3, 130	6, 093
Latvia.....	17, 494	353	259	211	Other Asia.....	2, 071	11, 038	8, 127	12, 872
Lithuania.....	11, 870	482	396	297	<b>North America</b> .....	34, 004	85, 075	126, 729	127, 340
Netherlands.....	3, 148	5, 070	3, 085	2, 275	Canada.....	18, 043	30, 990	38, 327	28, 358
Norway.....	2, 379	2, 533	2, 256	1, 676	Mexico.....	6, 841	32, 684	37, 969	45, 163
Poland.....	52, 851	7, 949	8, 465	9, 404	West Indies.....	6, 093	14, 047	37, 583	43, 804
Portugal.....	1, 075	6, 968	2, 005	8, 713	Central America.....	2, 151	6, 661	12, 423	9, 658
Romania.....	3, 599	993	1, 644	1, 938	Other North America.....	876	693	427	357
Spain.....	463	1, 737	2, 200	2, 954	<b>South America</b> .....	2, 777	13, 048	30, 962	25, 836
Sweden.....	1, 892	2, 351	2, 411	1, 807	Africa.....	689	2, 319	3, 383	3, 137
Switzerland.....	1, 728	1, 896	1, 984	1, 555	Australia and New Zealand.....	443	912	1, 066	1, 202
					Other countries.....	112	303	450	624

<sup>1</sup> Includes Taiwan.   <sup>2</sup> Includes Arab Palestine.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 130. IMMIGRANTS, BY SEX, AGE, AND OCCUPATION GROUP: 1941 TO 1966

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1957*, series C 115-125, and C 133-137]

SEX, AGE, AND OCCUPATION	1941-1950, total	1951-1960, total	1962	1963	1964	1965	1966
<b>Total</b> .....	1, 035, 039	2, 515, 479	283, 763	306, 260	292, 248	296, 697	323, 040
<b>Sex:</b>							
Male.....	417, 987	1, 155, 421	131, 575	139, 297	126, 214	127, 171	141, 456
Female.....	617, 052	1, 360, 058	152, 188	166, 963	166, 034	169, 526	181, 584
Males per 1,000 females.....	677	850	865	834	760	750	779
<b>Age:</b>							
Under 16 years.....	161, 822	575, 900	64, 531	72, 510	70, 444	72, 431	89, 715
16 to 44 years <sup>1</sup> .....	682, 958	1, 596, 327	182, 464	197, 506	186, 821	188, 652	189, 526
45 years and over <sup>2</sup> .....	190, 259	343, 252	36, 768	36, 244	34, 983	35, 614	43, 799
<b>Occupation:</b>							
Professional, technical, and kindred workers.....	82, 007	183, 667	23, 710	27, 930	28, 756	28, 790	30, 039
Farmers and farm managers.....	37, 563	49, 156	1, 589	1, 776	1, 732	1, 833	2, 964
Managers, officials, and proprietors, except farm.....	39, 403	53, 480	5, 554	5, 986	6, 822	7, 090	6, 773
Clerical, sales, and kindred workers.....	81, 628	197, 382	26, 304	28, 094	30, 015	29, 779	22, 676
Craftsmen, foremen, and kindred workers.....	<sup>3</sup> 75, 632	195, 606	17, 172	18, 158	17, 568	17, 510	16, 535
Operatives and kindred workers.....	<sup>3</sup> 61, 935	167, 587	12, 976	14, 286	14, 243	14, 166	14, 190
Private household workers.....	35, 430	93, 631	9, 690	9, 522	8, 451	9, 706	10, 558
Service workers, except private household.....	23, 426	70, 313	9, 414	9, 392	10, 396	10, 743	10, 541
Farm laborers and foremen.....	7, 299	42, 696	10, 801	9, 463	3, 988	2, 638	4, 227
Laborers, except farm and mine.....	24, 837	132, 906	17, 614	16, 062	9, 127	8, 556	9, 830
<b>No occupation</b> <sup>4</sup> .....	565, 879	1, 329, 055	148, 939	165, 591	161, 150	165, 886	194, 707

<sup>1</sup> 1941-1944, 16 to 45 years.   <sup>2</sup> 1941-1944, 46 years and over. Includes age unknown.

<sup>3</sup> Operatives and kindred workers included with craftsmen, foremen, etc. for 1941-1945.

<sup>4</sup> Includes dependent women and children, and other aliens without occupation or occupation not reported.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and unpublished data.



### NO. 131. IMMIGRANTS—DISPLACED PERSONS AND REFUGEES ADMITTED, BY COUNTRY OF BIRTH: 1948-1966

[For years ending June 30. Comprises displaced persons admitted under Displaced Persons Act of 1948 as amended; refugees admitted under Refugee Relief Act of 1953, Act of July 29, 1953, Act of September 11, 1957, Act of September 2, 1958, and Act of September 22, 1959, Hungarian parolees admitted under Act of July 25, 1958; refugee-escapee parolees admitted under Act of July 14, 1960; and conditional entries by refugees under Act of October 3, 1965.]

COUNTRY OF BIRTH	Displaced persons, 1948-1966 <sup>1</sup>	Refugees, 1954-1966	COUNTRY OF BIRTH	Displaced persons, 1948-1966 <sup>1</sup>	Refugees, 1954-1966
<b>All countries</b> .....	<b>409,696</b>	<b>293,025</b>	<b>Europe—Continued</b>		
<b>Europe</b> .....	<b>405,234</b>	<b>243,141</b>	United Kingdom.....	1,830	724
Austria.....	8,956	5,435	U.S.S.R.....	35,747	6,188
Belgium.....	951	555	Yugoslavia.....	33,367	25,742
Bulgaria.....	589	1,015	Other Europe.....	1,178	3,205
Czechoslovakia.....	12,638	3,205	<b>Asia</b> .....	<b>4,016</b>	<b>44,455</b>
Denmark.....	62	39	China <sup>2</sup> .....	2,640	12,392
Estonia.....	10,427	685	India.....	9	82
Finland.....	95	55	Indonesia.....	6	15,897
France.....	799	1,077	Israel.....	24	736
Germany.....	62,123	21,844	Japan.....	13	4,336
Greece.....	10,277	18,916	Korea.....	-	4,429
Hungary.....	16,627	46,058	Palestine.....	123	808
Ireland.....	33	20	Philippines.....	22	331
Italy.....	2,268	59,808	Other Asia.....	1,179	5,444
Latvia.....	36,014	1,701	<b>North America</b> .....	<b>288</b>	<b>746</b>
Lithuania.....	24,698	1,806	Canada.....	25	27
Netherlands.....	64	17,403	Mexico.....	4	6
Norway.....	30	25	West Indies.....	2	236
Poland.....	135,302	13,831	Central America.....	4	11
Portugal.....	22	4,975	Other North America.....	253	466
Romania.....	10,618	8,140	South America.....	19	77
Spain.....	37	499	Africa.....	107	4,461
Sweden.....	347	86	Australia and New Zealand..	10	52
Switzerland.....	135	104	Other countries.....	22	93

- Represents zero.

<sup>1</sup> Includes German ethnics, their wives and children, and displaced persons adjusting to immigrant status under section 4 of the Displaced Persons Act.

<sup>2</sup> Includes Taiwan.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

### NO. 132. FOREIGN LABORERS ADMITTED OR PAROLED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1955 TO 1966

[For years ending June 30. Mexican agricultural laborers have been employed since 1949 under the provisions of P.L. 78 which expired December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the U.S. under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the U.S.]

COUNTRY	1955	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>351,191</b>	<b>447,207</b>	<b>312,991</b>	<b>303,634</b>	<b>243,120</b>	<b>237,700</b>	<b>155,761</b>	<b>64,881</b>
<b>Agricultural laborers:</b>								
Mexico.....	337,996	427,240	294,149	282,556	195,450	181,738	103,563	18,544
Canada.....	7,578	7,804	8,543	8,462	9,832	9,530	8,149	5,251
British Guiana.....	-	-	105	5	1	-	-	-
British Honduras.....	-	107	-	216	-	-	-	-
British West Indies.....	5,617	10,812	9,515	11,567	15,275	12,643	15,377	12,550
French West Indies.....	-	62	31	169	128	24	20	11
Japan.....	-	969	285	354	810	210	31	-
Netherlands West Indies.....	-	-	-	-	3	-	-	1
Philippines.....	-	-	-	-	124	-	-	-
Spain (Basque shepherders).....	-	213	363	305	411	338	453	477
<b>Others:</b>								
Canadian woodsmen.....	(NA)	(NA)	(NA)	(NA)	14,166	17,916	13,281	11,777
U.S. Virgin Islands workers.....	(NA)	(NA)	(NA)	(NA)	4,452	12,528	13,514	13,841
Workers paroled into Guam:								
From Philippines.....	(NA)	(NA)	(NA)	(NA)	2,175	2,618	1,344	2,414
From Pacific Islands.....	(NA)	(NA)	(NA)	(NA)	<sup>2</sup> 293	155	29	15

- Represents zero. NA Not available.

<sup>1</sup> Includes 100,876 Mexican laborers admitted under P.L. 78 prior to Dec. 31, 1964.

<sup>2</sup> Data for April-June 1963.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 133. CUBAN REFUGEE PROGRAM: 1961 TO 1966

YEAR	CUBAN REFUGEE CENTER, MIAMI, FLA.		MONTH AND YEAR	REFUGEES RECEIVING FEDERAL FINANCIAL ASSISTANCE IN FLORIDA	
	Registra- tions, number	Resettle- ments to other areas, number		Cases	Persons
<b>Total, Jan. 1, 1961 to Dec. 31, 1966.....</b>	<b>228,804</b>	<b>134,945</b>	<b>December:</b>		
1962.....	77,613	35,753	1962.....	30,960	64,011
1963.....	14,134	19,869	1963.....	21,473	44,595
1964.....	5,396	13,075	1964.....	11,347	20,782
1965.....	11,050	11,905	1965.....	7,503	13,671
1966.....	42,279	37,574	1966.....	7,860	13,780

Source: Dept. of Health, Education, and Welfare, Welfare Administration; *Welfare in Review*, annual Statistical Supplement.

## No. 134. ALIENS ADMITTED AND DEPARTED: 1931 TO 1966

[In thousands. For years ending June 30. See also *Historical Statistics, Colonial Times to 1957*, series C 88, C 115, C 140, and C 145]

PERIOD OR YEAR	ADMITTED			Departed <sup>1</sup>	Excess of admissions over de- partures <sup>2</sup>
	Total	Immigrant	Nonimmigrant		
1931-1940.....	2,103	528	1,574	2,197	-94
1941-1950.....	3,496	1,035	2,461	2,262	1,234
1951-1960.....	9,629	2,515	7,113	6,682	2,946
1960.....	1,406	265	1,141	1,004	402
1962.....	1,615	284	1,331	1,159	456
1963.....	1,813	306	1,507	1,267	547
1964.....	2,037	292	1,745	1,431	606
1965.....	2,373	297	2,076	1,735	638
1966.....	2,665	323	2,342	1,920	745

<sup>1</sup> Prior to 1957, includes emigrant and nonemigrant aliens departed; thereafter includes aliens departed by sea and air, except direct departures to Canada. <sup>2</sup> Excess of departures indicated by a minus (-) sign.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 135. ALIENS EXPELLED, EXCLUDED, AND REMOVED: 1931 TO 1966

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1957*, series C 152-155]

ITEM	1931- 1940, total	1941- 1950, total	1951- 1960, total	1962	1963	1964	1965	1966
<b>Aliens expelled.....</b>	<b>210,416</b>	<b>1,581,774</b>	<b>4,013,547</b>	<b>61,801</b>	<b>76,846</b>	<b>81,788</b>	<b>105,406</b>	<b>132,851</b>
Deported.....	117,086	110,849	129,887	7,637	7,454	8,746	10,143	9,168
Required to depart.....	93,330	1,470,925	3,883,660	54,164	69,392	73,042	95,263	123,683
<b>Aliens excluded <sup>1</sup>.....</b>	<b>68,217</b>	<b>30,263</b>	<b>20,585</b>	<b>388</b>	<b>309</b>	<b>421</b>	<b>429</b>	<b>512</b>
Subversive or anarchistic.....	5	60	1,098	13	11	16	12	10
Criminals.....	1,261	1,134	1,735	24	17	13	18	20
Immoral classes.....	253	80	361	2	2	4	4	2
<b>Mental or physical defec- tives.....</b>	<b>1,530</b>	<b>1,021</b>	<b>956</b>	<b>23</b>	<b>22</b>	<b>18</b>	<b>19</b>	<b>21</b>
<b>Likely to become public charges.....</b>	<b>12,519</b>	<b>1,072</b>	<b>149</b>	<b>1</b>	<b>4</b>	<b>-</b>	<b>2</b>	<b>1</b>
Stowaways.....	2,126	3,182	376	17	19	10	17	16
Attempted entry <sup>2</sup> .....	47,858	22,441	14,657	280	216	343	333	415
Other.....	2,665	1,273	1,253	28	18	17	24	27
<b>Indigent aliens removed <sup>3</sup>.....</b>	<b>9,549</b>	<b>580</b>	<b>850</b>	<b>182</b>	<b>177</b>	<b>152</b>	<b>203</b>	<b>107</b>

- Represents zero.

<sup>1</sup> Comprises aliens excluded as the result of formal hearings except, for 1941 to 1953, represents all exclusions at seaports and exclusions of aliens seeking entry for 30 days or longer at land ports.

<sup>2</sup> Without inspection or without proper documents.

<sup>3</sup> Represents aliens fallen into distress and returned at their own request.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 136. ALIENS ADMITTED, BY CLASSES: 1962 TO 1966

[For years ending June 30. Excludes border crossers, crewmen, Mexican agricultural laborers admitted prior to December 31, 1964, under the Act of October 31, 1949, as amended, and aliens admitted on documentary waivers. See also *Historical Statistics, Colonial Times to 1957*, series C 140-151]

CLASS	1962	1963	1964	1965	1966
<b>Aliens admitted</b> -----	<b>1,615,146</b>	<b>1,813,351</b>	<b>2,037,056</b>	<b>2,372,664</b>	<b>2,664,963</b>
<b>Immigrants</b> -----	<b>283,763</b>	<b>306,260</b>	<b>292,248</b>	<b>296,697</b>	<b>323,040</b>
Subject to numeric limitations-----	90,319	103,036	102,844	99,381	126,310
Relative preferences-----	11,729	14,770	14,745	13,082	54,935
Parents of U.S. citizens, 2d pref. I&N Act-----	2,252	4,006	4,063	3,799	1,954
Unmarried sons and daughters of U.S. citizens-----	341	392	369	392	1,205
Spouses, unmarried sons and daughters of resident aliens and their children-----	4,205	5,098	5,909	4,934	14,494
Married sons and daughters of U.S. citizens-----	205	199	161	148	3,944
Brothers and sisters of U.S. citizens-----	2,162	2,187	1,711	1,532	9,328
Spouses and children of married sons and daughters and brothers and sisters of U.S. citizens-----	2,564	2,888	2,532	2,277	24,010
Occupational preferences-----	7,034	4,662	4,862	4,986	10,525
Selected immigrants of special skills-----	3,313	2,288	2,475	2,376	1,394
Immigrants in professions-----	(X)	(X)	(X)	(X)	3,628
Other workers-----	(X)	(X)	(X)	(X)	694
Their spouses and children-----	3,721	2,374	2,387	2,610	4,809
Conditional entries-----	(X)	(X)	(X)	(X)	<sup>1</sup> 6,444
Nonpreference quota (incl. private bill cases)-----	71,487	83,517	83,185	80,433	53,705
Adjustments under Sec. 244, I&N Act-----	58	47	22	838	697
Foreign government officials adjusted under Sec. 13, Act of Sept. 11, 1957-----	11	40	30	42	4
<b>Exempt from numeric limitations</b> -----	<b>193,444</b>	<b>203,224</b>	<b>189,404</b>	<b>197,316</b>	<b>196,730</b>
Immediate relatives-----	30,316	30,606	33,669	32,714	39,231
Wives of U.S. citizens-----	17,316	17,590	19,701	19,014	19,457
Husbands of U.S. citizens-----	6,646	6,035	6,437	6,417	6,840
Children of U.S. citizens-----	6,354	6,981	7,531	7,283	7,792
Orphans adopted abroad or to be adopted-----	385	1,312	1,651	1,448	1,679
Other children-----	5,969	5,669	5,880	5,835	6,113
Parents of U.S. citizens, Act of Oct. 3, 1965-----	(X)	(X)	(X)	(X)	5,142
<b>Special immigrants</b> -----	<b>138,919</b>	<b>152,549</b>	<b>144,266</b>	<b>157,929</b>	<b>153,575</b>
Natives of Western Hemisphere countries <sup>2</sup> -----	133,505	147,744	139,284	153,199	147,906
Ministers of religion <sup>2</sup> -----	451	462	478	494	585
Employees of U.S. Government abroad <sup>2</sup> -----	3	32	61	75	106
Children born abroad to resident aliens or subsequent to issuance of visa-----	1,495	1,611	1,843	2,054	2,214
Aliens adjusted under Sec. 244, I&N Act-----	66	20	15	43	169
Aliens adjusted under Sec. 249, I&N Act-----	3,399	2,680	2,585	2,064	2,595
Immigrants, Act of Sept. 11, 1957-----	1,809	213	31	10	11
Hungarian parolees, Act of July 25, 1958-----	51	20	17	18	18
Refugee-escapees, Act of July 14, 1960-----	-	2,005	4,106	4,392	2,359
Immigrants, Act of Sept. 26, 1961-----	11,912	2,848	765	411	194
Immigrants, Act of Oct. 24, 1962-----	(X)	12,672	6,272	1,484	869
Other nonquota immigrants-----	10,437	2,311	278	358	473
<b>Nonimmigrants</b> -----	<b>1,331,383</b>	<b>1,507,091</b>	<b>1,744,808</b>	<b>2,075,967</b>	<b>2,341,923</b>
Foreign government officials-----	33,373	34,043	34,644	38,544	39,327
Temporary visitors for business-----	117,242	122,515	144,680	175,500	201,358
Temporary visitors for pleasure-----	810,779	944,929	1,105,268	1,323,479	1,472,830
Transit aliens-----	110,276	105,815	119,360	142,686	177,827
Treaty traders and investors-----	5,071	5,593	6,912	7,639	8,628
Students-----	41,202	38,991	44,952	50,435	55,716
Spouses and children of students-----	1,037	2,746	3,486	4,032	4,851
Representatives to international organizations-----	9,747	11,918	12,875	14,026	16,369
Temporary workers and industrial trainees-----	57,608	63,477	60,470	67,869	75,848
Representatives of foreign information media-----	1,766	1,928	2,654	2,681	2,925
Exchange visitors-----	26,977	30,002	33,371	33,768	35,253
Spouses and children of exchange visitors-----	3,039	7,666	8,875	9,991	11,204
Returning resident aliens <sup>3</sup> -----	112,261	135,701	165,429	203,235	238,013
NATO officials-----	1,005	1,767	1,832	2,082	1,774

- Represents zero. X Not applicable.

<sup>1</sup> Includes 2,456 conditional entrants who will not become permanent residents until after 2 years residence, and 3,988 whose status was adjusted under the Act of Oct. 3, 1965.

<sup>2</sup> Includes their spouses and children.

<sup>3</sup> Returning resident aliens who have once been counted as immigrants are included with nonimmigrants.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.



**No. 137. ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM, BY SELECTED NATIONALITIES AND BY STATE OF RESIDENCE: 1951, 1960, AND 1966**

[In thousands. All aliens in the U.S. on January 1 are required to report their addresses to the Department of Justice in January except foreign government officials and their dependents, representatives to international organizations, and Mexican agricultural workers]

NATIONALITY	1951 <sup>1</sup>	1960	1966	STATE OF RESIDENCE	1951 <sup>1</sup>	1960	1966
<b>All nationalities</b> .....	<b>2, 265</b>	<b>2, 949</b>	<b>3, 483</b>	<b>Total</b> .....	<b>2, 265</b>	<b>2, 949</b>	<b>3, 483</b>
Canada.....	217	295	373	Arizona.....	24	35	48
China.....	33	48	46	California.....	326	567	849
Cuba.....	18	63	136	Connecticut.....	71	75	81
Germany.....	118	263	236	Florida.....	26	84	185
Hungary.....	35	70	31	Hawaii.....	66	51	46
Ireland.....	58	68	56	Illinois.....	111	199	208
Italy.....	229	257	211	Massachusetts.....	146	128	135
Japan.....	73	72	60	Michigan.....	129	142	137
Mexico.....	324	510	647	New Jersey.....	119	151	177
Netherlands.....	20	40	52	New York.....	546	554	629
Philippines.....	46	61	50	Ohio.....	77	109	85
Poland.....	213	167	128	Pennsylvania.....	98	126	99
Portugal.....	357	32	38	Texas.....	166	238	241
United Kingdom.....	193	227	265	Washington.....	45	51	51
U.S.S.R.....	126	89	48	All other.....	315	438	512
All other.....	205	687	1, 106				

<sup>1</sup> Excludes approximately 100,000 alien address reports that were incomplete for 1951.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

**No. 138. PASSPORTS ISSUED AND RENEWED, BY CHARACTERISTICS OF TRAVEL AND TRAVELERS: 1950 TO 1966**

[Passports are actual count; other data based on a sample and prorated to total passports. Data refer to number of passports issued, not travelers (except as noted). A single passport may cover more than one trip and more than one person]

ITEM	1950	1960	1962	1963	1964	1965	1966
<b>New and renewed passports</b> .....	<b>299, 665</b>	<b>853, 087</b>	<b>906, 900</b>	<b>1, 055, 504</b>	<b>1, 133, 228</b>	<b>1, 330, 290</b>	<b>1, 547, 725</b>
<b>Object of travel:</b> <sup>1</sup>							
Government.....	(NA)	115, 910	106, 690	145, 034	180, 328	191, 130	215, 585
Nongovernment.....	(NA)	737, 177	800, 210	910, 470	952, 900	1, 139, 160	1, 332, 140
Personal reasons <sup>2</sup> .....	141, 567	321, 590	428, 260	436, 250	366, 860	487, 470	483, 240
Pleasure <sup>3</sup> .....	108, 486	350, 897	268, 480	353, 150	470, 180	535, 150	651, 220
Business <sup>4</sup> .....	27, 364	24, 540	73, 890	86, 000	78, 300	76, 210	135, 250
Education.....	13, 837	31, 240	22, 500	26, 470	30, 200	31, 120	51, 750
Religion.....	4, 676	6, 780	4, 910	6, 540	5, 480	6, 780	8, 280
Health.....	1, 069	1, 460	1, 490	1, 350	1, 140	500	710
Other.....	2, 666	670	680	710	740	1, 930	1, 690
<b>First area destination:</b> <sup>5</sup>							
Africa.....	4, 827	8, 440	12, 810	12, 350	16, 120	19, 580	22, 670
Australia and Oceania.....	2, 059	35, 220	28, 610	32, 650	36, 880	50, 750	58, 440
Europe.....	243, 771	669, 662	687, 280	794, 964	864, 598	992, 800	1, 115, 855
Far East.....	5, 558	55, 960	85, 000	102, 010	95, 640	111, 320	165, 660
North, Central, and South America.....	33, 003	58, 935	63, 970	70, 890	72, 880	99, 620	120, 590
Middle East.....	10, 447	24, 670	28, 940	42, 390	46, 710	56, 070	64, 080
<b>Mode of travel—departure:</b> <sup>5</sup>							
Ship.....	200, 800	226, 245	161, 963	165, 141	114, 621	39, 183	49, 765
Air.....	96, 565	626, 842	744, 937	890, 363	1, 018, 607	1, 291, 107	1, 497, 960
<b>Sex of traveler:</b>							
Male.....	155, 595	419, 615	458, 415	534, 490	579, 520	698, 900	810, 850
Female.....	144, 070	433, 472	448, 485	521, 014	553, 708	631, 390	736, 875
<b>Citizenship of traveler:</b>							
Native.....	174, 723	710, 172	777, 000	918, 364	1, 011, 597	1, 236, 797	1, 374, 075
Naturalized.....	124, 942	142, 915	129, 900	137, 140	121, 631	93, 493	173, 650

NA Not available.

<sup>1</sup> Data not entirely comparable because of changes in classifications in 1956, 1958, and 1961.

<sup>2</sup> Includes "Personal business," "Join husband," "Accompany husband," and "Visit family"; through 1965, also includes "Business and pleasure."

<sup>3</sup> Includes "Sightsee," "Vacation," "Visit," and "Tourist."

<sup>4</sup> Includes applicants formerly listed under "Employment" and "Commercial business"; for 1966 includes "Business and pleasure."

<sup>5</sup> Excludes small number not stated.

Source: Dept. of State, Passport Office; annual report, *Summary of Passport Statistics*.

# No. 139. PASSENGERS ARRIVING AND DEPARTING, AND ARRIVALS AT SELECTED PORTS: 1946 TO 1966

[For years ending June 30. Compiled from passenger manifests or lists. Excludes travelers between U.S. (conterminous U.S. prior to 1959) and its outlying areas, border crossers, crewmen, military personnel, and, prior to July 1958, cruise travelers. Through 1955, citizen arrivals include citizens returning to the U.S. after residence in Canada or Mexico for a year or more and citizens returning from overseas and entering the U.S. via Canada]

PORT AND CLASS	1946- 1950, average	1951- 1955, average	1956- 1960, average	1961- 1965, average	1964	1965	1966
<b>Arrivals</b> -----	936, 044	1, 539, 955	2, 562, 907	4, 091, 258	4, 475, 324	5, 059, 458	5, 867, 001
United States citizens-----	507, 821	938, 305	1, 568, 093	2, 512, 613	2, 786, 907	3, 099, 951	3, 613, 855
Aliens-----	428, 223	601, 650	994, 814	1, 578, 646	1, 688, 417	1, 959, 507	2, 253, 146
<b>Departures</b> -----	747, 817	1, 308, 726	2, 310, 563	3, 805, 971	4, 139, 932	4, 819, 860	5, 462, 702
United States citizens-----	473, 858	894, 890	1, 567, 307	2, 468, 888	2, 709, 196	3, 084, 921	3, 542, 751
Aliens-----	273, 959	413, 836	743, 261	1, 337, 083	1, 430, 736	1, 734, 939	1, 919, 951
Excess of arrivals over departures-----	188, 227	231, 229	252, 339	285, 287	335, 392	239, 598	404, 299
<b>ARRIVALS AT SELECTED PORTS</b>							
<b>Baltimore</b> -----	17, 310	2, 841	3, 906	9, 875	10, 036	6, 444	11, 975
United States citizens-----	12, 185	1, 785	2, 433	7, 251	7, 960	4, 849	9, 879
Aliens-----	5, 125	1, 056	1, 473	2, 624	2, 076	1, 595	2, 096
<b>Boston</b> -----	30, 773	49, 394	47, 190	72, 109	81, 640	89, 305	128, 416
United States citizens-----	16, 465	33, 097	32, 045	52, 663	59, 914	64, 772	91, 390
Aliens-----	14, 308	16, 297	15, 145	19, 446	21, 726	24, 533	37, 026
<b>Honolulu</b> -----	6, 543	43, 899	102, 695	106, 030	93, 228	196, 620	296, 514
United States citizens-----	4, 600	25, 314	57, 547	60, 384	53, 756	107, 317	160, 640
Aliens-----	1, 943	18, 585	45, 148	45, 647	39, 472	89, 303	135, 874
<b>Los Angeles and San Pedro</b> -----	3, 349	15, 534	58, 014	195, 312	230, 584	238, 269	269, 126
United States citizens-----	1, 982	8, 813	32, 542	113, 386	131, 813	136, 834	153, 599
Aliens-----	1, 367	6, 721	25, 472	81, 926	98, 771	101, 435	115, 527
<b>Miami</b> -----	224, 151	322, 846	478, 167	631, 625	648, 853	771, 854	942, 658
United States citizens-----	140, 418	206, 625	298, 744	388, 585	420, 880	501, 461	610, 047
Aliens-----	83, 733	116, 221	179, 423	243, 040	227, 973	270, 393	332, 611
<b>New Orleans</b> -----	34, 685	38, 349	53, 566	54, 958	56, 132	72, 609	85, 398
United States citizens-----	22, 147	21, 600	36, 058	35, 363	35, 488	47, 977	56, 905
Aliens-----	12, 538	16, 749	17, 508	19, 595	20, 644	24, 632	28, 493
<b>New York</b> -----	485, 050	802, 496	1, 276, 539	1, 966, 681	2, 129, 813	2, 431, 056	2, 684, 352
United States citizens-----	221, 108	463, 854	765, 817	1, 204, 435	1, 317, 848	1, 482, 118	1, 663, 683
Aliens-----	263, 942	338, 642	510, 722	762, 195	811, 965	948, 938	1, 020, 669
<b>Philadelphia</b> -----	3, 808	3, 171	17, 575	15, 436	15, 211	19, 413	26, 553
United States citizens-----	1, 642	1, 957	14, 408	12, 472	12, 387	15, 477	20, 753
Aliens-----	2, 166	1, 184	3, 167	2, 963	2, 824	3, 936	5, 800
<b>Port Everglades</b> -----	902	3, 039	45, 411	104, 378	133, 224	110, 202	108, 700
United States citizens-----	188	2, 805	33, 407	80, 652	104, 578	89, 553	86, 479
Aliens-----	714	234	12, 004	23, 726	28, 646	20, 649	22, 221
<b>San Francisco</b> -----	36, 790	33, 625	53, 916	139, 499	155, 866	115, 236	90, 678
United States citizens-----	20, 050	21, 652	30, 826	79, 309	87, 330	65, 305	59, 742
Aliens-----	16, 740	11, 973	23, 090	60, 190	68, 536	49, 931	30, 936
<b>Seattle</b> -----	7, 944	21, 857	17, 762	17, 923	28, 862	37, 827	50, 421
United States citizens-----	6, 768	17, 678	10, 479	11, 382	21, 325	21, 754	28, 701
Aliens-----	1, 176	4, 179	7, 283	6, 541	7, 537	16, 073	21, 720
<b>West Palm Beach</b> -----	4, 593	16, 740	34, 132	54, 533	61, 656	69, 737	58, 695
United States citizens-----	1, 642	8, 328	25, 673	42, 364	50, 064	55, 116	44, 185
Aliens-----	2, 951	8, 412	8, 459	12, 169	11, 592	14, 621	14, 510

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

**No. 140. PASSENGERS ARRIVING AND DEPARTING, BY AREA, FLAG OF CARRIER, MODE OF TRAVEL, AND CITIZENSHIP: 1950 TO 1966**

[In thousands. For years ending June 30. Beginning 1960, excludes travelers between U.S. and its outlying areas. See headnote, table 139]

AREA, FLAG, ETC.	1950	1955	1960	1962	1963	1964	1965	1966
<b>Passengers arriving</b> -----	<b>1, 182</b>	<b>1, 839</b>	<b>3, 112</b>	<b>3, 613</b>	<b>3, 948</b>	<b>4, 475</b>	<b>5, 059</b>	<b>5, 867</b>
<b>Area:</b>								
Europe-----	588	811	1, 256	1, 514	1, 704	1, 952	2, 212	2, 497
Asia <sup>1</sup> -----	50	135	197	248	284	326	351	406
Africa-----	5	11	14	15	17	16	15	18
Oceania <sup>1</sup> -----	19	34	55	78	85	81	96	115
Canada and Greenland <sup>2</sup> -----	35	72	23	41	45	43	54	65
Mexico-----	4	29	257	296	332	388	441	538
West Indies-----	363	577	847	819	827	927	1, 118	1, 373
Central America-----	51	65	93	120	118	130	148	175
South America-----	67	104	194	209	218	252	277	324
Cruise-----	(NA)	(NA)	175	272	319	360	347	356
<b>Flag of carrier:</b>								
U.S.-----	750	1, 047	1, 472	1, 620	1, 753	1, 981	2, 246	2, 744
Foreign-----	432	792	1, 640	1, 992	2, 195	2, 494	2, 813	3, 123
<b>Mode of travel:</b>								
By sea-----	602	662	754	796	834	877	840	816
By air-----	581	1, 178	2, 358	2, 816	3, 114	3, 598	4, 220	5, 051
<b>Citizenship:</b>								
Aliens-----	530	672	1, 191	1, 413	1, 515	1, 688	1, 960	2, 253
Citizens-----	652	1, 168	1, 921	2, 199	2, 433	2, 787	3, 100	3, 614
<b>Passengers departing</b> -----	<b>981</b>	<b>1, 582</b>	<b>2, 939</b>	<b>3, 319</b>	<b>3, 688</b>	<b>4, 140</b>	<b>4, 820</b>	<b>5, 463</b>
<b>Area:</b>								
Europe-----	433	703	1, 231	1, 461	1, 648	1, 833	2, 111	2, 312
Asia <sup>1</sup> -----	46	86	169	236	271	307	357	449
Africa-----	6	14	13	16	16	17	19	22
Oceania <sup>1</sup> -----	19	25	47	72	71	90	105	119
Canada and Greenland <sup>2</sup> -----	13	19	23	27	21	25	32	46
Mexico-----	5	34	246	283	316	364	427	516
West Indies-----	352	546	805	663	738	831	1, 030	1, 239
Central America-----	38	54	84	104	110	116	145	180
South America-----	68	102	175	190	196	214	252	264
Cruise-----	(NA)	(NA)	146	266	302	343	343	316
<b>Flag of carrier:</b>								
U.S.-----	577	900	1, 378	1, 388	1, 593	1, 785	2, 089	2, 532
Foreign-----	404	683	1, 561	1, 930	2, 095	2, 355	2, 731	2, 931
<b>Mode of travel:</b>								
By sea-----	467	554	720	772	805	833	813	734
By air-----	514	1, 028	2, 219	2, 547	2, 883	3, 307	4, 007	4, 729
<b>Citizenship:</b>								
Aliens-----	330	488	1, 004	1, 159	1, 267	1, 431	1, 735	1, 920
Citizens-----	652	1, 095	1, 935	2, 160	2, 421	2, 709	3, 085	3, 543

NA Not available.

<sup>1</sup> Philippines included with Oceania for 1950, with Asia thereafter. <sup>2</sup> Includes Newfoundland.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.

**No. 141. ALIENS NATURALIZED, BY TYPE OF PROVISION: 1950 TO 1966**

[For years ending June 30. Includes outlying areas of the U.S. See *Historical Statistics, Colonial Times to 1957*, series C 159, for total naturalized]

NATURALIZATION PROVISION	1950	1960	1961	1962	1963	1964	1965	1966
<b>Total naturalized</b> -----	<b>66, 346</b>	<b>119, 442</b>	<b>132, 450</b>	<b>127, 307</b>	<b>124, 178</b>	<b>112, 234</b>	<b>104, 299</b>	<b>103, 059</b>
Under general naturalization provisions-----	19, 403	91, 548	104, 341	98, 739	93, 325	82, 621	76, 630	76, 214
Married to U.S. citizens-----	40, 684	19, 799	18, 674	17, 379	19, 048	17, 867	16, 602	16, 448
Children of U.S. citizens <sup>1</sup> -----	499	6, 149	7, 416	8, 723	9, 136	9, 056	7, 914	7, 695
Filipinos <sup>2</sup> -----	1, 843	88	116	17	4	1	3	-
Military-----	2, 067	1, 594	1, 719	2, 335	2, 560	2, 605	3, 085	2, 561
Other-----	1, 850	264	184	114	105	84	65	141

- Represents zero. <sup>1</sup> Includes adopted children. <sup>2</sup> With U.S. residence beginning prior to May 1, 1934.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.



### No. 142. ALIEN NATURALIZATION—DECLARATIONS, PETITIONS, AND CERTIFICATES: 1907 TO 1966

[For years ending June 30. No national data compiled prior to fiscal year 1907. Includes outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1957*, series C 158-159 and C 170]

PERIOD OR YEAR	Declara- tions filed <sup>1</sup>	PETITIONS <sup>2</sup>		CERTIFICATES ISSUED		
		Filed	Denied	Total	Civilian	Military
<b>Total, 1907-1966</b> -----	8,621,758	8,949,813	455,660	8,412,860	7,886,094	526,766
1907-1910-----	526,322	164,036	17,702	111,738	111,738	-
1911-1920-----	2,686,909	1,381,384	118,725	1,128,972	884,672	244,300
1921-1930-----	2,709,014	1,884,277	165,493	1,773,185	1,716,979	56,206
1931-1940-----	1,369,479	1,637,113	45,792	1,518,464	1,498,573	19,891
1941-1950-----	920,284	1,935,066	64,814	1,987,028	1,837,229	149,799
1951-1960-----	323,818	1,230,483	27,569	1,189,946	1,148,241	41,705
1950-----	93,527	66,038	2,276	66,346	64,279	2,067
1955-----	10,855	<sup>3</sup> 213,508	4,571	<sup>3</sup> 209,526	197,568	11,958
1960-----	16,255	127,543	2,277	119,442	117,848	1,594
1961-----	15,921	138,718	3,175	132,450	130,731	1,719
1962-----	15,120	129,682	3,557	127,307	124,972	2,335
1963-----	14,478	121,170	2,436	124,178	121,618	2,560
1964-----	14,374	113,218	2,309	112,234	109,629	2,605
1965-----	13,082	106,813	2,059	104,299	101,214	3,085
1966-----	12,957	104,853	2,029	103,059	100,498	2,561

- Represents zero.

<sup>1</sup> Declaration of intention to become citizen. <sup>2</sup> Petition for naturalization.

<sup>3</sup> Includes aliens serving in U. S. Armed Forces who were naturalized abroad.

### No. 143. ALIENS NATURALIZED, BY AGE AND SEX: 1960 TO 1966

[For years ending June 30. Includes outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1957*, series C 159-161]

AGE AND SEX	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> -----	119,442	132,450	127,307	124,178	112,234	104,299	103,059
Under 20 years-----	9,243	10,724	13,572	13,244	13,229	12,388	12,500
20 to 29 years-----	23,956	26,766	30,082	30,558	29,110	26,318	25,627
30 to 39 years-----	32,826	34,925	26,210	36,878	32,274	30,439	29,871
40 to 49 years-----	19,332	21,284	21,168	20,903	18,445	17,321	17,753
50 to 59 years-----	16,025	17,505	13,892	12,838	10,790	10,000	9,700
60 to 69 years-----	11,981	14,805	9,047	7,209	6,206	5,669	5,454
70 and over-----	5,367	6,399	3,333	2,548	2,180	2,164	2,145
Not reported-----	712	42	3	-	-	-	9
<b>Male</b> -----	50,896	58,795	60,988	58,303	51,408	48,495	46,536
Under 20 years-----	4,803	5,456	6,855	6,667	6,522	6,084	5,973
20 to 29 years-----	8,747	10,679	13,295	13,384	12,595	11,335	10,313
30 to 39 years-----	13,418	15,096	17,184	16,741	14,110	14,122	13,381
40 to 49 years-----	9,509	10,595	11,076	10,442	8,931	8,362	8,418
50 to 59 years-----	7,008	8,032	7,018	6,632	5,349	4,911	4,865
60 to 69 years-----	4,519	5,935	4,019	3,264	2,865	2,622	2,587
70 and over-----	2,569	2,985	1,548	1,173	1,036	1,059	997
Not reported-----	323	17	2	-	-	-	2
<b>Female</b> -----	68,546	73,655	66,319	65,875	60,826	55,804	56,523
Under 20 years-----	4,440	5,268	6,717	6,577	6,707	6,304	6,527
20 to 29 years-----	15,209	16,087	16,787	17,174	16,515	14,983	15,314
30 to 39 years-----	19,408	19,829	19,026	20,137	18,164	16,317	16,490
40 to 49 years-----	9,823	10,689	10,101	10,461	9,514	8,959	9,335
50 to 59 years-----	9,017	9,473	6,874	6,206	5,441	5,089	4,835
60 to 69 years-----	7,462	8,870	5,028	3,945	3,341	3,047	2,867
70 and over-----	2,798	3,414	1,785	1,375	1,144	1,105	1,148
Not reported-----	389	25	1	-	-	-	7

- Represents zero.

Source of tables 142 and 143: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

**No. 144. ALIENS NATURALIZED—STATES AND OTHER AREAS OF RESIDENCE:  
1950 TO 1966**

[For years ending June 30]

STATE OR AREA OF RESIDENCE	1950	1960	1965	1966	STATE OR AREA OF RESIDENCE	1950	1960	1965	1966
<b>Total</b> .....	66,346	119,442	104,299	103,059	Montana.....	166	489	196	181
Alabama.....	140	317	289	273	Nebraska.....	156	549	346	265
Alaska.....	95	179	305	281	Nevada.....	68	237	273	251
Arizona.....	341	790	862	819	New Hampshire.....	318	490	288	245
Arkansas.....	44	118	125	82	New Jersey.....	3,742	7,415	7,128	7,188
California.....	9,488	17,006	18,742	19,830	New Mexico.....	125	332	234	362
Colorado.....	358	1,027	830	869	New York.....	20,499	28,363	24,540	22,971
Connecticut.....	1,753	4,398	2,625	2,713	North Carolina.....	188	326	490	472
Delaware.....	90	243	231	182	North Dakota.....	93	118	61	125
Dist. of Columbia.....	466	581	606	684	Ohio.....	2,254	4,335	3,399	3,133
Florida.....	957	3,209	2,659	3,189	Oklahoma.....	160	364	456	353
Georgia.....	200	719	736	738	Oregon.....	451	651	673	692
Hawaii.....	1,087	2,377	1,319	1,625	Pennsylvania.....	2,443	4,867	3,611	3,467
Idaho.....	85	256	158	146	Rhode Island.....	521	590	590	631
Illinois.....	3,367	8,223	8,271	7,451	South Carolina.....	93	267	245	307
Indiana.....	577	1,472	992	962	South Dakota.....	89	84	144	97
Iowa.....	329	695	359	349	Tennessee.....	106	243	269	302
Kansas.....	198	594	500	390	Texas.....	1,353	4,395	4,219	4,694
Kentucky.....	198	558	286	303	Utah.....	125	646	398	431
Louisiana.....	245	422	590	444	Vermont.....	232	349	162	159
Maine.....	475	398	316	295	Virginia.....	413	1,239	1,152	1,096
Maryland.....	489	1,688	1,353	1,412	Washington.....	1,176	2,311	1,522	1,484
Massachusetts.....	4,861	5,146	4,652	4,304	West Virginia.....	175	282	123	138
Michigan.....	3,475	5,854	3,451	3,132	Wisconsin.....	623	2,041	1,205	1,078
Minnesota.....	567	660	741	697	Wyoming.....	69	87	85	72
Mississippi.....	60	146	143	163	Puerto Rico.....	55	155	196	342
Missouri.....	502	861	738	807	Virgin Islands.....	62	45	118	111
					All other.....	144	235	297	272

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*.

**No. 145. ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1950  
TO 1966**

[For years ending June 30. Includes outlying areas of the U.S. See also *Historical Statistics, Colonial Times to 1957*, series C 159 and C 162-169]

COUNTRY	1950	1960	1965	1966	COUNTRY	1950	1960	1965	1966
<b>All countries</b> .....	66,346	119,442	104,299	103,059	<b>Europe—Continued</b>				
<b>Europe</b> .....	50,838	85,116	66,020	62,410	Romania.....	523	624	387	299
Albania.....	65	147	155	110	Spain.....	614	805	679	731
Austria.....	1,192	1,602	1,063	1,012	Sweden.....	879	754	403	327
Belgium.....	654	545	406	334	Switzerland.....	373	799	623	587
British Empire.....	12,829	11,303	9,370	8,930	Turkey.....	352	385	425	347
Bulgaria.....	59	71	96	69	U.S.S.R.....	2,122	3,372	1,071	848
Czechoslovakia.....	1,276	1,522	658	551	Yugoslavia.....	770	2,211	2,013	1,764
Denmark.....	515	683	374	408	Other Europe <sup>2</sup> .....	45	65	126	183
Estonia.....	139	414	159	127	<b>Asia</b> .....	4,802	11,071	14,680	14,369
Finland.....	437	502	280	265	China <sup>3</sup> .....	903	1,968	3,692	3,111
France.....	1,867	1,979	1,521	1,446	Israel.....	33	1,145	2,883	2,814
Germany.....	6,065	19,003	14,929	13,706	Japan.....	24	4,189	2,660	2,673
Greece.....	1,667	3,413	3,256	3,373	Lebanon.....	133	269	343	374
Hungary.....	850	1,437	4,054	2,971	Philippines.....	3,257	2,085	2,499	2,384
Iceland.....	31	75	39	41	Syria.....	192	( <sup>4</sup> )	129	133
Ireland.....	1,451	3,673	3,322	2,885	Other Asia <sup>5</sup> .....	260	1,415	2,474	2,880
Italy.....	8,743	14,560	10,742	10,981	<b>North America</b> .....	9,545	19,503	18,626	20,899
Latvia.....	186	1,562	545	388	Canada.....	5,882	10,215	8,489	8,579
Lithuania.....	482	1,164	498	393	Mexico.....	2,323	5,913	5,080	5,677
Luxembourg.....	42	62	61	63	West Indies.....	838	2,301	3,561	5,031
Netherlands.....	872	2,134	2,503	2,762	Central America <sup>5</sup> .....	502	1,074	1,496	1,612
Norway.....	879	971	527	497	<b>South America</b> <sup>5</sup> .....	470	1,318	2,136	2,538
Poland.....	3,793	8,021	4,017	3,833	Africa <sup>5</sup> .....	86	4,452	656	562
Portugal.....	1,066	1,258	1,718	2,179	Stateless and other.....	605	1,982	2,181	2,281

<sup>1</sup> Represents United Kingdom and British colonies and dependencies. For 1950, also includes Australia.

<sup>2</sup> Includes Andorra, Danzig, Liechtenstein, Monaco, and San Marino. <sup>3</sup> Includes Taiwan.

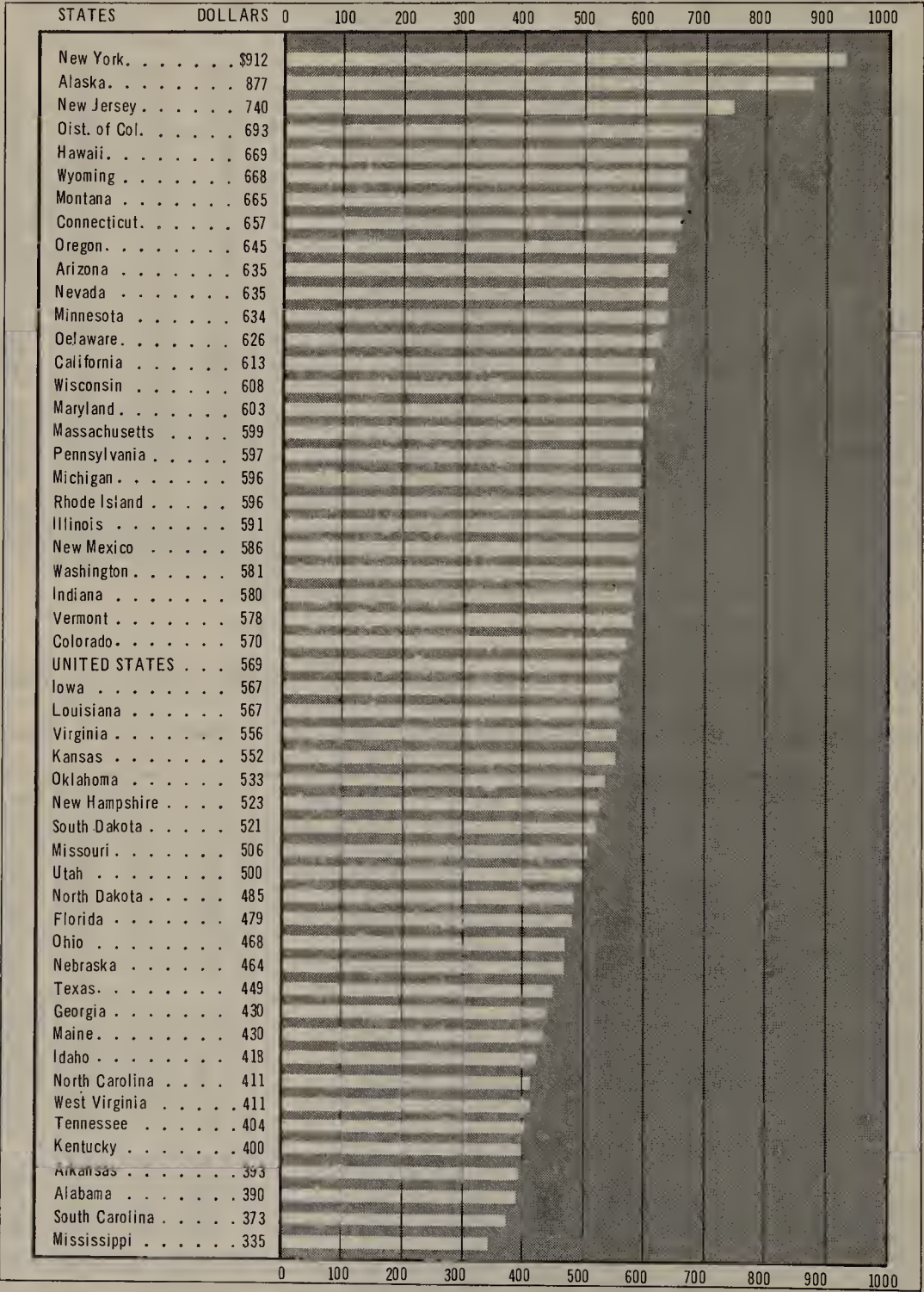
<sup>4</sup> Syria included in Africa as part of United Arab Republic. <sup>5</sup> Independent countries.

Source: Dept. of Justice, Immigration and Naturalization Service; *Annual Report*, and releases.



FIG. IX. CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE—  
PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1967

[See table 178]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data are from Dept. of Health, Education, and Welfare, Office of Education.



## Section 4

### Education

This section presents data concerning the enrollment, personnel, level, extent, and finances of formal education in the United States. The chief sources of these data are the decennial Census of Population and the Current Population Survey, both conducted by the Bureau of the Census (see text, p. 1), and a number of annual, biennial, and other periodic surveys conducted by the Office of Education. The Census of Population has included data on school enrollment since the Census of 1840 and on educational attainment since the Census of 1940. The Current Population Survey has reported on school enrollment annually beginning in 1945 and on educational attainment and illiteracy periodically beginning in 1947. The surveys of the Office of Education are summarized in the *Digest of Educational Statistics*, an annual publication issued for the first time in 1962. The *Digest* includes data on pupils, staff, finances, and organization at elementary, secondary, and college levels.

Other regular sources of education data include special studies of the Office of Education, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The Office of Education's reports, *Federal Funds for Education*, contain detailed data on Federal expenditures for education. Administrative statistics on programs concerned with the distribution of Federal funds are issued by the agencies responsible. The quinquennial Census of Governments provides data on school district finances. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Special studies by the National Science Foundation present statistics on scientists and technicians. Similar studies by the National Institutes of Health cover medical fields. Data on vocational training are available in *Vocational and Technical Education*, issued annually by the Office of Education.

**Types of data.**—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct questioning of individuals to obtain information about their own and their families' education. Tabulations of this type of data relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population.

The second type, exemplified by data from the Office of Education and the National Education Association, is based on reports obtained from administrators of educational institutions and of local and State agencies having jurisdiction over education. This type of data relates to school enrollment, attendance, staff, and finances for the United States, individual States, and local areas, according to institutional characteristics.

**State laws.**—Although all States except Mississippi and South Carolina have requirements that children attend school, State laws vary as to the ages and circumstances of compulsory attendance. In the majority of States, the laws require that formal schooling begin by age 7 and continue to age 16.

**Schools.**—The Office of Education defines a "school" as "A division of the school system consisting of a group of pupils composed of one or more grade groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

The basic Office of Education statistics for elementary and secondary schools are concerned primarily with the local school systems serving the general population. Data from other types of schools are secured from time to time. School enrollment statistics of the Bureau of the Census are based on attendance or enrollment in any regular school within a given period; educational attainment statistics are based on the highest grade completed by an individual. "Regular" schools include public and private kindergartens, graded schools, colleges, universities, and professional schools. "Public" schools are defined as schools controlled and supported by local, State, or Federal governmental agencies; "private" or "nonpublic" schools are those controlled and supported mainly by religious organizations or by private persons or organizations. Neither the Office of Education nor the Bureau of the Census regularly includes specialized vocational, trade, or business schools, residential schools for exceptional children, and correspondence schools. Office of Education enrollment data include kindergartens and those nursery schools which are publicly financed; Census enrollment data include kindergartens but exclude nursery schools. At the higher education level, the basic Office of Education statistics and the Bureau of the Census enrollment statistics are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges. Statistics for certain other types of institutions beyond the high school, such as those offering organized occupational curriculums of nondegree character, are also collected by the Office of Education.

With respect to school levels, the Bureau of the Census defines "elementary" schools as including grades 1 through 8; "high" schools as including grades 9 through 12; and "colleges" as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by the Office of Education and the National Education Association by type of organization, as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the organization of junior high schools. The trend is for the enrollment in grades seven and eight to shift from an elementary to a secondary organization, with resultant changes in grade distribution.

**School year.**—Except as otherwise indicated in the tables, data relating to enrollment and staff refer to the school year which generally begins in September of the preceding year and ends in June of the year stated. Statistics concerning school finances are for a 12-month period, usually July 1 to June 30.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

**No. 146. PUBLIC AND PRIVATE SCHOOLS—NUMBER, BY LEVEL: 1930 TO 1964**

[Prior to 1960, excludes Alaska and Hawaii. Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools]

TYPE OF SCHOOL	1930	1940	1950	1960	1962	1964
<b>Elementary</b> -----	247,581	194,418	138,600	105,427	96,672	1 92,400
Public-----	238,306	<sup>2</sup> 183,112	128,225	91,853	81,910	77,584
One-teacher-----	149,282	<sup>2</sup> 107,692	59,652	20,213	13,333	9,895
Nonpublic <sup>1</sup> -----	9,275	11,306	10,375	13,574	14,762	(NA)
<b>Secondary</b> -----	27,188	28,691	27,873	29,845	29,479	30,882
Public-----	23,930	<sup>2</sup> 25,123	24,542	25,784	25,350	26,431
Nonpublic <sup>1</sup> -----	3,258	3,568	3,331	4,061	4,129	4,451
<b>Institutions of higher education</b> <sup>3</sup> -----	1,409	1,708	1,851	2,008	2,037	2,132
Public-----	519	603	641	701	721	760
Private-----	890	1,105	1,210	1,307	1,316	1,372

NA Not available. <sup>1</sup> Partially estimated. <sup>2</sup> 1942 data.

<sup>3</sup> Universities, colleges, professional schools, teachers colleges, junior colleges, and U.S. service academies.

Source: Dept. of Health, Education, and Welfare, Office of Education; 1930 to 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, annual report, *Digest of Educational Statistics*.

**No. 147. SCHOOL ENROLLMENT AND EXPENDITURE, BY TYPE OF SCHOOL: 1930 TO 1965**

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1963, enrollment data as of fall of year. Expenditure data for years ending June 30.]

ITEM	1930	1940	1950	1960	1963	1965 (prel.)
<b>ENROLLMENT (1,000)</b>						
<b>Total</b> <sup>1</sup> -----	29,652	29,751	31,319	45,228	51,192	54,500
<b>Kindergarten</b> <sup>2</sup> -----	786	661	1,175	2,293	2,555	( <sup>3</sup> )
Public <sup>2</sup> -----	723	595	1,034	1,937	2,148	( <sup>3</sup> )
Nonpublic <sup>2</sup> -----	54	57	<sup>4</sup> 133	<sup>4</sup> 357	406	( <sup>3</sup> )
<b>Grades 1 to 8</b> -----	22,953	20,466	21,032	30,119	32,147	36,000
Public <sup>2</sup> -----	20,555	18,237	18,353	25,679	27,172	30,700
Nonpublic <sup>2</sup> -----	2,255	2,096	<sup>5</sup> 2,575	<sup>5</sup> 4,286	4,796	5,300
Subcollegiate departments of institutions of higher education-----	(NA)	60	36	<sup>6</sup> 51	48	( <sup>7</sup> )
Residential schools for exceptional children <sup>8</sup> -----	<sup>9</sup> 124	56	<sup>10</sup> 49	<sup>11</sup> 59	75	( <sup>7</sup> )
Federal schools for Indians-----	19	17	20	25	29	( <sup>7</sup> )
Federal schools on Federal installations-----	(NA)	(NA)	(NA)	19	28	( <sup>7</sup> )
<b>Grades 9 to 12 and postgraduate</b> -----	4,812	7,130	6,453	9,600	12,255	13,000
Public high schools <sup>2</sup> -----	4,399	6,601	5,725	8,485	10,883	11,700
Nonpublic high schools <sup>2</sup> -----	341	458	<sup>5</sup> 672	<sup>5</sup> 1,035	1,287	1,300
Subcollegiate departments of institutions of higher education-----	59	54	38	<sup>5</sup> 43	39	( <sup>12</sup> )
Residential schools for exceptional children <sup>8</sup> -----	<sup>9</sup> 4	10	<sup>10</sup> 10	<sup>11</sup> 24	31	( <sup>12</sup> )
Federal schools for Indians-----	8	7	8	12	13	( <sup>12</sup> )
Federal schools on Federal installations-----	(NA)	(NA)	(NA)	1	2	( <sup>12</sup> )
<b>Higher education</b> <sup>1</sup> -----	1,101	1,494	2,659	3,216	4,234	5,500
Publicly controlled-----	533	797	1,355	1,832	2,633	3,600
Privately controlled-----	568	698	1,304	1,384	1,601	1,900
<b>EXPENDITURE</b> <sup>13</sup> (mil. dol.)						
<b>Elementary and secondary schools:</b> <sup>2</sup>						
Public-----	2,317	2,344	5,838	15,613	21,337	25,802
Nonpublic-----	233	227	783	2,412	<sup>4</sup> 3,000	<sup>4</sup> 3,500
<b>Institutions of higher education:</b>						
Public, educational expenditures-----	289	{	333	1,174	5,343	<sup>4</sup> 7,700
Public, noneducational expenditures <sup>14</sup> -----			59	255	910	<sup>4</sup> 1,300
Nonpublic, educational expenditures-----	343	{	273	949	3,989	<sup>4</sup> 5,100
Nonpublic, noneducational expenditures <sup>14</sup> -----			94	284	843	<sup>4</sup> 1,100

NA Not available. <sup>1</sup> Excludes schools of nursing not affiliated with institutions of higher education.

<sup>2</sup> Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools, except that, for kindergarten, available data are included in the total through 1950 and in the details thereafter. <sup>3</sup> Included in grades 1 to 8. <sup>4</sup> Bureau of the Census, *Current Population Reports*, Series P-20. <sup>5</sup> Estimated. <sup>6</sup> 1958 data. <sup>7</sup> Included in total for grades 1 to 8. <sup>8</sup> Schools for the blind, deaf, mentally deficient, epileptic, and delinquent. <sup>9</sup> 1927 data. <sup>10</sup> 1946 data. <sup>11</sup> Estimate based on 1958 survey. <sup>12</sup> Included in total for grades 9 to 12 and postgraduate. <sup>13</sup> Includes capital outlay.

<sup>14</sup> Auxiliary enterprises and activities, scholarships, fellowships, prizes, and other current expenditures.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; annual report, *Digest of Educational Statistics*, and unpublished data.



No. 148. PUBLIC AND PRIVATE SCHOOLS, BY LEVEL—STATES AND OTHER AREAS: 1964

[Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools. See *Historical Statistics, Colonial Times to 1957*, series H 243-244, for totals]

STATE OR OTHER AREA	ELEMENTARY		SECONDARY		INSTITUTIONS OF HIGHER EDUCATION <sup>2</sup>		Schools of nursing <sup>3</sup>
	Public	Non-public <sup>1</sup>	Public	Non-public	Public	Private	
United States.....	77,584	14,762	26,431	4,451	4,760	1,372	833
New England.....	4,468	1,058	1,343	568	49	144	88
Maine.....	881	77	197	59	7	15	5
New Hampshire.....	384	88	93	42	5	8	9
Vermont.....	349	34	83	26	5	11	2
Massachusetts.....	1,757	513	677	264	23	75	50
Rhode Island.....	283	112	75	61	2	10	5
Connecticut.....	814	234	218	116	7	25	17
Middle Atlantic.....	8,639	3,301	2,827	965	76	278	224
New York.....	3,168	1,479	1,393	494	51	135	94
New Jersey.....	1,770	533	383	163	9	29	35
Pennsylvania.....	3,701	1,289	1,051	318	16	114	95
East North Central.....	13,947	3,521	4,588	842	97	259	169
Ohio.....	3,053	706	1,082	178	9	61	51
Indiana.....	1,700	386	645	66	5	36	17
Illinois.....	3,480	1,007	1,087	197	25	90	61
Michigan.....	3,242	733	1,176	292	25	42	21
Wisconsin.....	2,472	689	598	109	33	29	19
West North Central.....	13,834	2,016	3,670	446	99	159	100
Minnesota.....	2,214	506	604	87	16	29	17
Iowa.....	1,569	373	738	99	19	32	22
Missouri.....	2,472	487	665	101	15	49	19
North Dakota.....	911	80	303	29	11	3	6
South Dakota.....	2,057	102	266	26	7	9	7
Nebraska.....	2,782	247	471	61	10	13	11
Kansas.....	1,829	221	623	43	21	24	18
South Atlantic.....	10,315	1,316	3,739	497	122	204	116
Delaware.....	143	41	61	20	2	2	6
Maryland.....	856	406	291	102	20	25	17
District of Columbia.....	137	56	44	33	2	22	4
Virginia.....	1,639	137	482	83	11	35	23
West Virginia.....	1,735	64	369	25	11	10	10
North Carolina.....	1,849	129	840	50	17	43	27
South Carolina.....	968	68	426	25	6	24	9
Georgia.....	1,602	74	629	42	20	27	14
Florida.....	1,386	341	597	117	33	16	6
East South Central.....	6,900	588	2,646	227	49	106	41
Kentucky.....	2,129	260	399	82	8	29	12
Tennessee.....	2,047	125	548	63	7	39	12
Alabama.....	1,825	141	1,174	38	9	18	12
Mississippi.....	899	62	525	44	25	20	5
West South Central.....	7,652	921	4,201	298	94	79	44
Arkansas.....	980	74	573	23	8	11	5
Louisiana.....	1,244	264	640	119	10	12	6
Oklahoma.....	1,679	96	926	30	23	11	9
Texas.....	3,749	487	2,062	126	53	45	24
Mountain.....	4,211	547	1,441	152	49	23	19
Montana.....	968	71	192	18	8	3	4
Idaho.....	406	53	222	9	5	4	1
Wyoming.....	369	16	128	4	6	-	-
Colorado.....	849	154	391	45	13	8	7
New Mexico.....	492	101	191	34	7	2	1
Arizona.....	564	114	102	31	5	2	3
Utah.....	393	20	160	9	4	4	3
Nevada.....	170	18	55	2	1	-	-
Pacific.....	7,618	1,494	1,976	456	117	121	32
Washington.....	1,140	196	498	71	17	12	9
Oregon.....	994	139	295	42	12	18	3
California.....	5,170	1,051	1,019	304	86	86	18
Alaska.....	208	21	56	13	1	2	-
Hawaii.....	106	87	108	26	1	3	2
Other areas:							
Puerto Rico.....	1,649	142	443	92	1	4	7
American Samoa.....	46	7	7	(NA)	-	-	-
Canal Zone.....	17	1	6	(NA)	1	-	-
Guam.....	18	6	7	8	1	-	-
Virgin Islands.....	27	13	3	7	1	-	-

- Represents zero. NA Not available. <sup>1</sup> 1962 data.  
<sup>2</sup> Includes universities, liberal arts colleges, teachers colleges and other independent professional schools, and junior colleges.  
<sup>3</sup> October 1964. Not affiliated with colleges and universities. Compiled from data supplied by The National League for Nursing, Inc., New York, N.Y.  
<sup>4</sup> Includes 8 U.S. service academies, not shown separately. <sup>5</sup> Estimated.  
Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1966.

# **No. 149. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL—ESTIMATES, 1950 TO 1966, AND PROJECTIONS, 1970 TO 1985**

[In thousands. As of fall of year. Prior to 1960, excludes Alaska and Hawaii. Elementary includes kindergarten and grades 1-8; high school, grades 9-12 and postgraduates. Series shown represent projections based on different combinations of assumptions about population and enrollment rates. For basis of projections, see headnote, table 6. Enrollment Series 1 and 2 are both based on the assumption that age-specific enrollment rates will continue to increase. Series 1 assumes a relatively rapid increase in the rates following the experience of the period 1950-52 to 1963-65; the projected rates are adjusted to tie in with the estimates for 1965. Series 2 assumes a more moderate increase based on an average of the projected rates in Series 1 and rates in 1965. More detailed methodology is given in source]

YEAR AND SERIES	TOTAL				MALE				FEMALE			
	Total enrolled	Elementary school	High school	College	Total enrolled	Elementary school	High school	College	Total enrolled	Elementary school	High school	College
<b>ESTIMATES</b>												
1950.....	30,276	21,406	6,656	2,214	15,859	11,000	3,344	1,515	14,417	10,406	3,312	699
1955.....	37,426	27,086	7,961	2,379	19,573	13,968	4,026	1,579	17,853	13,117	3,936	800
1960.....	46,259	32,441	10,249	3,570	24,234	16,711	5,184	2,339	22,025	15,730	5,065	1,231
1965.....	53,769	35,120	12,975	5,675	28,059	18,043	6,512	3,503	25,710	17,077	6,463	2,172
1966.....	55,070	35,624	13,364	6,085	28,733	18,197	6,791	3,749	26,337	17,425	6,574	2,337
<b>PROJECTIONS</b>												
<b>Series B-1:</b>												
1970.....	58,899	36,471	15,005	7,424	30,910	18,743	7,566	4,601	27,989	17,729	7,438	2,822
1975.....	61,858	36,088	16,310	9,459	32,714	18,592	8,262	5,860	29,144	17,496	8,048	3,599
1980.....	67,572	40,684	15,706	11,181	35,879	20,922	8,017	6,940	31,694	19,763	7,689	4,241
1985.....	76,867	47,675	17,345	11,846	40,680	24,519	8,815	7,346	36,187	23,157	8,530	4,501
<b>Series B-2:</b>												
1970.....	58,228	36,419	14,762	7,047	30,542	18,739	7,417	4,386	27,686	17,679	7,344	2,662
1975.....	60,433	35,965	15,903	8,565	31,923	18,555	8,022	5,346	28,510	17,410	7,882	3,219
1980.....	65,381	40,451	15,212	9,718	34,652	20,827	7,728	6,097	30,729	19,624	7,484	3,621
1985.....	74,040	47,361	16,751	9,927	39,100	24,392	8,466	6,242	34,940	22,969	8,285	3,686
<b>Series D-1:</b>												
1970.....	58,899	36,471	15,005	7,424	30,910	18,743	7,566	4,601	27,989	17,729	7,438	2,822
1975.....	59,428	33,659	16,310	9,459	31,473	17,351	8,262	5,860	27,955	16,308	8,048	3,599
1980.....	59,156	32,381	15,593	11,181	31,584	16,679	7,964	6,940	27,572	15,702	7,629	4,241
1985.....	61,498	35,632	14,278	11,588	32,812	18,335	7,274	7,203	28,686	17,299	7,003	4,385
<b>Series D-2:</b>												
1970.....	58,228	36,419	14,762	7,047	30,542	18,739	7,417	4,386	27,686	17,679	7,344	2,662
1975.....	58,041	33,573	15,903	8,564	30,702	17,333	8,022	5,346	27,339	16,239	7,882	3,219
1980.....	57,050	32,233	15,099	9,718	30,402	16,628	7,677	6,097	26,648	15,605	7,422	3,621
1985.....	58,880	35,404	13,781	9,695	31,344	18,243	6,985	6,115	27,536	17,160	6,796	3,580

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 66, 110, 161, and 162, and unpublished data.

## **No. 150. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1966**

In thousands of persons 5 to 34 years old, except percent. As of October. Elementary includes grades 1-8; high school, grades 9-12 and postgraduates. See headnote, table 151]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder-garten	Elementary school	High school	College or professional school	Kinder-garten	Elementary school	High school	College or professional school
<b>Total.....</b>	<b>2,708</b>	<b>32,916</b>	<b>13,364</b>	<b>6,085</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Public.....	2,239	28,208	11,985	4,178	82.7	85.7	89.7	68.7
Private.....	469	4,707	1,377	1,908	17.3	14.3	10.3	31.4

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and unpublished data.

No. 151. SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1960, AND 1966

[In thousands, except percent. As of October. 1950 excludes Alaska and Hawaii. Data relate to civilian non-institutional population and are based on Current Population Survey; see text, p. 1. Figures for children 5 and 6 years old enrolled in school include those enrolled in kindergarten. See also *Historical Statistics, Colonial Times to 1957*, series II 383-394]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
1950									
Total, 5 to 34.....	68,570	130,276	144.2	33,355	115,834	147.5	35,215	114,442	141.0
5 years.....	2,726	1,410	51.7	1,390	717	51.6	1,336	693	51.9
6 years.....	2,731	2,649	97.0	1,390	1,336	96.1	1,341	1,313	97.9
7 to 9 years.....	7,891	7,803	98.9	4,012	3,963	98.8	3,879	3,840	99.0
10 to 13 years.....	8,982	8,852	98.6	4,565	4,506	98.7	4,417	4,346	98.4
14 to 17 years.....	8,351	6,953	83.3	4,200	3,541	84.3	4,151	3,412	82.2
18 and 19 years.....	4,041	1,190	29.4	1,893	667	35.2	2,148	523	24.3
20 to 24 years.....	10,677	959	9.0	4,873	692	14.2	5,804	267	4.6
25 to 29 years.....	11,861	358	3.0	5,623	332	5.9	6,238	26	0.4
30 to 34 years.....	11,310	1100	10.9	5,409	179	11.5	5,901	121	10.4
1960									
Total, 5 to 34.....	82,049	46,259	56.4	40,372	24,234	60.0	41,677	22,025	52.8
5 years.....	4,023	2,561	63.7	2,055	1,317	64.1	1,968	1,244	63.2
6 years.....	3,956	3,877	98.0	2,020	1,975	97.8	1,936	1,902	98.2
7 to 9 years.....	11,325	11,281	99.6	5,780	5,759	99.6	5,545	5,522	99.6
10 to 13 years.....	14,419	14,340	99.5	7,362	7,315	99.4	7,057	7,025	99.5
14 to 17 years.....	11,341	10,242	90.3	5,744	5,248	91.4	5,597	4,994	89.2
18 and 19 years.....	4,733	1,817	38.4	2,221	1,063	47.8	2,512	754	30.0
20 to 24 years.....	10,330	1,350	13.1	4,710	936	19.9	5,620	414	7.4
25 to 29 years.....	10,423	514	4.9	4,960	415	8.4	5,463	99	1.8
30 to 34 years.....	11,499	278	2.4	5,520	206	3.7	5,979	72	1.2
1966									
Total, 5 to 34.....	91,820	55,070	60.0	44,853	28,733	64.1	46,967	26,337	56.1
5 years.....	4,243	3,087	72.8	2,165	1,548	71.5	2,078	1,539	74.1
6 years.....	4,167	4,069	97.6	2,120	2,071	97.7	2,047	1,998	97.6
7 to 9 years.....	12,367	12,283	99.3	6,279	6,229	99.2	6,088	6,054	99.4
10 to 13 years.....	15,721	15,612	99.3	7,979	7,910	99.1	7,742	7,702	99.5
14 to 17 years.....	14,191	13,293	93.7	7,168	6,770	94.4	7,023	6,523	92.9
18 and 19 years.....	6,724	3,176	47.2	3,187	1,841	57.8	3,537	1,335	37.7
20 to 24 years.....	12,789	2,547	19.9	5,704	1,667	29.2	7,085	880	12.4
25 to 29 years.....	11,136	720	6.5	5,266	506	9.6	5,870	214	3.6
30 to 34 years.....	10,482	283	2.7	4,985	191	3.8	5,497	92	1.7

<sup>1</sup> Estimated.

No. 152. PERCENT ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1960 AND 1966

[As of October. See headnote, table 151]

AGE	1960						1966					
	Total		Male		Female		Total		Male		Female	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
Total, 5 to 34 ..	56.4	55.9	60.3	58.3	52.7	53.7	59.9	60.5	64.1	63.8	55.9	57.4
5 and 6 years.....	82.0	73.3	82.3	71.8	81.6	74.9	85.7	81.6	85.0	81.2	86.4	82.0
7 to 13 years.....	99.6	99.1	99.6	99.0	99.6	99.2	99.3	99.3	99.2	99.2	99.5	99.5
14 to 17 years.....	90.8	86.8	91.7	88.5	89.8	85.2	94.0	91.6	94.7	92.9	93.3	90.3
18 and 19 years.....	38.9	34.6	49.5	36.9	29.7	32.2	48.2	40.0	59.0	49.1	38.6	31.9
20 to 24 years.....	13.9	7.5	21.5	9.4	7.6	5.9	21.3	10.2	31.6	12.3	12.9	8.6
25 to 29 years.....	5.2	2.9	8.9	3.9	1.8	2.1	6.9	3.1	10.3	4.4	3.9	2.1
30 to 34 years.....	2.6	1.0	4.0	1.0	1.2	1.0	2.7	2.8	3.8	4.2	1.7	1.7

Source of tables 151 and 152: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and unpublished data.



**No. 153. SCHOOL ENROLLMENT, BY COLOR, LEVEL OF SCHOOL, AGE, AND SEX: 1966**  
 [In thousands. As of October. Elementary includes grades 1-8; high school, grades 9-12 and postgraduates.  
 See headnote, table 151]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elementary school or kindergarten	High school	College or professional school	Total enrolled	Elementary school or kindergarten	High school	College or professional school
<b>Total, 5 to 34 years</b>	<b>47,715</b>	<b>30,365</b>	<b>11,644</b>	<b>5,708</b>	<b>7,355</b>	<b>5,257</b>	<b>1,721</b>	<b>378</b>
5 to 13 years	30,019	29,580	439	-	5,031	4,981	50	-
14 to 17 years	11,538	767	10,538	233	1,757	266	1,470	21
18 to 24 years	5,233	14	612	4,606	492	6	193	293
25 to 34 years	928	4	55	869	76	4	8	64
<b>Male, 5 to 34 years</b>	<b>25,017</b>	<b>15,543</b>	<b>5,940</b>	<b>3,536</b>	<b>3,716</b>	<b>2,654</b>	<b>851</b>	<b>213</b>
5 to 13 years	15,251	15,069	182	-	2,507	2,491	16	-
14 to 17 years	5,888	470	5,325	93	884	159	713	12
18 to 24 years	3,231	2	407	2,822	278	2	122	154
25 to 34 years	649	2	26	621	49	2	-	47
<b>Female, 5 to 34 years</b>	<b>22,698</b>	<b>14,822</b>	<b>5,704</b>	<b>2,172</b>	<b>3,639</b>	<b>2,603</b>	<b>870</b>	<b>165</b>
5 to 13 years	14,768	14,511	257	-	2,524	2,490	34	-
14 to 17 years	5,650	297	5,213	140	873	107	757	9
18 to 24 years	2,002	12	205	1,784	214	4	71	139
25 to 34 years	279	2	29	248	27	2	8	17

- Represents zero.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

**No. 154. YEARS OF SCHOOL COMPLETED, BY SEX: 1962, 1966, AND PROJECTIONS TO 1985**

[In thousands of persons 25 years old and over. Excluding Armed Forces in barracks. Population for 1962 and 1966 as of March 1; other years as of July 1. Projections are based on the age-grade specific attainment ratios from the 1964, 1965, and 1966 Current Population Survey. The projections assume declines in the proportions of the population aged 25 to 29 terminating their education at a given level, some further attainment by ages 30 to 34, and a continuation of past attainment ratios for older age cohorts. Series A assumes lower rates of termination than indicated by the trends from 1958 to 1965; Series B assumes higher rates of termination. Figures based on projections of population as published in Series P-25, No. 359]

DATE AND SEX	Persons 25 years old and over	YEARS OF SCHOOL COMPLETED							
		None	Elementary school			High school		College	
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
<b>Total:</b>									
1962	100,664	2,111	5,715	11,736	16,702	17,751	28,477	9,170	9,002
1966	103,876	1,810	4,895	10,839	15,639	18,859	32,391	9,235	10,212
1970—Series A	109,312	1,463	4,487	10,092	14,552	19,869	36,764	10,478	11,607
Series B	109,312	1,464	4,492	10,105	14,570	19,884	36,813	10,453	11,532
1975—Series A	118,039	1,171	3,810	8,992	13,014	21,145	43,366	12,287	14,253
Series B	118,039	1,175	3,824	9,026	13,065	21,335	43,748	12,134	13,732
1980—Series A	128,252	951	3,213	7,858	11,416	22,198	50,660	14,380	17,575
Series B	128,252	957	3,234	7,919	11,510	22,597	51,569	14,064	16,401
1985—Series A	139,636	805	2,711	6,748	9,832	22,960	58,363	16,693	21,523
Series B	139,636	811	2,738	6,834	9,972	23,636	60,092	16,167	19,386
<b>Male:</b>									
1962	48,283	1,069	3,144	5,878	8,049	8,399	11,932	4,315	5,497
1966	49,410	879	2,735	5,297	7,695	8,611	13,672	4,342	6,180
1970—Series A	51,879	721	2,452	4,888	7,024	9,109	15,636	5,018	7,030
Series B	51,879	721	2,454	4,896	7,033	9,135	15,679	5,002	6,958
1975—Series A	55,898	566	2,074	4,289	6,196	9,653	18,719	5,881	8,521
Series B	55,898	568	2,082	4,307	6,221	9,743	18,895	5,825	8,259
1980—Series A	60,746	457	1,746	3,695	5,362	10,082	22,242	6,844	10,319
Series B	60,746	458	1,761	3,727	5,410	10,269	22,669	6,724	9,729
1985—Series A	66,240	384	1,465	3,131	4,558	10,363	26,093	7,881	12,364
Series B	66,240	386	1,488	3,176	4,628	10,679	26,921	7,670	11,293
<b>Female:</b>									
1962	52,381	1,042	2,571	5,858	8,653	9,352	16,545	4,855	3,505
1966	54,467	931	2,159	5,543	7,945	10,246	18,719	4,892	4,032
1970—Series A	57,433	742	2,035	5,204	7,528	10,760	21,127	5,460	4,576
Series B	57,433	743	2,037	5,210	7,537	10,748	21,134	5,450	4,574
1975—Series A	62,141	605	1,737	4,703	6,818	11,492	24,647	6,407	5,732
Series B	62,141	608	1,742	4,719	6,844	11,592	24,853	6,309	5,473
1980—Series A	67,505	495	1,467	4,163	6,053	12,116	28,418	7,536	7,257
Series B	67,505	499	1,473	4,192	6,101	12,327	28,900	7,340	6,673
1985—Series A	73,395	421	1,245	3,617	5,274	12,597	32,270	8,812	9,159
Series B	73,395	425	1,251	3,658	5,344	12,957	33,171	8,497	8,092

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 77, 121, and 158.

No. 155. YEARS OF SCHOOL COMPLETED, BY COLOR AND SEX: 1940 TO 1960

[In thousands of persons 25 years old and over, except percent and median. As of April. Prior to 1960, excludes Alaska and Hawaii. 1950 statistics are estimates based on 20-percent sample of persons; 1960, on 25-percent sample of households; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series H 395, for medians]

YEAR, COLOR, AND SEX	Persons 25 years old and over <sup>1</sup>	YEARS OF SCHOOL COMPLETED							Median school years com- pleted <sup>3</sup>
		Elementary school			High school		College		
		Less than 5 years <sup>2</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
1940	74,776	10,105	13,656	20,757	11,182	10,552	4,075	3,407	8.6
Percent	100.0	13.5	18.3	27.8	15.0	14.1	5.4	4.6	(X)
Male	37,463	5,550	7,008	10,631	5,333	4,507	1,824	2,021	8.6
Female	37,313	4,554	6,648	10,125	5,849	6,044	2,251	1,386	8.7
White	68,000	7,322	11,662	19,967	10,604	10,255	3,949	3,320	8.7
Percent	100.0	10.8	17.2	29.4	15.6	15.1	5.8	4.9	(X)
Male	34,114	4,035	6,086	10,258	5,090	4,381	1,770	1,975	8.7
Female	33,886	3,287	5,576	9,708	5,514	5,874	2,179	1,344	8.8
Nonwhite	6,776	2,782	1,994	790	578	296	127	88	5.8
Percent	100.0	41.1	29.4	11.7	8.5	4.4	1.9	1.3	(X)
Male	3,349	1,516	922	373	243	126	54	46	5.4
Female	3,427	1,267	1,072	417	335	170	72	42	6.2
1950	87,483	9,446	13,911	17,706	14,801	17,664	6,259	5,285	9.3
Percent	100.0	10.8	15.9	20.2	16.9	20.2	7.2	6.0	(X)
Male	42,628	5,053	6,994	8,822	6,976	7,511	2,903	3,027	9.0
Female	44,855	4,393	6,917	8,884	7,824	10,153	3,356	2,258	9.6
White	79,339	6,884	11,692	16,770	13,738	17,005	6,020	5,108	9.7
Percent	100.0	8.7	14.7	21.1	17.3	21.4	7.6	6.4	(X)
Male	38,684	3,659	5,970	8,396	6,519	7,227	2,793	2,946	9.3
Female	40,655	3,225	5,722	8,374	7,219	9,778	3,227	2,162	10.1
Nonwhite	8,145	2,562	2,219	936	1,062	659	239	177	6.8
Percent	100.0	31.5	27.2	11.5	13.0	8.1	2.9	2.2	(X)
Male	3,945	1,394	1,024	426	458	284	110	81	6.4
Female	4,200	1,168	1,195	510	605	375	129	96	7.2
1960	99,438	8,303	13,754	17,443	19,116	24,455	8,742	7,625	10.6
Percent	100.0	8.3	13.8	17.5	19.2	24.6	8.8	7.7	(X)
Male	47,931	4,506	7,019	8,516	8,973	10,154	4,123	4,639	10.3
Female	51,508	3,796	6,735	8,927	10,143	14,301	4,619	2,986	10.7
White	89,581	5,989	11,451	16,179	17,274	23,100	8,311	7,278	10.9
Percent	100.0	6.7	12.8	18.1	19.3	25.8	9.3	8.1	(X)
Male	43,259	3,212	5,946	7,942	8,177	9,588	3,918	4,476	10.7
Female	46,322	2,776	5,505	8,237	9,097	13,512	4,393	2,802	11.2
Nonwhite	9,857	2,314	2,303	1,264	1,842	1,356	431	347	8.2
Percent	100.0	23.5	23.4	12.8	18.7	13.8	4.4	3.5	(X)
Male	4,672	1,294	1,073	574	796	566	205	163	7.9
Female	5,185	1,020	1,229	689	1,046	789	227	184	8.5

X Not applicable.  
<sup>1</sup> For 1940 and 1950, includes persons not reporting years of school completed, not shown separately here; for 1960, such persons were assigned values for that item, as explained in source.  
<sup>2</sup> Includes persons reporting no school years completed. <sup>3</sup> For definition of median, see headnote, table 8.  
Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1, and *1960*, Vol. I, Chapter C.

No. 156. YEARS OF SCHOOL COMPLETED, BY RACE AND SEX: 1966

[Persons 25 years old and over. As of March. Based on Current Population Survey; see text, p. 1]

RACE AND SEX	Persons 25 years old and over (1,000)	YEARS OF SCHOOL COMPLETED (percent distribution)							Median school years com- pleted <sup>2</sup>
		Elementary school			High school		College		
		Less than 5 years <sup>1</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
Total, all races -----	103,876	6.5	10.4	15.1	18.2	31.2	8.9	9.8	12.
Male -----	49,410	7.3	10.7	15.6	17.4	27.7	8.8	12.5	11.
Female -----	54,467	5.7	10.2	14.6	18.8	34.4	9.0	7.4	12.
White -----	93,416	5.2	9.6	15.4	17.7	32.5	9.3	10.4	12.
Male -----	44,537	5.7	10.1	15.8	17.1	28.8	9.2	13.3	12.
Female -----	48,879	4.7	9.1	14.9	18.2	35.9	9.4	7.7	12.
Negro -----	9,612	18.2	18.7	12.5	22.7	18.9	5.1	3.8	9.
Male -----	4,444	23.2	17.2	13.4	20.4	17.2	4.7	3.9	8.
Female -----	5,168	14.1	20.1	11.7	24.7	20.3	5.4	3.7	9.

<sup>1</sup> Includes persons reporting no school years completed. <sup>2</sup> For definition of median, see headnote, table 8.  
Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 158 and unpublished data.



# Years of School Completed

115

## No. 157. YEARS OF SCHOOL COMPLETED—STATES AND PUERTO RICO: 1960

[In thousands of persons 25 years old and over, except medians. Based on 25-percent sample; see source for sampling variability. For definition of median, see headnote, table 8]

STATE OR OTHER AREA	Per- sons 25 years old and over	YEARS OF SCHOOL COMPLETED							MEDIAN SCHOOL YEARS COMPLETED <sup>1</sup>				
		Elementary school			High school		College		All classes			White	Non-white
		Less than 5 years <sup>1</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Total	Male	Fe- male		
U.S.-----	99, 438	8, 303	13, 754	17, 443	19, 116	24, 455	8, 742	7, 625	10.6	10.3	10.9	10.9	8.2
N.E.-----	6, 083	359	726	1, 076	1, 212	1, 659	543	508	11.2	10.9	11.5	11.2	9.8
Maine-----	534	25	59	110	109	156	46	29	11.0	10.5	11.5	11.0	10.7
N.H.-----	345	15	41	76	65	94	30	25	10.9	10.5	11.3	10.9	11.7
Vt.-----	213	8	23	51	40	55	20	16	10.9	10.0	11.6	10.9	10.5
Mass.-----	3, 011	180	342	468	604	869	282	265	11.6	11.3	11.8	11.6	10.3
R.I.-----	498	37	81	93	113	109	33	33	10.0	10.0	10.0	10.0	9.5
Conn.-----	1, 482	93	180	278	281	377	131	141	11.0	10.8	11.3	11.1	9.1
M.A.-----	20, 330	1, 489	2, 645	3, 918	4, 156	5, 003	1, 489	1, 630	10.5	10.4	10.6	10.7	9.1
N.Y.-----	10, 124	785	1, 184	1, 907	2, 111	2, 431	804	902	10.7	10.6	10.7	10.8	9.4
N.J.-----	3, 600	251	489	661	734	885	277	303	10.6	10.6	10.7	10.8	8.8
Pa.-----	6, 606	453	972	1, 350	1, 311	1, 687	407	425	10.2	10.0	10.4	10.3	8.9
E.N.C.-----	20, 128	1, 141	2, 420	4, 192	4, 081	5, 273	1, 632	1, 390	10.7	10.4	10.9	10.9	9.0
Ohio-----	5, 378	292	661	1, 025	1, 144	1, 469	412	375	10.9	10.6	11.1	11.0	9.1
Ind.-----	2, 550	124	309	534	517	716	190	160	10.8	10.5	11.0	10.9	9.0
Ill.-----	5, 808	365	683	1, 272	1, 141	1, 421	502	425	10.5	10.4	10.6	10.7	9.0
Mich.-----	4, 217	244	494	818	938	1, 097	341	286	10.8	10.4	11.1	11.0	9.1
Wis.-----	2, 175	115	272	543	342	570	188	145	10.4	9.8	10.9	10.4	9.0
W.N.C.-----	8, 569	404	975	2, 138	1, 376	2, 267	826	583	10.7	10.0	11.3	10.8	8.9
Minn.-----	1, 845	74	195	486	279	480	192	138	10.8	9.9	11.6	10.8	9.9
Iowa-----	1, 541	46	164	374	243	467	148	99	11.3	10.4	12.0	11.3	9.5
Mo.-----	2, 493	176	359	624	422	563	194	155	9.6	9.3	9.9	9.8	8.7
N. Dak.-----	324	19	40	99	40	71	37	18	9.3	8.9	10.8	9.3	8.4
S. Dak.-----	360	15	35	107	51	90	41	21	10.4	9.0	11.6	10.5	8.6
Nebr.-----	791	29	68	183	134	240	84	54	11.6	10.9	12.0	11.7	9.6
Kans.-----	1, 216	45	114	265	206	356	131	99	11.7	11.2	12.0	11.8	9.6
S.A.-----	13, 785	1, 790	2, 787	1, 662	2, 501	2, 885	1, 114	1, 046	9.8	9.3	10.2	10.7	7.1
Del.-----	246	16	32	38	53	61	20	25	11.1	10.8	11.3	11.6	8.4
Md.-----	1, 693	130	331	233	322	385	135	157	10.4	10.2	10.6	11.0	8.1
D.C.-----	461	33	65	54	89	101	54	66	11.7	11.3	11.9	12.4	9.8
Va.-----	2, 083	274	482	178	359	432	183	175	9.9	9.2	10.5	10.8	7.2
W. Va.-----	1, 000	110	195	235	155	191	62	52	8.8	8.7	8.9	8.8	8.4
N.C.-----	2, 307	380	576	215	392	436	163	145	8.9	8.5	9.5	9.8	7.0
S.C.-----	1, 136	231	262	102	196	193	74	78	8.7	8.4	9.1	10.3	5.9
Ga.-----	2, 015	355	456	191	369	371	147	126	9.0	8.8	9.3	10.3	6.1
Fla.-----	2, 845	261	389	417	568	714	276	222	10.9	10.6	11.1	11.6	7.0
E.S.C.-----	6, 257	978	1, 269	1, 070	1, 091	1, 109	401	338	8.8	8.6	9.0	9.3	6.7
Ky.-----	1, 610	223	312	391	240	266	99	79	8.7	8.5	8.8	8.7	8.2
Tenn.-----	1, 912	282	384	353	312	348	128	105	8.8	8.6	9.0	9.0	7.5
Ala.-----	1, 670	273	370	180	340	310	101	95	9.1	8.9	9.3	10.2	6.5
Miss.-----	1, 065	201	202	146	199	184	73	59	8.9	8.6	9.3	11.0	6.0
W.S.C.-----	8, 934	1, 281	1, 557	1, 108	1, 664	1, 875	788	662	9.9	9.6	10.2	10.6	7.3
Ark.-----	964	148	183	174	180	172	60	46	8.9	8.7	9.1	9.5	6.5
La.-----	1, 639	349	339	162	260	310	110	110	8.8	8.6	9.0	10.5	6.0
Okla.-----	1, 300	112	193	232	237	298	126	102	10.4	10.1	10.7	10.7	8.6
Tex.-----	5, 031	672	842	540	987	1, 095	491	403	10.4	10.1	10.7	10.8	8.1
Mt.-----	3, 497	215	317	559	667	982	431	327	12.0	11.5	12.1	12.0	8.4
Mont.-----	356	15	33	77	61	100	43	27	11.6	10.7	12.1	11.7	8.7
Idaho-----	340	11	26	69	70	98	42	24	11.8	11.2	12.1	11.8	9.6
Wyo.-----	174	6	14	30	33	54	21	15	12.1	11.6	12.2	12.1	9.3
Colo.-----	941	44	82	158	168	272	116	101	12.1	11.9	12.1	12.1	11.2
N. Mex.-----	445	54	54	54	81	110	48	43	11.2	11.0	11.5	11.5	7.1
Ariz.-----	661	66	72	96	124	167	75	60	11.3	11.0	11.6	11.7	7.0
Utah-----	419	12	26	53	95	128	63	43	12.2	12.2	12.2	12.2	10.1
Nev.-----	160	6	11	22	35	51	21	13	12.1	12.0	12.2	12.2	8.8
Pac.-----	11, 856	647	1, 058	1, 720	2, 368	3, 403	1, 518	1, 142	12.0	11.9	12.1	12.1	10.3
Wash.-----	1, 577	54	131	271	308	482	184	147	12.1	11.8	12.1	12.1	10.5
Oreg.-----	996	33	88	191	202	286	112	84	11.8	11.2	12.1	11.8	9.9
Calif.-----	8, 869	505	795	1, 212	1, 788	2, 510	1, 186	873	12.1	12.0	12.1	12.1	10.5
Alaska-----	105	9	8	11	20	34	13	10	12.1	12.1	12.2	12.4	6.6
Hawaii-----	309	46	36	35	49	92	23	28	11.3	11.0	11.6	12.4	9.9
P. R.-----	<sup>2</sup> 925	505	151	60	67	69	37	33	4.6	4.8	4.3	(NA)	(NA)

NA Not available.

<sup>1</sup> Includes persons reporting no school years completed.

<sup>2</sup> Includes persons not reporting years of school completed, not shown separately here.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I, Chapter C.



No. 158. LEVEL OF SCHOOL COMPLETED, BY COLOR: 1947 TO 1966

[Persons 25 years old and over as of March of year indicated, except as noted. Based on Current Population Survey; includes inmates of institutions and members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces; see text, p. 1. For definition of median, see headnote, table 8]

AGE AND YEAR	TOTAL				NONWHITE			
	Years completed (percent distribution)			Median school years com- pleted	Years completed (percent distribution)			Median school years com- pleted
	Less than 5 years of elemen- tary school	4 years of high school or more	4 years of college or more		Less than 5 years of elemen- tary school	4 years of high school or more	4 years of college or more	
PERSONS 25 YEARS OLD AND OVER								
1947 <sup>1</sup> -----	10.6	33.1	5.4	9.0	32.2	13.6	2.5	6.9
1957-----	9.1	41.6	7.6	10.6	27.7	18.4	2.9	7.7
1962-----	7.8	46.3	8.9	11.4	22.1	24.8	4.0	8.6
1964-----	7.1	48.0	9.1	11.7	18.6	27.5	4.7	8.9
1965-----	6.8	49.0	9.4	11.8	18.4	28.6	5.5	9.0
1966-----	6.5	49.9	9.8	12.0	18.0	29.5	4.7	9.2
PERSONS 25 TO 29 YEARS OLD								
1947 <sup>1</sup> -----	4.3	51.4	5.6	12.0	19.2	22.3	2.8	8.4
1957-----	2.7	60.2	10.4	12.3	8.7	31.6	4.1	9.9
1962-----	2.4	65.9	13.1	12.4	6.1	41.6	4.2	11.2
1964-----	2.1	69.2	12.8	12.4	5.3	48.0	7.0	11.8
1965-----	2.0	70.3	12.4	12.4	4.8	52.2	8.3	12.1
1966-----	1.6	71.0	14.0	12.5	3.3	50.4	8.3	12.0

<sup>1</sup> As of April.

No. 159. YEARS OF SCHOOL COMPLETED, BY METROPOLITAN AND NONMETROPOLITAN RESIDENCE AND AGE: 1966

[Persons 14 years old and over as of March 1966. See headnote, table 158]

RESIDENCE AND AGE	Popula- tion (1,000)	YEARS OF SCHOOL COMPLETED (percent distribution)							Median school years com- pleted
		Elementary school			High school		College		
		Less than 5 years <sup>1</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
METROPOLITAN <sup>2</sup> Total, 14 and over...	89, 104	4.1	8.0	13.6	22.7	31.7	10.4	9.4	12.0
14 to 17 years.....	8, 765	0.8	12.7	27.2	58.3	1.0	0.1	-	9.5
18 and 19 years.....	4, 241	0.6	1.7	2.0	30.5	52.0	13.1	-	12.3
20 to 24 years.....	8, 550	1.0	1.8	3.5	16.1	44.4	24.4	8.8	12.6
25 years and over.....	67, 550	5.2	8.6	13.9	18.4	32.8	9.9	11.3	12.1
25 to 29 years.....	7, 476	1.0	2.9	4.2	17.9	44.9	13.6	15.3	12.5
30 to 34 years.....	7, 140	1.7	3.6	5.9	18.4	41.4	13.3	15.7	12.5
35 to 44 years.....	16, 147	2.3	5.4	8.0	20.2	39.7	10.6	13.7	12.4
45 to 54 years.....	14, 648	3.3	8.1	13.6	21.2	34.1	9.8	9.9	12.1
55 to 64 years.....	10, 912	5.8	12.6	22.7	18.0	23.5	8.3	9.1	10.5
65 years and over.....	11, 227	27.3	17.0	25.7	13.0	16.5	5.6	6.1	8.7
NONMETROPOLITAN Total, 14 and over...	48, 513	6.9	12.8	16.5	23.1	27.1	7.7	5.9	10.8
14 to 17 years.....	5, 420	1.3	17.3	25.9	54.5	1.0	0.1	-	9.3
18 and 19 years.....	2, 437	0.9	3.4	3.8	40.5	40.5	10.8	-	12.0
20 to 24 years.....	4, 326	1.5	3.9	5.3	19.4	42.9	20.3	6.7	12.5
25 years and over.....	36, 326	8.8	13.8	17.2	17.7	28.2	7.1	7.1	10.7
25 to 29 years.....	3, 720	2.8	5.4	6.4	20.2	44.4	9.6	11.3	12.3
30 to 34 years.....	3, 687	3.5	7.5	7.6	20.4	42.8	8.8	9.6	12.3
35 to 44 years.....	7, 978	5.3	10.0	12.5	19.3	37.3	7.2	8.3	12.1
45 to 54 years.....	7, 540	7.3	14.5	17.2	18.7	29.3	6.7	6.2	10.8
55 to 64 years.....	6, 247	11.2	18.4	22.5	17.9	16.9	6.6	6.6	8.9
65 years and over.....	7, 154	18.2	21.0	28.5	12.0	10.7	5.7	3.9	8.4

- Represents zero. <sup>1</sup> Includes persons reporting no school years completed.

<sup>2</sup> Covers 212 standard metropolitan statistical areas as defined in 1960; see text, p. 2.

Source of tables 158 and 159: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 158.

**No. 160. LIFETIME AND MEAN INCOME IN 1949 TO 1965 OF MALES 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED**

[Prior to 1961, excludes Alaska and Hawaii. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Figures for lifetime income based on application of appropriate life tables to arithmetic mean income, by age, as obtained for a cross section of population in each year shown. Figures for mean income for 1949 based on Census of Population data; thereafter, on Current Population Survey; see text, p. 1]

YEARS OF SCHOOL COMPLETED	LIFETIME INCOME (\$1,000)				ANNUAL MEAN INCOME			
	1949	1956	1961	1965	1949	1956	1961	1965
Elementary:								
Less than 8 years.....	91	122	142	159	\$2,062	\$2,574	\$2,998	\$3,283
8 years.....	123	166	192	216	2,829	3,631	4,206	4,663
High school:								
1 to 3 years.....	142	189	223	252	3,226	4,367	5,161	5,905
4 years.....	175	228	257	297	3,784	5,183	5,946	6,899
College:								
1 to 3 years.....	202	268	325	353	4,423	5,997	7,348	8,133
4 years or more.....	287	359	437	482	6,179	7,877	9,817	10,823

Source: 1949, American Economic Association, *The American Economic Review*, December 1960; thereafter, Dept. of Commerce, Bureau of the Census, unpublished data.

**No. 161. TOTAL MONEY INCOME IN 1965, BY YEARS OF SCHOOL COMPLETED AND SEX**

[Persons 25 years old and over as of March 1966. Based on Current Population Survey; includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces and inmates of institutions; see text, p. 1. For definition of median, see headnote, table 8]

MONEY INCOME AND SEX	Persons 25 years old and over	YEARS OF SCHOOL COMPLETED						
		Elementary school		High school		College		
		Less than 8 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years	5 years or more
MALE								
Number.....1,000.....	48,514	8,570	7,515	8,452	13,544	4,313	3,576	2,544
Number with income.....1,000.....	47,990	8,394	7,414	8,365	13,466	4,282	3,562	2,507
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$1,999 or loss.....	15.8	40.2	22.9	11.2	7.0	7.8	5.7	5.3
\$2,000 to \$3,999.....	18.0	29.2	24.6	18.4	13.4	11.6	7.4	9.9
\$4,000 to \$6,999.....	31.6	22.3	33.8	40.4	37.3	27.8	21.6	16.9
\$7,000 to \$9,999.....	20.8	6.5	14.0	21.4	28.9	29.7	25.5	20.3
\$10,000 to \$14,999.....	9.7	1.5	3.6	6.6	11.0	16.3	25.3	24.9
\$15,000 and over.....	4.2	0.4	1.1	1.8	2.6	6.9	14.6	22.7
Median income.....	\$5,598	\$2,576	\$4,210	\$5,534	\$6,458	\$7,222	\$8,748	\$9,613
FEMALE								
Number.....1,000.....	53,717	8,402	7,689	10,151	18,597	4,851	2,896	1,131
Number with income.....1,000.....	32,976	5,726	4,757	5,992	10,679	2,909	1,960	953
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$1,999 or loss.....	53.5	81.2	66.4	54.0	42.0	42.7	32.3	22.9
\$2,000 to \$3,999.....	24.4	14.8	23.3	30.8	30.0	22.7	14.1	12.7
\$4,000 to \$6,999.....	17.5	3.3	9.0	13.3	23.7	26.5	39.2	29.8
\$7,000 to \$9,999.....	3.7	0.5	0.9	1.6	3.5	7.5	11.3	25.3
\$10,000 to \$14,999.....	0.7	—	0.3	0.2	0.6	1.0	2.1	7.0
\$15,000 and over.....	0.3	—	0.1	0.1	0.2	0.7	0.9	2.3
Median income.....	\$1,828	\$907	\$1,388	\$1,825	\$2,544	\$2,676	\$4,293	\$5,670

- Rounds to zero.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

No. 162. SCHOOL RETENTION RATES—FIFTH GRADE THROUGH COLLEGE ENTRANCE:  
1926-1934 TO 1959-1967

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools, and are adjusted to include estimates for nonpublic schools. Rates for first-time college enrollment are based on data supplied by institutions of higher education]

YEAR OF ENTRANCE INTO 5TH GRADE	RETENTION PER 1,000 PUPILS WHO ENTERED 5TH GRADE								High school grad- uates	Year of high school grad- uation	First- time college students
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1926-----	1,000	919	824	754	677	552	453	400	333	1934	129
1928-----	1,000	939	847	805	736	624	498	432	378	1936	137
1930-----	1,000	943	872	824	770	652	529	463	417	1938	148
1932-----	1,000	935	889	831	786	664	570	510	455	1940	160
1934-----	1,000	953	892	842	803	711	610	512	467	1942	129
1936-----	1,000	954	895	849	839	704	554	425	393	1944	121
1938-----	1,000	955	908	853	796	655	532	444	419	1946	(1)
1940-----	1,000	968	910	836	781	697	566	507	481	1948	(1)
1942-----	1,000	954	909	847	807	713	604	539	505	1950	205
1944-----	1,000	952	929	858	848	748	650	549	522	1952	234
1946-----	1,000	954	945	919	872	775	641	583	553	1954	283
1948-----	1,000	984	956	929	863	795	706	619	581	1956	301
1950-----	1,000	981	968	921	886	809	709	632	582	1958	308
1952-----	1,000	974	965	936	904	835	746	667	621	1960	328
1954-----	1,000	980	979	948	915	855	759	684	642	1962	343
1956-----	1,000	985	984	948	930	871	790	728	676	1964	362
1958 (prel.)--	1,000	985	978	960	940	906	838	782	717	1966	394
1959 (prel.)--	1,000	990	983	976	966	928	853	785	721	1967	400

<sup>1</sup> Not calculated because of the influx of veterans in institutions of higher education.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1966, and unpublished data.

No. 163. ILLITERACY—AGE, COLOR, AND SEX: 1947 AND 1959

[In thousands of persons 14 years old and over, except percent. As of October 1947 and March 1959. Excludes Alaska and Hawaii. Relates to civilian noninstitutional population based on Current Population Survey; see text, p. 1. Persons unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained in 1959 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. See also *Historical Statistics, Colonial Times to 1957*, series H 407-411]

AGE AND SEX	1947					1959				
	Popu- lation	Illiterate		Percent illit- erate by color		Popu- lation	Illiterate		Percent illit- erate by color	
		Num- ber	Per- cent	White	Non- white		Num- ber	Per- cent	White	Non- white
<b>Total, 14 and over</b> -----	106,428	2,838	2.7	1.8	11.0	121,373	2,619	2.2	1.6	7.5
14 to 24 years-----	24,257	232	1.0	0.6	4.4	25,118	144	0.6	0.5	1.2
25 to 34 years-----	22,481	310	1.4	0.8	7.2	22,700	252	1.1	0.7	4.2
35 to 44 years-----	19,898	420	2.1	1.3	9.7	23,443	323	1.4	0.9	6.1
45 to 54 years-----	16,625	506	3.0	2.0	13.8	20,135	442	2.2	1.3	10.2
55 to 64 years-----	12,652	662	5.2	4.2	19.1	15,070	487	3.2	2.3	13.0
65 years and over-----	10,515	709	6.7	4.9	32.4	14,907	971	6.5	5.1	25.5
<b>Male, 14 and over</b> -----	51,733	1,557	3.0	1.9	14.2	58,378	1,480	2.5	1.7	9.8
14 to 24 years-----	11,706	158	1.3	(NA)	(NA)	12,063	100	0.8	0.7	1.7
25 to 34 years-----	10,726	192	1.8	(NA)	(NA)	11,070	149	1.3	0.9	5.1
35 to 44 years-----	9,717	262	2.7	(NA)	(NA)	11,416	214	1.9	1.1	9.1
45 to 54 years-----	8,235	281	3.4	(NA)	(NA)	9,827	283	2.9	1.6	15.0
55 to 64 years-----	6,344	318	5.0	(NA)	(NA)	7,232	265	3.7	2.5	16.5
65 years and over-----	5,005	348	7.0	(NA)	(NA)	6,770	469	6.9	5.3	28.3
<b>Female, 14 and over</b> -----	54,693	1,280	2.3	1.7	8.2	62,995	1,139	1.8	1.4	5.4
14 to 24 years-----	12,550	74	0.6	(NA)	(NA)	13,055	44	0.3	0.3	0.7
25 to 34 years-----	11,754	118	1.0	(NA)	(NA)	11,630	103	0.9	0.6	3.4
35 to 44 years-----	10,181	158	1.6	(NA)	(NA)	12,027	109	0.9	0.6	3.5
45 to 54 years-----	8,390	225	2.7	(NA)	(NA)	10,308	159	1.5	1.1	5.8
55 to 64 years-----	6,308	344	5.5	(NA)	(NA)	7,838	222	2.8	2.2	9.6
65 years and over-----	5,510	361	6.6	(NA)	(NA)	8,137	502	6.2	5.0	23.0

NA Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 45 and 99.



**No. 164. HIGH SCHOOL GRADUATES AND SCHOOL DROPOUTS, 1965 AND 1966, BY EMPLOYMENT STATUS AND OCCUPATION GROUP, 1966**

[Number in thousands of persons 16 to 24 years old. As of October. Data for high school graduates relate to those not enrolled in college; data for dropouts to persons not in regular school and not high school graduates. Based on a sample and subject to sampling variability]

ITEM	HIGH SCHOOL GRADUATES			DROPOUTS		
	Total	Graduated in—		Total	Last attended school in—	
		1965	1966		1965	1966 <sup>1</sup>
EMPLOYMENT STATUS						
Civilian noninstitutional population.....	2,458	1,155	1,303	760	494	266
Labor force.....	1,893	907	986	464	292	172
Percent of population.....	77.0	78.5	75.7	61.1	59.1	64.7
Employed.....	1,660	814	846	374	233	141
Male.....	721	324	397	257	156	101
Female.....	939	490	449	117	77	40
Unemployed.....	233	93	140	90	59	31
Percent of labor force.....	12.3	10.3	14.2	19.4	20.2	18.0
OCCUPATION GROUP OF EMPLOYED (percent)						
Male.....	100.0	100.0	100.0	100.0	100.0	100.0
Clerical and kindred workers.....	11.8	9.6	13.6	3.5	1.3	6.9
Sales workers.....	4.4	6.2	3.0	1.6	—	4.0
Craftsmen, foremen, and kindred workers.....	11.4	12.1	10.8	8.9	9.0	8.9
Operatives and kindred workers.....	36.5	37.2	35.9	41.6	42.9	39.6
Service workers, incl. private household.....	4.0	2.5	5.3	8.2	9.0	6.9
Farm laborers and foremen.....	4.9	5.9	4.0	12.8	9.0	18.8
Laborers, except farm and mine.....	20.5	18.0	22.6	21.0	26.3	12.9
Other.....	6.5	8.7	4.8	2.3	2.6	2.0
Female.....	100.0	100.0	100.0	100.0	(B)	(B)
Clerical and kindred workers.....	59.7	59.6	59.8	16.8	(B)	(B)
Sales workers.....	5.4	6.5	4.2	6.7	(B)	(B)
Operatives and kindred workers.....	12.8	11.0	14.7	29.4	(B)	(B)
Service workers, incl. private household.....	15.4	16.1	14.7	41.2	(B)	(B)
Other.....	6.7	6.7	6.7	5.9	(B)	—

- Represents zero. B Percent not shown where base is less than 100,000.

<sup>1</sup> Includes dropouts between January and time of survey.

**No. 165. EMPLOYED HIGH SCHOOL GRADUATES AND SCHOOL DROPOUTS—MAJOR OCCUPATION GROUP, BY COLOR: 1966**

[Percent distribution of persons 16 to 21 years old. Excludes Armed Forces and inmates of institutions. As of October. Data for high school graduates relate to those not enrolled in college; data for dropouts to persons who completed 3 years of high school or less. Based on a sample and subject to sampling variability]

MAJOR OCCUPATION GROUP	GRADUATES			DROPOUTS		
	Total	White	Nonwhite	Total	White	Nonwhite
All occupation groups.....1,000..	3,455	3,116	339	1,548	1,230	318
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers...	6.5	6.9	2.5	0.7	0.9	-
Farmers and farm managers.....	0.5	0.5	0.6	0.6	0.6	0.6
Managers, officials, and proprietors, except farm.....	1.3	1.4	-	1.3	1.6	-
Clerical and kindred workers.....	41.3	42.7	28.1	6.5	5.6	9.8
Sales workers.....	4.4	4.7	1.5	2.0	1.7	3.2
Craftsmen, foremen, and kindred workers.....	5.8	5.7	7.1	8.2	8.8	5.7
Operatives and kindred workers.....	21.2	20.8	25.3	38.8	42.8	24.0
Private household workers.....	1.2	0.9	4.0	4.5	4.3	5.0
Service workers, except private household.....	9.5	8.6	17.3	14.4	12.8	20.8
Farm laborers and foremen.....	1.8	2.0	0.6	8.8	7.7	12.9
Laborers, except farm and mine.....	6.3	5.6	13.0	14.3	13.3	18.0

- Represents zero.

Source of tables 164 and 165: Dept. of Labor, Bureau of Labor Statistics; *Employment of High School Graduates and Dropouts in 1966*, Special Labor Force Report, No. 85.

## No. 166. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1900 TO 1964

[Revenue and expenditure data for years ending June 30. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series D 728, H 223-231, H 234-240, and H 246-261]

ITEM	1900	1920	1940	1950	1958	1960	1962	1964
<b>ENROLLMENT (day schools only)</b>								
Total population <sup>1</sup> -----1,000--	75, 995	104, 512	130, 880	148, 665	170, 295	179, 323	183, 043	188, 616
Population 5-17 years <sup>1</sup> -----1,000--	21, 573	27, 556	30, 150	30, 168	40, 164	43, 881	45, 280	48, 005
Percent of total population-----	28. 4	26. 4	23. 0	20. 3	23. 6	24. 5	24. 7	25. 5
Pupils enrolled-----1,000--	15, 503	21, 578	25, 434	25, 111	33, 529	36, 087	38, 253	41, 025
Percent of total population-----	20. 4	20. 6	19. 4	16. 9	19. 7	20. 1	20. 9	21. 8
Percent of population 5-17-----	71. 9	78. 3	84. 4	83. 2	83. 5	82. 2	84. 5	85. 5
Average daily attendance-----1,000--	10, 633	16, 150	22, 042	22, 284	29, 722	32, 477	34, 682	37, 405
Percent of pupils enrolled-----	68. 6	74. 8	86. 7	88. 7	88. 6	90. 0	90. 7	91. 2
Average length of term in days-----	144. 3	161. 9	175. 0	177. 9	177. 6	178. 0	179. 1	179. 0
Average number of days attended per enrolled pupil-----	99. 0	121. 2	151. 7	157. 9	157. 4	160. 2	162. 3	163. 2
<b>INSTRUCTIONAL STAFF (day schools only)</b>								
<b>Total</b> -----1, 000--	(NA)	678	912	962	1, 333	1, 464	1, 588	1, 717
Classroom teachers <sup>2</sup> -----1,000--	423	657	875	914	1, 261	1, 387	1, 504	1, 625
Male <sup>3</sup> -----1,000--	127	93	195	195	340	402	451	506
Percent <sup>3</sup> -----	29. 9	14. 1	22. 2	21. 3	27. 0	29. 0	30. 0	31. 1
Female <sup>3</sup> -----1,000--	296	565	681	719	921	985	1, 053	1, 119
Principals-----1,000--	(NA)	14	32	39	59	64	67	73
Supervisors-----1,000--	(NA)	7	5	9	14	14	16	19
<b>REVENUE</b>								
<b>Total</b> -----mil. dol--	220	970	2, 261	5, 437	12, 182	14, 747	17, 528	20, 544
Federal-----mil. dol--	(NA)	2	40	156	487	652	761	897
State-----mil. dol--	(NA)	160	684	2, 166	4, 800	5, 768	6, 789	8, 078
Local (incl. intermediate)-----mil. dol--	(NA)	808	1, 537	3, 115	6, 895	8, 327	9, 978	11, 569
<b>EXPENDITURE</b>								
<b>Total</b> -----mil. dol--	215	1, 036	2, 344	5, 838	13, 569	15, 613	18, 373	21, 325
Current expenditure for day schools <sup>4</sup> -----mil. dol--	180	861	1, 942	4, 687	10, 252	12, 329	14, 729	17, 218
Other current expenditure <sup>5</sup> -----mil. dol--	-	3	13	36	123	133	194	428
Capital outlay-----mil. dol--	35	154	258	1, 014	2, 853	2, 662	2, 862	2, 978
Interest-----mil. dol--	-	18	131	101	342	490	588	701
<b>In current dollars:</b>								
Total expenditure:								
Per capita of total population-----dol--	2. 83	9. 91	17. 91	39. 27	79. 68	87. 07	100. 37	113. 04
Per pupil in average daily attendance in day schools <sup>6</sup> -----dol--	20	64	106	259	449	472	530	559
Current expenditure per pupil in average daily attendance in day schools <sup>7</sup> -----dol--	<sup>8</sup> 17	53	88	209	341	375	419	460
Salaries of total instructional staff-----mil. dol--	138	590	1, 314	2, 896	6, 368	7, 671	9, 191	10, 775
Average annual salary per member-----dol--	325	871	1, 441	3, 010	4, 702	5, 174	5, 700	6, 240
<b>In 1964 dollars:</b>								
Total expenditure:								
Per capita of total population-----dol--	(NA)	16. 04	39. 55	51. 16	86. 03	91. 44	103. 01	113. 04
Per pupil in average daily attendance in day schools <sup>6</sup> -----dol--	(NA)	104	234	337	484	496	544	559
Current expenditure per pupil in average daily attendance in day schools <sup>7</sup> -----dol--	(NA)	86	195	272	368	394	430	460
Average annual salary per member of total instructional staff-----dol--	(NA)	1, 410	3, 182	3, 922	5, 077	5, 434	5, 850	6, 240

- Represents zero. NA Not available.

<sup>1</sup> For 1900, enumerated population as of June 1; for 1960, enumerated population as of Apr. 1; for all other years, estimated population as of July 1 of preceding year (1919, 1939, etc.). Excludes Armed Forces abroad.

<sup>2</sup> Includes librarians and other nonsupervisory instructional staff. Prior to 1940, figures represent number of persons employed rather than number of positions. <sup>3</sup> Beginning 1958, estimated.

<sup>4</sup> Through 1950, includes community services. Beginning 1960, not comparable with prior years.

<sup>5</sup> Comprises summer schools, community colleges, adult education, and, beginning 1960, community services.

<sup>6</sup> Based on current expenditure allocable to pupil costs, capital outlay, and interest.

<sup>7</sup> Excludes current expenditures not allocable to pupil costs. <sup>8</sup> Includes interest.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1963-64*, except population data from Bureau of the Census.

**No. 167. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY  
GRADE: 1940 TO 1966**

[In thousands. Prior to 1958, excludes Alaska and Hawaii. Enrollment in ungraded and special classes is prorated among the grades. See also *Historical Statistics, Colonial Times to 1957*, series H 224-227]

SCHOOL AND GRADE	1940	1950	1958	1960	1962	1963	1964	1965 <sup>1</sup>	1966 <sup>2</sup>
<b>Pupils enrolled.....</b>	<b>25,434</b>	<b>25,111</b>	<b>33,529</b>	<b>36,087</b>	<b>38,253</b>	<sup>3</sup> 39,746	<sup>3</sup> 41,025	<b>42,280</b>	<b>43,023</b>
<b>Kindergarten and grades</b>									
1 to 8.....	18,832	19,387	25,669	27,602	28,686	29,374	29,915	30,652	31,162
Kindergarten.....	595	1,034	1,772	1,923	2,065	2,162	2,177	2,250	2,305
First.....	3,018	3,170	3,587	3,733	3,857	3,928	4,023	4,014	4,065
Second.....	2,333	2,645	3,214	3,436	3,568	3,630	3,706	3,800	3,789
Third.....	2,332	2,396	3,176	3,302	3,428	3,518	3,560	3,662	3,735
Fourth.....	2,322	2,254	3,128	3,146	3,343	3,391	3,467	3,523	3,612
Fifth.....	2,248	2,151	3,181	3,118	3,218	3,332	3,366	3,465	3,501
Sixth.....	2,176	2,056	2,759	3,070	3,065	3,190	3,299	3,362	3,421
Seventh.....	2,108	1,947	2,458	3,173	3,122	3,140	3,241	3,363	3,421
Eighth.....	1,701	1,734	2,395	2,701	3,021	3,083	3,077	3,212	3,313
<b>Grades 9 to 12 and post-graduates.....</b>	<b>6,601</b>	<b>5,725</b>	<b>7,860</b>	<b>8,485</b>	<b>9,566</b>	<b>10,372</b>	<b>11,110</b>	<b>11,628</b>	<b>11,860</b>
Ninth.....	2,011	1,761	2,480	2,412	3,156	3,172	3,190	3,198	3,336
Tenth.....	1,767	1,513	2,194	2,258	2,595	2,981	3,006	3,085	3,102
Eleventh.....	1,486	1,275	1,736	2,063	2,018	2,348	2,747	2,778	2,834
Twelfth.....	1,282	1,134	1,431	1,747	1,791	1,866	2,160	2,560	2,581
Postgraduate.....	55	42	19	4	7	5	6	7	7

<sup>1</sup> Data subject to revision as later information becomes available.

<sup>2</sup> Fall enrollment.

<sup>3</sup> Grade distribution estimated by Office of Education.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; biennial report, *Statistics of State School Systems*, and annual report, *Fall Statistics of Public Schools*.

**No. 168. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS,  
AND SCHOOLROOMS: 1955 TO 1966**

[As of fall of year. See headnote, table 169]

YEAR	PUPILS ENROLLED (1,000)		CLASSROOM TEACHERS				PUPIL-TEACHER RATIO		INSTRUCTION ROOMS		
			Total		Teaching under substandard credentials				Com- pleted	Aban- doned	Available and in use <sup>1</sup>
	Elemen- tary	Second- ary					Elemen- tary	Second- ary			
1955 ----	22, 159	8, 521	732, 640	408, 401	60, 105	18, 270	30. 2	20. 9	63, 283	14, 114	1, 043, 246
1960. ---	24, 350	11, 931	858, 249	549, 844	67, 702	24, 595	28. 4	21. 7	72, 214	18, 733	1, 331, 624
1961 ----	24, 603	12, 861	869, 072	591, 983	65, 654	25, 989	28. 3	21. 7	72, 089	18, 134	1, 385, 211
1962 ----	25, 264	13, 485	886, 161	621, 391	55, 960	26, 695	28. 5	21. 7	65, 300	17, 000	1, 438, 384
1963 ----	25, 774	14, 412	908, 353	669, 424	55, 000	28, 200	28. 4	21. 5	69, 300	17, 100	1, 496, 950
1964 ----	26, 222	15, 195	940, 104	708, 080	53, 500	29, 200	27. 9	21. 5	69, 300	16, 200	1, 549, 000
1965 ----	26, 670	15, 504	964, 669	745, 650	52, 900	31, 200	27. 6	20. 8	72, 600	17, 700	1, 595, 343
1966 ----	27, 128	15, 928	1, 005, 376	782, 729	56, 500	34, 000	27. 0	20. 3	(NA)	(NA)	1, 653, 455

NA Not available.

<sup>1</sup> Due to changes in school plant inventories, number of instruction rooms at beginning of a particular school year does not always represent number of rooms available at beginning of previous year, plus rooms completed, minus rooms abandoned.

Source: Dept. of Health, Education, and Welfare, Office of Education; annual report, *Statistics of Public Schools*.



# No. 169. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS, AND SCHOOLROOMS, STATES: FALL 1966

[Fall enrollment data are not directly comparable with enrollment figures given for an entire school year in other tables. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten; secondary includes junior high schools]

STATE	PUPILS ENROLLED (1,000)		CLASSROOM TEACHERS				Pupil- teacher ratio (all schools)	INSTRUCTION ROOMS		
			Total		Teaching under substandard credentials			Com- pleted, 1965-66	Aban- doned, 1965-66	Avail- able and in use, 1966-67
	Elemen- tary	Second- ary	Elemen- tary	Second- ary	Elemen- tary	Second- ary				
U.S.	27, 128	15, 928	1, 005, 376	782, 729	<sup>1</sup> 56, 500	<sup>1</sup> 34, 000	24. 1	<sup>1</sup> 72, 600	<sup>1</sup> 17, 700	1, 653, 455
N.E.	1, 407	876	56, 400	43, 575	2, 668	2, 444	22. 8	3, 419	934	87, 361
Maine	148	74	6, 687	4, 128	568	296	20. 5	631	303	9, 051
N.H.	83	50	3, 388	2, 465	211	117	22. 8	541	104	5, 652
Vt.	58	30	2, 480	1, 665	100	139	21. 1	233	141	3, 681
Mass.	634	449	25, 286	21, 067	729	787	23. 4	669	103	38, 966
R.I.	<sup>2</sup> 91	<sup>2</sup> 68	3, 459	3, 450	310	255	23. 1	299	73	6, 166
Conn.	392	204	15, 100	10, 800	750	850	23. 0	1, 046	210	23, 845
M.A.	3, 967	2, 819	161, 551	147, 400	9, 864	9, 834	22. 0	9, 321	1, 828	256, 382
N.Y.	<sup>2</sup> 1, 863	<sup>2</sup> 1, 386	80, 730	76, 640	4, 030	6, 990	20. 6	5, 480	900	124, 660
N.J.	877	449	34, 800	23, 200	5, 600	2, 400	22. 9	1, 750	250	50, 500
Pa.	1, 227	984	<sup>3</sup> 46, 021	<sup>3</sup> 47, 560	234	444	23. 6	2, 091	678	81, 222
E.N.C.	5, 516	3, 023	196, 650	150, 743	11, 556	5, 515	24. 6	13, 053	(NA)	317, 336
Ohio	<sup>4</sup> 1, 685	<sup>4</sup> 635	52, 200	37, 500	5, 500	3, 200	25. 9	3, 000	550	86, 225
Ind.	713	442	26, 216	20, 996	733	204	24. 5	1, 988	529	43, 527
Ill.	1, 409	750	55, 457	38, 616	2, 552	773	23. 0	2, 454	(NA)	81, 297
Mich.	1, 175	840	41, 575	34, 835	2, 500	1, 300	26. 4	3, 667	1, 004	71, 930
Wis. <sup>5</sup>	534	356	21, 202	18, 796	271	38	22. 3	1, 944	443	34, 357
W.N.C.	2, 397	1, 189	92, 250	70, 775	2, 118	611	22. 0	7, 406	2, 291	154, 093
Minn.	463	372	18, 067	18, 664	343	110	22. 7	2, 029	682	34, 686
Iowa	<sup>4</sup> 453	<sup>4</sup> 184	16, 474	14, 168	616	175	20. 8	422	154	28, 489
Mo.	<sup>4</sup> 706	<sup>4</sup> 258	24, 869	13, 207	791	101	25. 3	3, 175	281	34, 862
N.Dak.	95	53	4, 286	3, 106	-	-	20. 0	329	253	7, 106
S.Dak.	<sup>4</sup> 119	<sup>4</sup> 49	5, 881	3, 164	211	111	18. 6	315	175	8, 159
Nebr.	191	128	8, 915	6, 957	157	114	20. 1	638	502	15, 664
Kans. <sup>5</sup>	<sup>4</sup> 371	<sup>4</sup> 145	13, 758	11, 509	-	-	20. 4	498	244	25, 127
S.A.	4, 125	2, 509	152, 524	113, 004	(NA)	(NA)	25. 0	11, 994	3, 559	247, 110
Del.	64	49	2, 489	2, 481	141	105	22. 7	368	41	4, 898
Md.	458	333	<sup>3</sup> 17, 653	<sup>3</sup> 15, 681	(NA)	(NA)	23. 7	1, 748	145	27, 016
D.C.	94	52	3, 588	2, 502	1, 670	1, 130	24. 1	240	-	4, 701
Va.	625	378	23, 215	18, 431	1, 373	268	24. 1	2, 206	837	38, 301
W.Va.	238	183	8, 777	7, 534	971	304	25. 8	406	391	16, 377
N.C.	<sup>4</sup> 850	<sup>4</sup> 334	31, 381	15, 882	1, 472	551	25. 0	2, 545	1, 107	48, 061
S.C.	388	255	13, 319	11, 012	13	26	26. 4	993	270	23, 548
Ga.	<sup>6</sup> 704	<sup>6</sup> 370	25, 252	15, 677	331	198	26. 2	1, 474	506	40, 216
Fla.	704	556	26, 850	23, 804	311	77	24. 9	2, 014	262	43, 992
E.S.C.	1, 846	1, 156	63, 924	46, 609	4, 106	1, 367	27. 2	(NA)	(NA)	108, 437
Ky.	437	238	16, 274	10, 434	1, 551	197	25. 3	1, 574	900	25, 145
Tenn.	568	306	20, 000	12, 000	825	125	27. 3	739	794	32, 182
Ala.	<sup>2</sup> 439	<sup>2</sup> 384	16, 000	15, 100	1, 215	585	28. 1	(NA)	(NA)	30, 118
Miss.	352	229	11, 650	9, 075	515	460	28. 0	1, 281	215	20, 992
W.S.C.	2, 994	1, 439	100, 603	82, 146	(NA)	(NA)	24. 3	8, 780	1, 650	178, 538
Ark.	249	202	9, 745	9, 613	218	156	23. 3	763	367	17, 990
La.	512	309	18, 492	14, 419	1, 315	935	24. 9	1, 187	389	33, 018
Okla.	347	251	13, 366	11, 314	-	-	24. 2	1, 404	342	25, 000
Texas	<sup>4</sup> 1, 886	<sup>4</sup> 677	59, 000	46, 800	(NA)	(NA)	24. 2	5, 426	552	102, 530
Mt.	1, 213	766	48, 881	36, 291	1, 561	575	23. 2	4, 379	1, 253	81, 960
Mont.	109	59	5, 027	2, 845	139	12	21. 3	291	128	7, 946
Idaho	<sup>2</sup> 92	<sup>2</sup> 83	3, 656	3, 849	977	434	23. 3	271	96	7, 259
Wyo.	49	36	2, 250	2, 050	146	-	19. 7	168	88	4, 358
Colo.	291	208	11, 637	10, 357	198	61	22. 7	986	230	20, 264
N.Mex.	154	117	6, 178	5, 408	35	-	23. 4	699	244	11, 135
Ariz.	<sup>4</sup> 284	<sup>4</sup> 99	11, 675	4, 700	-	-	23. 4	960	120	16, 000
Utah	168	124	5, 876	5, 176	66	68	26. 4	614	252	10, 469
Nev.	67	41	2, 582	1, 906	-	-	24. 0	390	95	4, 529
Pac.	3, 662	2, 150	132, 593	92, 186	(NA)	(NA)	25. 9	(NA)	886	222, 238
Wash.	<sup>2</sup> 422	<sup>2</sup> 331	<sup>3</sup> 15, 500	<sup>3</sup> 13, 500	500	50	26. 0	367	200	30, 361
Oreg.	291	183	12, 337	9, 379	970	120	21. 8	855	154	19, 435
Calif.	2, 805	1, 553	99, 100	65, 700	4, 400	1, 800	26. 4	7, 500	400	163, 200
Alaska	<sup>4</sup> 48	<sup>4</sup> 14	1, 800	1, 025	(NA)	(NA)	21. 8	131	25	2, 697
Hawaii	<sup>2</sup> 96	<sup>2</sup> 69	3, 856	2, 582	(NA)	(NA)	25. 8	(NA)	107	6, 545

- Represents zero. NA Not available.

<sup>1</sup> Includes estimate for nonreporting States.

<sup>2</sup> Kindergarten through grade 6 for elementary and grades 7-12 for secondary.

<sup>3</sup> Includes full-time equivalent of part-time teachers.

<sup>4</sup> Kindergarten through grade 8 for elementary and grades 9-12 for secondary.

<sup>5</sup> Excludes vocational schools not operating as part of the regular public school system.

<sup>6</sup> Kindergarten through grade 7 for elementary and grades 8-12 for secondary.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Fall 1966 Statistics of Public Schools.*

No. 170. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, STATES  
AND OTHER AREAS: 1930 TO 1964

[In thousands. Elementary refers to kindergarten through grade 8; secondary, to grades 9 through 12 and postgraduates. See also table 169]

STATE OR OTHER AREA	1930		1940		1950		1960		1964	
	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary
<b>United States</b> .....	<b>21,347</b>	<b>4,407</b>	<b>18,907</b>	<b>6,625</b>	<b>19,464</b>	<b>5,752</b>	<b>27,602</b>	<b>8,485</b>	<b>29,304</b>	<b>10,883</b>
<b>New England</b> .....	<b>1,194</b>	<b>298</b>	<b>990</b>	<b>410</b>	<b>962</b>	<b>331</b>	<b>1,399</b>	<b>445</b>	<b>1,520</b>	<b>564</b>
Maine.....	124	30	124	40	124	34	152	43	161	55
New Hampshire.....	60	14	54	22	53	18	81	25	87	33
Vermont.....	54	12	51	14	49	12	57	16	60	21
Massachusetts.....	594	165	481	219	454	178	1,643	1,218	702	276
Rhode Island.....	101	17	84	31	71	25	101	33	105	42
Connecticut.....	260	59	196	85	210	63	366	111	405	137
<b>Middle Atlantic</b> .....	<b>4,028</b>	<b>843</b>	<b>3,324</b>	<b>1,472</b>	<b>3,095</b>	<b>1,128</b>	<b>4,342</b>	<b>1,466</b>	<b>4,560</b>	<b>1,831</b>
New York.....	1,717	425	1,515	712	1,458	540	2,126	703	2,199	853
New Jersey.....	672	120	503	214	495	180	796	255	876	337
Pennsylvania.....	1,639	298	1,306	546	1,142	408	1,419	508	1,485	641
<b>East North Central</b> .....	<b>3,897</b>	<b>979</b>	<b>3,248</b>	<b>1,392</b>	<b>3,478</b>	<b>1,132</b>	<b>5,337</b>	<b>1,670</b>	<b>5,707</b>	<b>2,160</b>
Ohio.....	1,012	266	842	372	917	286	1,470	436	1,585	577
Indiana.....	523	144	474	197	524	166	752	237	777	295
Illinois.....	1,095	301	873	376	871	283	1,356	432	1,422	558
Michigan.....	809	162	683	287	810	260	1,253	1,372	1,371	481
Wisconsin.....	458	106	376	160	356	138	505	194	551	248
<b>West North Central</b> .....	<b>2,284</b>	<b>570</b>	<b>1,917</b>	<b>728</b>	<b>1,828</b>	<b>584</b>	<b>2,384</b>	<b>768</b>	<b>2,428</b>	<b>936</b>
Minnesota.....	453	99	365	147	359	123	504	178	534	226
Iowa.....	437	117	364	139	365	113	457	141	438	170
Missouri.....	524	132	525	176	499	145	625	196	2,650	2,231
North Dakota.....	140	30	106	34	83	27	101	36	103	42
South Dakota.....	134	31	98	38	89	29	116	37	118	45
Nebraska.....	256	69	195	81	168	60	216	67	225	85
Kansas.....	340	92	264	112	261	87	366	113	360	137
<b>South Atlantic</b> .....	<b>3,271</b>	<b>484</b>	<b>3,120</b>	<b>804</b>	<b>3,251</b>	<b>809</b>	<b>4,473</b>	<b>1,287</b>	<b>4,624</b>	<b>1,653</b>
Delaware.....	35	7	32	12	35	11	62	19	72	27
Maryland.....	235	42	219	68	270	65	457	139	514	191
District of Columbia.....	65	16	71	25	75	22	97	26	105	33
Virginia.....	489	74	454	114	480	118	663	178	704	235
West Virginia.....	347	49	361	92	349	90	352	109	311	127
North Carolina.....	750	117	684	202	704	181	844	261	848	319
South Carolina.....	416	53	395	87	415	79	482	128	469	159
Georgia.....	633	81	612	126	571	147	748	201	762	258
Florida.....	301	45	292	77	353	97	768	225	840	304
<b>East South Central</b> .....	<b>2,189</b>	<b>246</b>	<b>2,155</b>	<b>379</b>	<b>2,009</b>	<b>421</b>	<b>2,185</b>	<b>610</b>	<b>2,173</b>	<b>741</b>
Kentucky.....	526	62	507	97	467	96	496	135	483	177
Tennessee.....	558	70	540	108	539	120	629	182	637	216
Alabama.....	562	61	586	100	556	124	609	179	619	208
Mississippi.....	543	52	521	73	447	81	452	115	433	140
<b>West South Central</b> .....	<b>2,437</b>	<b>444</b>	<b>2,226</b>	<b>653</b>	<b>2,147</b>	<b>539</b>	<b>2,876</b>	<b>843</b>	<b>3,119</b>	<b>1,059</b>
Arkansas.....	410	46	392	73	329	78	324	100	315	125
Louisiana.....	377	58	374	99	400	84	542	151	2,578	2,184
Oklahoma.....	578	104	472	140	340	101	395	139	421	165
Texas.....	1,072	236	987	341	1,078	276	1,615	454	1,805	586
<b>Mountain</b> .....	<b>728</b>	<b>171</b>	<b>671</b>	<b>235</b>	<b>761</b>	<b>223</b>	<b>1,247</b>	<b>372</b>	<b>1,348</b>	<b>492</b>
Montana.....	96	25	75	32	80	26	109	36	117	45
Idaho.....	94	27	87	34	91	31	120	42	120	50
Wyoming.....	43	11	40	16	46	14	62	19	65	22
Colorado.....	197	43	163	58	177	52	309	85	338	121
New Mexico.....	89	13	109	23	121	27	180	51	184	67
Arizona.....	89	15	88	22	112	28	236	67	257	93
Utah.....	105	33	93	43	115	39	178	58	198	71
Nevada.....	14	4	15	6	20	6	52	14	70	22
<b>Pacific</b> .....	<b>1,319</b>	<b>373</b>	<b>1,256</b>	<b>552</b>	<b>1,933</b>	<b>585</b>	<b>3,358</b>	<b>1,023</b>	<b>3,825</b>	<b>1,446</b>
Washington.....	259	85	226	106	309	92	1,453	1,156	499	205
Oregon.....	155	48	128	61	189	66	289	100	300	130
California.....	837	232	828	362	1,358	399	1,247	1,726	2,870	1,059
Alaska.....	3	1	5	2	12	2	37	8	42	11
Hawaii.....	65	7	70	22	65	25	1,106	1,133	114	41
<b>Other areas:</b> .....										
Puerto Rico.....	214	7	270	16	362	48	486	88	487	115
American Samoa.....	2	-	3	(Z)	3	1	15	1	5	1
Canal Zone.....	6	1	6	1	8	2	9	3	9	4
Guam.....	4	(Z)	5	(Z)	(NA)	(NA)	12	2	11	4
Virgin Islands.....	3	(Z)	3	(Z)	4	1	6	1	7	1

- Represents zero. NA Not available. Z Less than 500 pupils.

<sup>1</sup> Enrollment not cumulative, but as of a specific date. <sup>2</sup> As of June 1963.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; *Digest of Educational Statistics*, 1962; and biennial reports on *Statistics of State School Systems*.



No. 171. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SEGREGATION-DESEGREGATION STATUS, 17 SOUTHERN STATES: 1958 TO 1966

[As of May, except as indicated. For States included, see table 172. Desegregation refers to change in schools from segregated white and Negro status to biracial or multiracial status, either in practice or principle]

DATE	SCHOOL DISTRICTS			ENROLLMENT (1,000)				NEGRO STUDENTS IN SCHOOLS WITH WHITE STUDENTS	
	Total	With both white and Negro students	Deseg-regated	Total		In desegregated districts		Number (1,000)	Percent of Negro enrollment
				White	Negro	White	Negro		
1958-----	8,514	2,903	753	9,428	2,924	1 1,953	377	1 132	(NA)
1959-----	7,874	2,875	740	9,651	3,008	1 2,262	447	1 146	(NA)
1960-----	7,016	2,851	755	10,004	3,057	1 2,538	520	195	6.4
1961-----	6,663	2,839	783	10,184	3,097	1 3,064	706	217	7.0
1962-----	6,370	3,047	913	10,406	3,250	1 3,584	918	247	7.6
1963-----	6,198	3,054	980	10,656	3,328	1 4,717	1,097	265	8.0
1964-----	6,120	3,027	1,161	10,941	3,421	1 5,356	1,484	316	9.2
1965-----	5,457	3,031	1,476	11,179	3,481	1 6,704	1,939	380	10.9
1966-----	5,372	2,999	2 4,804	11,573	3,573	(NA)	(NA)	569	15.9
1966, December----	5,072	3,010	2 4,653	11,425	3,704	(NA)	(NA)	956	25.8

NA Not available. <sup>1</sup> Excludes Missouri.  
<sup>2</sup> Number of school districts ruled "In compliance" with Federal regulations of U.S. Office of Education. Not all desegregated districts for 1965-66 and 1966-67 school year were "In compliance."  
Source: Southern Education Reporting Service, Nashville, Tennessee; *Statistical Summary . . .*, February 1967. (Copyright.)

No. 172. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SEGREGATION-DESEGREGATION STATUS FOR 17 SOUTHERN STATES, BY REGION AND STATE: 1966

[As of December. For definition of desegregation, see headnote, table 171]

REGION AND STATE	SCHOOL DISTRICTS			ENROLLMENT (1,000)		NEGRO STUDENTS IN SCHOOLS WITH WHITE STUDENTS		TEACHERS	
	Total	With both white and Negro students	In compliance <sup>1</sup>	White	Negro	Number (1,000)	Percent of Negro enrollment	Deseg-regated (1,000)	Percent of total
Total-----	5,072	3,010	4,653	11,425	3,704	956	25.8	178	29.1
South-----	2,877	2,209	2,639	8,310	3,089	490	15.9	127	27.9
Alabama-----	118	118	66	571	274	2 12	4.4	2	5.4
Arkansas-----	406	222	3 391	4 338	4 120	2 18	15.1	5	27.4
Florida-----	67	67	65	968	290	65	22.3	15	29.3
Georgia-----	195	189	3 151	2 776	2 388	2 34	8.8	8	19.2
Louisiana-----	67	67	46	503	318	11	3.4	(Z)	0.3
Mississippi-----	148	148	3 94	4 309	4 296	7	2.5	2	7.0
North Carolina-----	169	169	156	5 829	5 355	2 55	15.4	27	52.1
South Carolina-----	107	107	89	377	265	15	5.6	5	21.0
Tennessee-----	151	133	3 148	693	185	53	28.6	12	33.9
Texas-----	1,314	862	3 1,306	5 2,185	5 355	2 159	44.9	30	29.4
Virginia-----	135	127	5 761	5 761	5 244	2 62	25.3	22	50.3
Border States-----	2,195	801	2,014	3,115	615	466	75.7	51	32.6
Delaware-----	49	44	3 50	89	21	21	100.0	3	61.0
District of Columbia-----	1	1	1	13	133	115	86.3	(NA)	(NA)
Kentucky-----	200	167	200	614	61	55	90.1	13	48.8
Maryland-----	24	23	24	605	186	121	65.3	17	48.2
Missouri-----	878	212	3 689	5 853	2 130	101	77.7	8	20.9
Oklahoma-----	988	310	3 995	5 537	2 62	2 31	50.8	5	19.7
West Virginia-----	55	44	55	5 403	2 23	2 21	93.4	4	21.7

NA Not available. Z Less than 500.  
<sup>1</sup> U.S. Office of Education approval of the desegregation proposal offered by a school district. Some school districts have desegregated but are not officially "In compliance." <sup>2</sup> Estimated by U.S. Office of Education.  
<sup>3</sup> U.S. Office of Education reports more districts "In compliance" than the total districts listed by the State Department of Education. <sup>4</sup> 1965-66 data. <sup>5</sup> Unofficial estimate.  
Source: Southern Education Reporting Service, Nashville, Tennessee; *Statistical Summary . . .*, February 1967. (Copyright.)



No. 173. PERCENT OF NEGRO AND WHITE STUDENTS ENROLLED IN GRADES 1 AND 12, BY AREA AND BY RACIAL COMPOSITION OF SCHOOLS: 1965

[As of fall. Estimates based on survey of public elementary and secondary schools]

GRADE, AREA, AND REGION	RACIAL COMPOSITION OF SCHOOLS							
	0 to 10 percent Negro		10 to 20 percent Negro		20 to 80 percent Negro		80 to 100 percent Negro	
	Negro	White	Negro	White	Negro	White	Negro	White
All regions, grade 1.....	3.8	79.9	2.4	9.6	21.8	9.8	72.0	0.7
Metropolitan:								
North and West.....	3.8	79.7	4.5	9.1	47.2	9.9	44.5	1.3
South and Southwest.....	2.2	89.7	0.5	0.9	2.0	9.2	95.3	0.2
Nonmetropolitan:								
North and West.....	19.6	80.1	7.0	11.3	45.0	8.5	28.4	0.1
South and Southwest.....	4.2	70.9	2.1	16.6	15.9	12.1	77.8	0.4
All regions, grade 12.....	10.0	79.9	5.1	9.6	23.2	10.3	61.7	0.2
Metropolitan:								
North and West.....	13.0	74.2	8.3	8.2	54.8	17.4	23.9	0.2
South and Southwest.....	2.9	92.3	1.2	5.9	1.2	1.6	94.7	0.2
Nonmetropolitan:								
North and West.....	51.7	88.6	16.8	7.3	23.7	4.1	7.8	(Z)
South and Southwest.....	7.7	71.5	3.6	20.2	5.5	8.2	83.2	0.1

Z Less than 0.05 percent.

No. 174. ACHIEVEMENT TESTS—MEDIAN SCORES FOR STUDENTS IN GRADES 1 AND 12, BY RACE OR ETHNIC GROUP: 1965

[As of fall. For definition of median, see headnote, table 8. Estimates based on survey of public elementary and secondary schools. Represents results of standard achievement tests of such skills as reading, writing, calculating, and problem solving. Scores on each test were standardized so that the average over the national sample equaled 50 and the standard deviation equaled 10. This means that about 16 percent of all students would score below 40 and about 16 percent above 60]

GRADE AND TYPE OF TEST	White	Negro	Puerto Ricans	Indian Americans	Mexican Americans	Oriental Americans
GRADE 1						
Nonverbal.....	54.1	43.4	45.8	53.0	50.1	56.6
Verbal.....	53.2	45.4	44.9	47.8	46.5	51.6
GRADE 12						
Nonverbal.....	52.0	40.9	43.3	47.1	45.0	51.6
Verbal.....	52.1	40.9	43.1	43.7	43.8	49.6
Reading.....	51.9	42.2	42.6	44.3	44.2	48.8
Mathematics.....	51.8	41.8	43.7	45.9	45.5	51.3
General information.....	52.2	40.6	41.7	44.7	43.3	49.0
Five tests, average.....	52.0	41.1	43.1	45.1	44.4	50.1

Source of tables 173 and 174: Dept. of Health, Education, and Welfare, Office of Education; *Equality of Educational Opportunity*, 1966.

No. 175. SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, 1948, 1958, AND 1963

[Data are for 1947-48 school year and February 1958 and 1963. Prior to 1963, excludes Alaska and Hawaii. Pupils are reported according to the major type of exceptionality for which they are receiving special education. 1948 and 1958 data cover public elementary and secondary day schools only. Excludes data for truant and delinquent children]

TYPE	1948	1958	1963		
			Total	Local public schools	Public and private residential schools
Total.....	377,615	889,560	1,682,351	1,570,370	111,981
Visually handicapped.....	7,993	11,541	21,531	13,962	7,569
Deaf and hard of hearing.....	13,428	19,623	45,594	28,551	17,043
Speech impaired.....	181,856	489,644	802,197	802,197	(1)
Crippled and special health problems.....	40,239	52,416	64,842	64,842	(1)
Emotionally and socially maladjusted.....	15,340	28,622	99,873	51,157	<sup>2</sup> 48,716
Mentally retarded.....	86,980	223,447	431,890	393,237	38,653
Other handicapped conditions.....	11,067	11,998	1,753	1,753	(1)
Gifted.....	20,712	52,269	214,671	214,671	(1)

<sup>1</sup> Excluded in survey of residential schools.

<sup>2</sup> Includes education programs in public hospitals for the mentally ill.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1956-58*, Chapter 5, and *Statistics of Special Education for Exceptional Children and Youth, 1962-63*.

No. 176. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE, BY SOURCE OF FUNDS: 1940 TO 1964

[In millions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 246-251]

SCHOOL YEAR	Total revenue for public schools	FEDERAL		STATE		INTERMEDIATE AND LOCAL SOURCES <sup>1</sup>	
		Amount	Percent	Amount	Percent	Amount	Percent
1940.....	2,261	40	1.8	684	30.3	1,536	68.0
1942.....	2,417	34	1.4	760	31.5	1,622	67.1
1944.....	2,604	36	1.4	859	33.0	1,709	65.6
1946.....	3,060	41	1.4	1,062	34.7	1,956	63.8
1948.....	4,312	120	2.8	1,676	38.9	2,515	58.3
1950.....	5,437	156	2.9	2,166	39.8	3,116	57.3
1952.....	6,424	228	3.5	2,479	38.6	3,718	57.8
1954.....	7,867	355	4.5	2,944	37.4	4,568	58.1
1956.....	9,687	441	4.6	3,829	39.5	5,416	55.9
1958.....	12,182	487	4.0	4,800	39.4	6,895	56.6
1960.....	14,747	652	4.4	5,768	39.1	8,327	56.5
1962.....	17,528	761	4.3	6,789	38.7	9,978	56.9
1964.....	20,544	897	4.4	8,078	39.3	11,569	56.3

<sup>1</sup> Includes receipts from gifts and from tuition and transportation fees from patrons.  
Source: Dept. of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1963-64*.

No. 177. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE, BY PURPOSE: 1950 TO 1964

[In millions of dollars, except percent. For years ending June 30. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 252-261]

PURPOSE	1950		1958		1960		1962		1964	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Total expenditure, all schools.....	5,838	100.0	13,569	100.0	15,613	100.0	18,373	100.0	21,325	100.0
Total current expenditure, all schools.....	4,723	80.9	10,374	76.5	12,462	79.8	14,923	81.2	17,646	82.7
Current expenditure for day schools.....	4,687	80.3	10,252	75.6	12,329	79.0	14,729	80.2	17,218	80.7
Administration.....	220	3.8	443	3.3	528	3.4	648	3.5	745	3.5
Instruction <sup>1</sup> .....	3,112	53.3	6,901	50.9	8,351	53.5	10,016	54.5	11,750	55.1
Plant operation.....	428	7.3	924	6.8	1,085	6.9	1,283	7.0	1,446	6.8
Plant maintenance.....	214	3.7	378	2.8	423	2.7	477	2.6	539	2.5
Fixed charges.....	261	4.5	715	5.3	909	5.8	1,077	5.9	1,344	6.3
Other school services <sup>2</sup> .....	452	7.7	890	6.6	1,033	6.6	1,227	6.7	1,394	6.5
Other current expenditure <sup>3</sup> .....	36	0.6	123	0.9	133	0.9	194	1.1	428	2.0
Capital outlay <sup>4</sup> .....	1,014	17.4	2,853	21.0	2,662	17.0	2,862	15.6	2,978	14.0
Interest.....	101	1.7	342	2.5	490	3.1	588	3.2	701	3.3

<sup>1</sup> Includes salaries of clerical assistants, free textbooks, school library books, and supplies.  
<sup>2</sup> For 1950, items included under "Other school services" were listed under "Auxiliary services," a more comprehensive classification which also included community services.  
<sup>3</sup> Comprises current expenditures for summer schools, adult education, community colleges, and, beginning 1958, community services.  
<sup>4</sup> Beginning 1958, excludes capital outlay by nonschool agencies.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1963-64*.

No. 178. PUBLIC SCHOOL EXPENDITURES—ESTIMATES, TOTAL AND PER CAPITA,  
BY STATES: 1967

[In millions of dollars, except as indicated. For year ending June 30]

STATE	Total expenditures	CURRENT EXPENDITURES			Capital outlay	PER CAPITA	
		Elementary and secondary schools	Other programs <sup>1</sup>	Average per pupil in average daily attendance (dollars)		Expenditures <sup>2</sup> (dollars)	Rank <sup>3</sup>
United States.....	<sup>4</sup> 27,946	22,623	773	569	<sup>5</sup> 3,601	143	(X)
New England.....	1,444	1,238	17	592	144	129	(X)
Maine.....	113	92	(Z) 4	430	14	115	39
New Hampshire.....	92	65	(Z)	523	24	135	28
Vermont.....	52	48	(Z)	578	3	128	32
Massachusetts.....	672	585	9	599	58	125	34
Rhode Island.....	104	88	1	596	12	116	38
Connecticut.....	411	360	4	657	33	143	22
Middle Atlantic.....	5,639	4,853	73	774	505	153	(X)
New York.....	3,173	2,705	48	912	315	174	10
New Jersey.....	1,094	915	13	740	130	159	17
Pennsylvania.....	1,372	1,233	12	597	<sup>6</sup> 60	118	36
East North Central.....	5,344	4,350	109	558	699	139	(X)
Ohio.....	1,266	1,018	13	468	185	123	35
Indiana.....	707	610	11	580	<sup>6</sup> 80	144	20
Illinois.....	1,412	1,154	39	591	165	132	30
Michigan.....	1,400	1,080	36	596	225	167	14
Wisconsin <sup>6</sup> .....	559	488	10	608	44	134	29
West North Central.....	2,234	1,810	33	550	321	141	(X)
Minnesota.....	621	492	7	634	95	174	11
Iowa.....	417	338	10	567	59	152	19
Missouri.....	518	426	7	506	71	115	40
North Dakota.....	85	68	1	485	13	131	31
South Dakota.....	95	83	—	521	10	139	24
Nebraska.....	185	140	4	464	35	127	33
Kansas <sup>6</sup> .....	314	263	4	552	38	140	23
South Atlantic.....	3,753	2,946	127	478	592	128	(X)
Delaware.....	96	66	(Z)	626	25	188	4
Maryland.....	575	441	13	603	99	159	16
District of Columbia.....	120	92	5	693	23	149	(X)
Virginia.....	645	515	15	556	100	143	21
West Virginia.....	190	162	9	411	18	106	44
North Carolina.....	558	457	13	411	78	112	42
South Carolina.....	268	223	5	373	35	104	45
Georgia.....	486	423	8	430	<sup>6</sup> 41	109	43
Florida.....	814	567	60	479	173	137	26
East South Central.....	1,286	1,084	33	386	132	100	(X)
Kentucky.....	301	256	4	400	32	95	50
Tennessee.....	401	338	10	404	40	103	47
Alabama.....	357	310	2	390	<sup>6</sup> 35	102	48
Mississippi.....	227	180	18	335	25	98	49
West South Central.....	2,282	1,911	11	477	287	122	(X)
Arkansas.....	202	163	1	393	32	103	46
Louisiana.....	494	428	1	567	50	137	25
Oklahoma.....	335	293	2	533	35	136	27
Texas.....	1,251	1,026	7	449	170	116	37
Mountain.....	1,305	1,072	18	576	179	167	(X)
Montana.....	116	105	3	665	5	165	15
Idaho.....	79	69	1	418	7	114	41
Wyoming.....	61	54	(Z)	668	6	185	7
Colorado.....	335	265	8	570	48	169	12
New Mexico.....	195	151	2	586	39	191	3
Arizona.....	247	225	—	635	16	153	18
Utah.....	188	138	3	500	43	187	6
Nevada.....	85	65	1	635	15	187	5
Pacific.....	4,660	3,359	352	616	742	188	(X)
Washington.....	520	414	31	581	60	174	9
Oregon.....	331	272	5	645	48	169	13
California.....	3,610	2,520	310	613	600	191	2
Alaska.....	73	50	(Z)	877	20	268	1
Hawaii.....	126	103	6	669	<sup>7</sup> 14	175	8

— Represents zero. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Includes expenditures for summer schools, adult education, community services (such as public libraries operated by school districts, expenditures for nonpublic schools where authorized by law, community centers, and recreational activities), and community colleges and technical institutes under the jurisdiction of local boards of education. <sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1, 1966. *Current Population Reports*, Series P-25, No. 354.<sup>3</sup> Based on unrounded figures. <sup>4</sup> Includes interest on school debt, not shown separately.<sup>5</sup> Excludes capital outlay by nonschool agencies such as State and local schoolhousing authorities and governmental units whose financial transactions are not included in school district accounts; such expenditures in 4 States amounted to an estimated total of \$370 million (\$248 million in Pa.; \$75 million in Ind.; \$30 million in Ala.; and \$17 million in Ga.).<sup>6</sup> Excludes vocational schools not operated as part of the regular school system.<sup>7</sup> Estimated by Office of Education.Source: Dept. of Health, Education, and Welfare, Office of Education; *Fall 1966 Statistics of Public Schools*.



No. 179. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS: 1955 TO 1967

[Prior to 1959, excludes Alaska, and 1960, Hawaii. Schools classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools]

YEAR	NUMBER OF TEACHERS (1,000)			AVERAGE SALARY (dollars)			PERCENT DISTRIBUTION OF TEACHERS, BY SALARY GROUPS			
	Total	Elementary school	Secondary school	All teachers	Elementary school	Secondary school	Under \$4,500	\$4,500 to \$5,499	\$5,500 to \$6,499	\$6,500 and over
1955-----	1,080	691	389	3,816	3,615	4,194	77.7	<sup>1</sup> 22.3	(NA)	(NA)
1957-----	1,191	751	440	4,220	4,025	4,560	68.0	<sup>1</sup> 32.0	(NA)	(NA)
1958-----	1,238	778	460	4,520	4,325	4,840	59.1	<sup>1</sup> 40.9	(NA)	(NA)
1959-----	1,293	808	484	4,797	4,607	5,113	48.7	26.7	15.7	8.9
1960-----	1,355	834	521	4,995	4,815	5,276	42.5	28.2	17.4	11.9
1961-----	1,403	849	554	5,275	5,075	5,543	35.2	27.2	19.3	18.3
1962-----	1,458	877	581	5,515	5,340	5,775	26.6	28.9	22.6	21.9
1963-----	1,513	894	619	5,732	5,560	5,980	22.0	28.0	23.4	26.6
1964-----	1,575	907	668	5,995	5,805	6,266	16.9	28.6	24.2	30.4
1965-----	1,637	929	707	6,195	5,985	6,451	13.5	27.0	24.7	34.8
1966-----	1,697	962	734	6,485	6,279	6,761	8.8	22.7	26.8	41.7
1967-----	1,759	996	763	6,821	6,609	7,095	5.6	19.2	27.7	47.4

NA Not available. <sup>1</sup> Includes salaries of \$5,500 and over.  
Source: National Education Association, Research Division; Research Report, 1966—R20, *Estimates of School Statistics, 1966-67*. (Copyright 1966 by the National Education Association. All rights reserved.)

No. 180. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—PERCENT DISTRIBUTION OF CLASSROOM TEACHERS, BY TEACHING EXPERIENCE, AGE, AND DEGREES HELD: 1961 AND 1966

[As of spring of year. Based on sample and subject to sampling variability. For definition of median, see head-note, table 8]

ITEM	1961			1966				
	Total	Elementary school	Secondary school	Total	Elementary school	Secondary school	Men	Women
EXPERIENCE								
1 year-----	7.3	6.7	8.0	8.2	7.9	8.7	9.1	7.8
2 to 3 years-----	13.5	10.5	17.7	14.3	12.5	16.3	16.3	13.4
4 to 6 years-----	14.5	12.3	17.5	17.9	15.1	20.9	23.4	15.3
7 to 9 years-----	10.5	10.6	10.3	11.1	10.2	12.1	14.1	9.7
10 to 14 years-----	15.7	14.0	18.0	14.8	16.4	13.0	15.1	14.7
15 to 19 years-----	10.4	11.6	8.7	11.1	9.8	12.5	11.7	10.8
20 to 29 years-----	15.3	19.0	10.3	13.0	16.4	9.4	5.0	16.8
30 years or more-----	12.8	15.3	9.5	9.6	11.7	7.2	5.4	11.5
Median-----years--	(NA)	(NA)	(NA)	9	11	7	7	11
AGE								
24 years or less-----	10.8	10.9	10.8	14.6	14.8	14.4	13.0	15.4
25 to 29 years-----	15.1	11.3	20.1	16.8	12.9	21.0	23.4	13.7
30 to 34 years-----	12.4	9.9	16.0	12.5	10.9	14.1	20.6	8.6
35 to 39 years-----	10.8	8.6	13.6	10.5	10.3	10.7	12.8	9.4
40 to 49 years-----	22.9	25.2	20.0	19.5	19.6	19.4	17.6	20.4
50 to 59 years-----	21.9	26.5	15.5	19.6	22.8	16.1	8.6	24.8
60 years or more-----	6.1	7.6	4.0	6.5	8.6	4.4	4.0	7.8
Median-----years--	(NA)	(NA)	(NA)	37	40	35	32	41
HIGHEST DEGREE HELD								
No degree-----	2.1	3.4	0.3	2.3	3.7	0.9	0.6	3.2
2-year degree-----	10.2	16.9	1.2	4.3	7.2	1.2	1.4	5.7
Bachelor's degree-----	61.7	62.8	60.2	67.2	70.9	63.2	57.5	71.7
Master's degree-----	25.8	16.7	38.1	25.1	17.9	32.9	38.6	18.8
Professional degree, 6 years-----	(NA)	(NA)	(NA)	1.1	0.4	1.8	2.0	0.6
Doctor's degree-----	0.2	0.2	0.2	-	-	-	-	-

- Represents zero. NA Not available.  
Source: National Education Association, Washington, D.C.; annual National Sample Survey of Classroom Teachers, unpublished data.

No. 181. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, STATES: 1967

STATE	NUMBER OF TEACHERS			AVERAGE SALARY (dollars)			PERCENT DISTRIBUTION OF TEACHERS, BY SALARY GROUPS						
	Total	Elementary school	Secondary school	All teachers	Elementary school	Secondary school	Under \$3,500	\$3,500 to \$4,499	\$4,500 to \$5,499	\$5,500 to \$6,499	\$6,500 to \$7,499	\$7,500 and over	
U.S.....	<sup>1</sup> 1,759,236	996,031	763,205	6,821	6,609	7,095	0.3	5.3	19.2	27.7	21.3	26.1	
Ala. <sup>2</sup> .....	<sup>3</sup> 31,100	16,000	15,100	5,480	5,285	5,685	0.5	15.0	43.0	33.5	7.0	1.0	
Alaska.....	2,825	1,800	1,025	<sup>4</sup> 8,923	(NA)	(NA)	—	—	—	0.8	8.9	90.3	
Ariz.....	16,375	11,675	4,700	7,230	7,065	7,645	—	—	10.5	21.5	22.5	45.5	
Ark.....	19,400	10,457	8,943	5,013	4,804	5,224	2.5	38.0	40.0	14.0	4.0	1.5	
Calif.....	163,000	98,000	65,000	8,450	8,075	9,025	—	—	1.0	20.0	21.5	57.5	
Colo.....	22,150	11,700	10,450	6,625	6,500	6,700	—	0.4	18.9	37.5	20.2	23.0	
Conn.....	25,600	14,800	10,800	7,460	7,325	7,648	—	—	11.0	28.0	16.0	45.0	
Del.....	4,801	<sup>5</sup> 2,369	2,432	7,450	7,225	7,600	—	1.5	14.0	19.0	24.0	41.5	
D.C.....	6,078	3,583	2,495	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Fla.....	51,576	27,185	24,391	6,430	(NA)	(NA)	<sup>2</sup> —	<sup>2</sup> 7.0	<sup>2</sup> 20.0	<sup>2</sup> 35.0	<sup>2</sup> 25.0	<sup>2</sup> 13.0	
Ga.....	<sup>1</sup> 42,124	<sup>6</sup> 25,524	16,600	5,895	5,845	5,970	—	20.0	37.0	24.5	13.0	5.5	
Hawaii.....	6,431	3,852	2,579	7,902	7,850	7,950	<sup>2</sup> —	<sup>2</sup> —	<sup>2</sup> 5.0	<sup>2</sup> 18.0	<sup>2</sup> 31.0	<sup>2</sup> 46.0	
Idaho.....	<sup>7</sup> 7,380	3,655	3,725	5,875	5,500	6,174	0.1	10.0	36.0	40.0	11.0	2.9	
Ill.....	90,789	53,788	37,001	7,400	7,125	7,825	—	0.2	18.0	24.0	23.0	34.8	
Ind.....	46,155	25,755	20,400	7,377	7,200	7,600	—	—	10.0	25.0	22.0	43.0	
Iowa <sup>8</sup> .....	<sup>2</sup> 26,200	<sup>2</sup> 14,900	<sup>2</sup> 11,300	6,396	6,115	6,778	1.2	8.5	25.0	30.5	22.5	12.3	
Kans. <sup>9</sup> .....	23,868	12,996	10,872	6,100	5,925	6,275	0.1	0.7	35.5	37.6	17.3	8.8	
Ky. <sup>10</sup> .....	26,800	16,800	10,000	5,400	5,250	5,675	—	12.0	43.0	38.0	6.0	1.0	
La.....	<sup>1</sup> 34,100	19,100	15,000	6,388	6,257	6,560	0.3	7.0	28.0	30.0	26.0	8.7	
Maine.....	9,800	5,950	3,850	5,825	5,575	6,160	0.6	8.5	32.0	31.0	18.9	9.0	
Md.....	33,334	17,653	15,681	7,308	7,153	7,483	<sup>2</sup> —	<sup>2</sup> —	<sup>2</sup> 10.0	<sup>2</sup> 25.0	<sup>2</sup> 27.0	<sup>2</sup> 38.0	
Mass.....	48,400	26,100	22,300	7,300	7,125	7,500	—	—	4.0	30.0	37.0	29.0	
Mich.....	75,000	40,800	34,200	7,300	7,250	7,400	—	—	5.0	22.0	35.0	38.0	
Minn.....	36,400	18,800	17,600	6,910	6,675	7,175	—	0.5	18.0	28.0	26.0	27.5	
Miss.....	20,725	11,650	9,075	4,650	4,530	4,803	5.0	46.0	38.0	9.0	1.5	0.5	
Mo.....	38,596	25,663	12,933	6,250	6,163	6,411	0.1	9.9	<sup>2</sup> 32.0	<sup>2</sup> 26.5	<sup>2</sup> 16.0	<sup>2</sup> 15.5	
Mont. <sup>11</sup> .....	7,760	5,000	2,760	6,000	5,725	6,550	—	8.0	35.0	33.0	19.0	5.0	
Nebr.....	15,800	9,000	6,800	5,619	5,233	6,098	0.4	17.5	31.9	29.9	11.5	8.8	
Nev.....	4,490	2,675	1,815	7,390	7,274	7,560	—	—	4.0	33.0	27.0	36.0	
N.H.....	5,532	3,141	2,391	6,050	5,930	6,210	—	0.3	38.1	29.2	20.9	11.5	
N.J.....	59,000	34,200	24,800	7,356	7,175	7,625	—	—	8.5	29.8	17.7	44.0	
N. Mex.....	11,000	6,000	5,000	6,630	6,650	6,625	—	—	20.0	31.0	40.0	9.0	
N.Y.....	150,000	77,000	73,000	7,900	7,600	8,200	<sup>2</sup> —	<sup>2</sup> —	<sup>2</sup> 3.5	<sup>2</sup> 14.0	<sup>2</sup> 28.0	<sup>2</sup> 54.5	
N.C.....	46,447	32,334	14,113	5,604	5,512	5,780	0.1	11.2	45.0	32.0	10.0	1.7	
N. Dak.....	6,700	4,300	2,400	5,280	4,850	6,050	2.8	31.0	31.5	19.8	9.0	5.9	
Ohio.....	88,200	51,200	37,000	6,534	6,300	6,900	—	2.5	16.0	40.0	28.0	13.5	
Okla.....	24,220	13,100	11,120	6,000	5,900	6,100	—	3.8	31.0	47.0	15.0	3.2	
Oreg.....	20,200	11,700	8,500	7,000	6,850	7,135	—	0.1	15.1	23.8	30.0	31.0	
Pa.....	87,800	43,700	44,100	6,815	6,755	6,880	—	—	21.6	33.3	26.8	18.3	
R.I.....	6,932	3,476	3,456	6,625	6,575	6,675	<sup>2</sup> —	<sup>2</sup> 0.7	<sup>2</sup> 14.0	<sup>2</sup> 34.0	<sup>2</sup> 38.5	<sup>2</sup> 12.8	
S.C.....	25,378	13,943	11,435	5,343	5,080	5,527	3.0	<sup>2</sup> 36.0	<sup>2</sup> 38.5	<sup>2</sup> 17.0	<sup>2</sup> 4.0	1.5	
S. Dak.....	9,025	6,525	2,500	4,800	4,450	5,675	10.0	35.0	39.0	13.5	2.5	—	
Tenn.....	32,000	20,000	12,000	5,625	5,460	5,950	1.0	16.0	42.0	31.0	9.0	1.0	
Tex.....	105,800	59,000	46,800	6,025	5,920	6,140	0.6	5.0	31.0	41.0	15.0	7.4	
Utah.....	10,953	5,806	5,147	6,490	(NA)	(NA)	—	—	25.0	24.8	26.0	24.2	
Vt.....	3,871	2,384	1,487	5,700	5,500	6,200	0.5	10.0	25.0	31.0	23.0	10.5	
Va.....	<sup>1</sup> 42,500	24,650	17,850	6,400	<sup>12</sup> 6,150	<sup>12</sup> 6,650	<sup>12</sup> 0.3	<sup>12</sup> 10.7	<sup>12</sup> 22.0	<sup>12</sup> 33.0	<sup>12</sup> 19.0	<sup>12</sup> 15.0	
Wash.....	29,000	15,500	13,500	7,330	7,095	7,670	—	—	12.0	25.0	25.0	38.0	
W. Va.....	15,400	8,500	6,900	5,450	5,320	5,600	3.0	<sup>2</sup> 21.0	<sup>2</sup> 38.0	<sup>2</sup> 30.0	<sup>2</sup> 6.0	2.0	
Wis. <sup>9</sup> .....	<sup>1</sup> 37,921	20,092	17,829	6,700	6,375	7,000	1.0	4.0	21.0	30.0	21.0	23.0	
Wyo.....	4,300	2,250	2,050	6,450	6,400	6,500	0.2	1.0	21.0	36.0	25.0	16.8	

— Represents zero. NA Not available.

<sup>1</sup> Includes other nonsupervisory personnel for Ga., La., Va., and Wis.

<sup>2</sup> Estimated by the NEA Research Division. <sup>3</sup> Includes guidance counselors.

<sup>4</sup> Amount shown should be reduced by about one-fourth to make its purchasing power comparable to figures reported for other States.

<sup>5</sup> Excludes kindergarten personnel. <sup>6</sup> Includes 319 kindergarten teachers.

<sup>7</sup> About 200 additional staff members to be hired with Public Law 89-10 funds.

<sup>8</sup> Based on sampling study made by the Iowa Education Association, except as noted.

<sup>9</sup> Excludes instructional staff in vocational and nonvocational schools.

<sup>10</sup> Excludes teaching staff hired with Public Law 89-10 funds.

<sup>11</sup> NEA Research Division estimates confirmed by the Montana Education Association.

<sup>12</sup> Adjusted by the NEA Research Division.

Source: National Education Association, Research Division; Research Report, 1966—R20, *Estimates of School Statistics, 1966-67*. (Copyright 1966 by the National Education Association. All rights reserved.)

No. 182. NONPUBLIC REGULAR ELEMENTARY AND SECONDARY SCHOOLS—CLASS-ROOM TEACHERS AND ENROLLMENT, STATES AND OTHER AREAS: 1966

[As of fall of year. Estimated by Office of Education. Excludes data for private residential schools for exceptional children and subcollegiate departments of institutions of higher education. See *Historical Statistics, Colonial Times to 1957*, series H 228, for total enrollment excluding Alaska and Hawaii]

STATE OR OTHER AREA	Class-room teachers	NUMBER OF PUPILS			STATE OR OTHER AREA	Class-room teachers	NUMBER OF PUPILS		
		Total	Elementary <sup>1</sup>	Secondary <sup>2</sup>			Total	Elementary <sup>1</sup>	Secondary <sup>2</sup>
U.S.-----	231,000	6,700,000	5,400,000	1,300,000	Nev-----	140	4,400	3,300	1,100
Ala-----	1,410	33,200	26,700	6,500	N.H-----	1,710	38,300	27,900	10,400
Alaska-----	170	2,500	1,800	700	N.J-----	10,270	329,600	270,300	59,300
Ariz-----	1,270	35,800	29,100	6,700	N.Mex-----	1,053	30,000	25,200	4,800
Ark-----	550	13,200	10,400	2,800	N.Y-----	32,160	937,100	764,000	173,100
Calif-----	15,280	434,700	348,600	86,100	N.C-----	1,190	21,800	17,700	4,100
Colo-----	1,820	47,900	38,900	9,000	N.Dak-----	1,040	22,600	17,900	4,700
Conn-----	5,250	123,300	89,300	34,000	Ohio-----	12,930	435,000	344,200	90,800
Del-----	760	21,100	16,800	4,300	Okla-----	970	22,400	18,300	4,100
D.C-----	1,140	26,500	18,800	7,700	Oreg-----	1,450	37,800	30,400	7,400
Fla-----	3,930	98,700	81,600	17,100	Pa-----	20,180	670,400	541,700	128,700
Ga-----	1,390	28,900	21,000	7,900	R.I-----	2,370	58,700	48,500	10,200
Hawaii-----	1,220	32,800	24,700	8,100	S.C-----	880	16,800	13,300	3,500
Idaho-----	400	10,200	8,800	1,400	S.Dak-----	1,080	26,100	21,400	4,700
Ill-----	17,760	590,500	479,900	110,600	Tenn-----	1,760	34,800	23,800	11,000
Ind-----	4,980	147,000	120,300	26,700	Tex-----	6,360	166,500	141,200	25,300
Iowa-----	4,170	108,600	85,100	23,500	Utah-----	300	6,700	5,000	1,700
Kans-----	2,120	57,100	46,800	10,300	Vt-----	910	19,400	12,400	7,000
Ky-----	3,640	99,200	77,800	21,400	Va-----	2,660	61,400	45,800	15,600
La-----	5,710	158,000	127,400	30,600	Wash-----	2,480	62,500	50,800	11,700
Maine-----	1,680	38,400	26,500	11,900	W.Va-----	810	19,100	14,100	5,000
Md-----	5,540	150,400	125,000	25,400	Wis-----	9,330	284,500	243,800	40,700
Mass-----	10,660	285,900	220,700	65,200	Wyo-----	160	4,400	3,900	500
Mich-----	11,320	368,400	297,900	70,500	Other areas:				
Minn-----	6,320	183,800	154,600	29,200	P.R-----	2,060	57,400	45,300	12,100
Miss-----	900	20,700	16,400	4,300	Am.Samoa-----	60	1,500	1,100	400
Mo-----	6,240	186,800	151,200	35,600	C.Z-----	10	800	800	-
Mont-----	930	23,000	18,400	4,600	Guam-----	100	4,500	3,400	1,100
Nebr-----	2,250	63,100	50,600	12,500	V.I-----	120	3,200	2,600	600

- Represents zero.  
<sup>1</sup> Kindergarten through grade 8.    <sup>2</sup> Grades 9 through 12 and postgraduate.  
Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1966.

No. 183. NONPUBLIC SCHOOLS—ENROLLMENT IN ELEMENTARY SCHOOLS, 1962, AND IN SECONDARY SCHOOLS, 1961, BY SPECIFIED CHARACTERISTICS

TYPE OF FACILITY AND STUDENT BODY	Elementary, 1962 <sup>1</sup>	Secondary, 1961	CHURCH RELATIONSHIP	Elementary, 1962 <sup>1</sup>	Secondary, 1961
Total enrollment-----	4,627,037	1,109,443	Church-related-----	4,520,212	976,317
Day school-----	4,516,240	902,989	Baptist-----	11,861	4,713
Boarding school-----	25,893	78,431	Christian Reformed-----	30,169	9,795
Combined boarding and day school-----	84,904	128,023	Jewish-----	33,308	6,522
Males only-----	60,657	303,330	Lutheran-----	136,796	14,680
Females only-----	79,154	272,079	Protestant Episcopal-----	14,336	16,180
Coeducational-----	4,423,594	480,822	Roman Catholic-----	4,233,451	887,481
Coinstitutional-----	63,632	53,212	Seventh-day Adventist-----	42,248	15,800
			Other church-related-----	18,043	21,146
			Nonchurch-related-----	106,825	133,126

<sup>1</sup> Data are for 1962 except for schools reported as part of elementary-secondary combinations. Data for 1961 were used for these schools.  
Source: Dept. of Health, Education, and Welfare, Office of Education; *Statistics of Nonpublic Elementary Schools, 1961-62* and *Statistics of Nonpublic Secondary Schools, 1960-61*.



## No. 184. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX: 1900 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Data cover graduates of both public and private institutions. See also *Historical Statistics, Colonial Times to 1957*, series H 232 and H 330-332. See also table 199]

YEAR OF GRADUATION	HIGH SCHOOL				COLLEGE <sup>1</sup>		
	Total		Male	Female	Total	Male	Female
	Number	Percent of persons 17 years old					
1900.....	94,883	6.4	38,075	56,808	27,410	22,173	5,237
1920.....	311,266	16.8	123,684	187,582	48,622	31,980	16,642
1940.....	1,221,475	50.8	578,718	642,757	186,500	109,546	76,954
1950.....	1,199,700	59.0	570,700	629,000	432,058	328,841	103,217
1954.....	1,276,100	60.0	612,500	663,600	290,825	186,528	104,297
1956.....	1,414,800	62.3	679,500	735,300	308,812	198,233	110,579
1958.....	1,505,900	64.8	725,500	780,400	362,554	240,990	121,564
1960.....	1,864,000	65.1	898,000	966,000	392,440	254,063	138,377
1962.....	1,925,000	69.5	941,000	984,000	417,846	260,531	157,315
1963.....	1,950,000	70.3	959,000	991,000	447,622	273,169	174,453
1964.....	2,290,000	76.3	1,121,000	1,169,000	498,654	298,046	200,608
1965.....	<sup>2</sup> 2,640,000	<sup>2</sup> 71.9	<sup>2</sup> 1,303,000	<sup>2</sup> 1,337,000	535,031	317,669	217,362

<sup>1</sup> Bachelor's or first professional degree. <sup>2</sup> Preliminary.

Source: Dept. of Health, Education, and Welfare, Office of Education; annual reports, *Earned Degrees Conferred and Digest of Educational Statistics*.

## No. 185. PUBLIC HIGH SCHOOL GRADUATES, BY SEX—STATES AND OTHER AREAS: 1965 AND 1966

STATE OR OTHER AREA	1965		1966		STATE OR OTHER AREA	1965		1966	
	Male	Female	Male	Female		Male	Female	Male	Female
U.S.....	1,167,109	1,192,745	1,179,464	1,187,397	Nev.....	2,415	2,336	2,366	2,254
Ala.....	21,905	23,519	21,540	22,620	N.H.....	3,767	4,008	3,752	3,794
Alaska.....	1,174	1,084	1,306	1,113	N.J.....	<sup>2</sup> 37,440	<sup>2</sup> 40,560	38,620	39,380
Ariz.....	9,458	9,462	9,494	9,383	N. Mex.....	6,753	6,700	7,119	6,801
Ark.....	12,935	12,459	12,590	12,386	N.Y.....	86,740	95,487	<sup>2</sup> 83,862	<sup>2</sup> 87,285
Calif.....	115,500	111,000	128,000	127,000	N.C.....	32,039	35,481	31,625	34,562
Colo.....	13,443	13,306	13,224	13,057	N. Dak.....	4,769	4,767	4,746	4,760
Conn.....	15,088	16,641	14,526	16,085	Ohio.....	64,973	65,440	65,475	65,357
Del.....	2,920	3,067	2,983	2,969	Okla.....	18,130	17,538	17,590	16,990
D.C.....	1,991	2,718	2,175	2,927	Oreg.....	15,250	14,738	14,145	14,242
Fla.....	30,197	30,993	31,080	31,142	Pa.....	71,199	72,001	69,624	69,346
Ga.....	24,476	27,232	25,045	26,797	R.I.....	4,388	4,769	4,292	4,522
Hawaii.....	4,635	4,565	4,460	4,528	S.C.....	15,853	17,339	16,375	17,164
Idaho.....	5,859	5,659	5,732	5,433	S. Dak.....	5,052	4,846	5,241	5,017
Ill.....	58,046	56,960	57,820	54,499	Tenn.....	22,682	23,859	<sup>2</sup> 23,360	23,443
Ind.....	33,272	33,076	32,471	31,553	Tex.....	60,407	61,352	60,959	60,836
Iowa.....	20,442	20,148	20,029	19,476	Utah.....	8,485	8,209	8,196	7,927
Kans.....	14,243	13,757	<sup>1</sup> 15,853	<sup>1</sup> 14,751	Vt.....	2,198	2,254	2,394	2,175
Ky.....	17,067	18,166	17,081	17,657	Va.....	22,835	26,603	24,652	27,765
La.....	18,728	20,541	19,308	20,421	Wash.....	24,254	23,397	23,600	22,680
Maine.....	6,274	6,387	6,220	6,051	W. Va.....	13,102	13,872	12,720	13,453
Md.....	20,164	21,241	20,762	20,821	Wis.....	<sup>1</sup> 29,547	<sup>1</sup> 29,282	29,089	28,269
Mass.....	<sup>1</sup> 31,736	<sup>1</sup> 31,628	32,088	32,575	Wyo.....	2,752	2,474	2,705	2,467
Mich.....	51,695	51,480	52,850	53,350	Other areas:				
Minn.....	27,001	26,442	26,465	26,067	P.R.....	8,807	11,572	9,305	11,685
Miss.....	12,852	13,792	13,581	14,557	Am. Samoa.....	201	132	181	178
Mo.....	25,790	25,471	26,209	25,368	C.Z.....	423	417	408	419
Mont.....	5,061	4,880	5,112	4,880	Guam.....	342	343	498	453
Nebr.....	10,127	9,759	9,953	9,442	V.I.....	<sup>2</sup> 114	<sup>2</sup> 148	120	150

<sup>1</sup> Excludes graduates of vocational schools not operated as part of the regular public school system.

<sup>2</sup> Distribution by sex estimated.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Fall 1966 Statistics of Public Schools*.

No. 186. JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1963

Prior to 1960, excludes Alaska and Hawaii. Includes full-time and part-time resident students taking work creditable toward a bachelor's degree and, beginning 1950, includes 2-year normal schools. See also *Historical Statistics, Colonial Times to 1957*, series H 325-326]

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1920.....	52	8, 102	10	2, 940	42	5, 162
1930.....	277	55, 616	129	36, 501	148	19, 115
1940.....	456	149, 854	217	107, 553	239	42, 301
1950.....	506	243, 839	279	188, 794	227	55, 045
1952.....	506	231, 175	291	184, 054	215	47, 121
1954.....	518	325, 804	293	272, 036	225	53, 768
1955, November.....	469	295, 553	276	249, 928	193	45, 625
1958, first term.....	490	349, 385	283	297, 680	207	51, 705
1960, first term.....	509	403, 524	310	348, 538	199	54, 986
1962, first term.....	524	533, 849	329	471, 526	195	62, 323
1963, fall.....	573	618, 957	357	546, 111	216	72, 846

Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1965.

No. 187. MARITAL STATUS OF HIGH SCHOOL AND COLLEGE STUDENTS, 14 TO 34 YEARS OLD, BY AGE AND SEX: 1960 AND 1966

[In thousands, except percent. As of October. Based on Current Population Survey; see text, p. 1]

AGE AND ENROLLMENT STATUS	BOTH SEXES			MALE			FEMALE		
	Total	Married, spouse present		Total	Married, spouse present		Total	Married, spouse present	
		Number	Percent		Number	Percent		Number	Percent
ENROLLED IN HIGH SCHOOL									
1960.....	9, 624	100	1. 0	4, 890	39	0. 8	4, 734	61	1. 3
14 and 15 years.....	4, 716	12	0. 3	2, 296	3	0. 1	2, 420	9	0. 4
16 and 17 years.....	4, 305	18	0. 4	2, 218	1	(B)	2, 087	17	0. 8
18 and 19 years.....	512	12	2. 3	325	-	-	187	12	6. 4
20 to 34 years.....	91	58	(B)	51	35	(B)	40	23	(B)
1966.....	12, 874	170	1. 3	6, 593	66	1. 0	6, 281	104	1. 7
14 and 15 years.....	6, 191	16	0. 3	3, 052	9	0. 3	3, 139	7	0. 2
16 and 17 years.....	5, 816	44	0. 8	2, 986	9	0. 3	2, 830	35	1. 2
18 and 19 years.....	728	36	4. 9	483	16	3. 3	245	20	8. 2
20 to 34 years.....	139	74	(B)	72	32	(B)	67	42	(B)
ENROLLED IN COLLEGE <sup>1</sup>									
1960.....	3, 570	855	23. 9	2, 339	667	28. 5	1, 231	188	15. 3
14 to 17 years.....	222	-	-	99	-	-	123	-	-
18 and 19 years.....	1, 299	24	1. 8	734	10	1. 4	565	14	2. 5
20 and 21 years.....	790	81	10. 3	503	39	7. 8	287	42	14. 6
22 to 24 years.....	509	202	39. 7	411	164	39. 9	98	38	(B)
25 to 34 years.....	750	548	73. 1	592	454	76. 7	158	94	59. 5
1966.....	6, 085	1, 256	20. 6	3, 747	916	24. 4	2, 338	340	14. 5
14 to 17 years.....	253	-	-	104	-	-	149	-	-
18 and 19 years.....	2, 440	55	2. 3	1, 354	39	2. 9	1, 086	16	1. 5
20 and 21 years.....	1, 472	156	10. 6	899	86	9. 6	573	70	12. 2
22 to 24 years.....	987	376	38. 1	722	288	39. 9	265	88	33. 2
25 to 34 years.....	933	669	71. 7	668	503	75. 3	265	166	62. 6

- Represents zero.  
B Percent not shown where less than 0.1 or where base is less than 150,000.  
<sup>1</sup> Includes 887,000 part-time students in 1960, and 1,238,000 in 1966.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 110, and unpublished data.

# No. 188. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1955, 1960, AND 1965

[In thousands. Opening (fall) enrollment of degree-credit students. Includes Puerto Rico, Canal Zone, and Guam]

TYPE OF INSTITUTION	1955, total	1960				1965			
		Total	Male	Female	First-time students	Total	Male	Female	First-time students
<b>All institutions</b> .....	<b>2, 679</b>	<b>3, 610</b>	<b>2, 271</b>	<b>1, 339</b>	<b>930</b>	<b>5, 570</b>	<b>3, 397</b>	<b>2, 174</b>	<b>1, 453</b>
Public.....	1, 499	2, 136	1, 327	809	582	3, 655	2, 206	1, 449	996
Private.....	1, 180	1, 474	944	530	348	1, 916	1, 191	725	457
Junior colleges (2-year institutions).....	309	454	283	170	215	845	524	322	402
4-year institutions.....	2, 370	3, 156	1, 987	1, 169	714	4, 725	2, 873	1, 852	1, 051
Universities.....	1, 241	1, 551	1, 072	479	305	2, 304	1, 511	793	439
Liberal arts colleges.....	709	1, 028	560	468	270	1, 554	845	708	389
Independently organized professional schools:									
Teachers colleges.....	245	359	171	188	96	572	276	296	156
Technological schools.....	83	107	99	7	23	134	121	13	32
Theological, religious.....	34	42	33	9	7	50	37	12	10
Schools of art.....	13	15	8	7	3	21	10	11	5
Other professional.....	44	55	44	11	10	91	72	19	19

Source: Dept. of Health, Education, and Welfare, Office of Education; *Opening (Fall) Enrollment in Higher Education, 1960: Analytic Report* and *Opening (Fall) Enrollment in Higher Education, 1965*.

# No. 189. INSTITUTIONS OF HIGHER EDUCATION—FACULTY, ENROLLMENT, INCOME, AND EXPENDITURE: 1940 TO 1964

[Money figures in millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Covers universities, colleges, professional schools, junior colleges, teachers colleges, and normal schools, both publicly and privately controlled, regular session. Beginning 1950, includes estimates for institutions not reporting. See also *Historical Statistics, Colonial Times to 1957*, series H 316-321, H 339-362, and H 369]

ITEM	1940	1950	1960	1962	1964
Institutions reporting staff and enrollment.....	1, 708	1, 851	2, 008	2, 037	2, 132
<b>Faculty</b> <sup>1</sup> .....	<b>146, 929</b>	<b>246, 722</b>	<b>380, 554</b>	<b>424, 862</b>	<b>494, 514</b>
Male.....	106, 328	186, 189	296, 773	332, 006	385, 405
Female.....	40, 601	60, 533	83, 781	92, 856	109, 109
<b>Resident college enrollment (degree credit)</b> .....	<b>1, 494</b>	<b>2, 659</b>	<b>3, 216</b>	<b>3, 726</b>	<b>4, 234</b>
Male.....	893	1, 853	2, 080	2, 337	2, 623
Female.....	601	806	1, 136	1, 389	1, 611
Institutions reporting income and expenditure.....	1, 609	1, 851	2, 008	2, 037	2, 132
<b>Current income</b> .....	<b>715</b>	<b>2, 375</b>	<b>5, 786</b>	<b>7, 429</b>	<b>9, 544</b>
Educational and general income.....	571	1, 834	4, 688	6, 040	7, 788
Student fees.....	201	395	1, 157	1, 500	1, 893
Endowment earnings.....	71	96	207	232	266
Federal Government.....	39	524	1, 037	1, 538	2, 160
State governments.....	151	492	1, 374	1, 668	2, 111
Local governments.....	24	62	152	191	240
Private gifts and grants.....	40	119	383	450	551
Organized activities related to instruction.....	33	112	245	304	363
Miscellaneous.....	11	35	134	157	204
Auxiliary enterprises and activities.....	144	541	1, 097	1, 389	1, 755
Receipts for:					
Plant expansion.....	66	529	1, 309	1, 817	2, 532
Increase of endowment and other nonexpendable funds.....	45	117	499	508	629
<b>Current expenditure</b> .....	<b>675</b>	<b>2, 246</b>	<b>5, 601</b>	<b>7, 155</b>	<b>9, 178</b>
Educational and general.....	522	1, 706	4, 513	5, 768	7, 425
Administration and general expense.....	63	213	583	730	958
Instruction and departmental research.....	230	781	1, 793	2, 202	2, 802
Organized research.....	27	225	1, 022	1, 474	1, 973
Libraries.....	19	56	135	177	237
Plant operation and maintenance.....	70	225	470	564	686
Organized activities related to instruction.....	27	119	303	375	472
Extension and public services.....	35	87	206	244	297
Auxiliary enterprises and activities.....	124	476	916	1, 158	1, 452
Scholarships, fellowships, and prizes.....	29	63	172	229	300
Expenditure for plant expansion.....	84	417	1, 192	1, 550	2, 208
Value of plant and plant funds <sup>2</sup> .....	2, 754	5, 273	14, 612	18, 002	22, 875
<b>Nonexpendable funds:</b>					
Endowment and annuity <sup>3</sup> .....	1, 736	2, 601	5, 445	6, 247	7, 161
Student loan.....	29	43	126	105	135

<sup>1</sup> Includes administrative, extension service, correspondence, and organized research staff in addition to regular staff; beginning 1960, represents total number of different persons (not reduced to full-time basis). 1940 and 1950 data are for academic year; 1960, 1962, and 1964, for first term 1959-60, 1961-62, and 1963-64, respectively.

<sup>2</sup> Grounds, buildings, equipment, and unexpended plant funds. <sup>3</sup> All funds other than student loans.

Source: Dept. of Health, Education, and Welfare, Office of Education; 1940 and 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, annual report, *Digest of Educational Statistics*, and unpublished data.



# No. 190. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY RACE AND REGION: 1965

[Estimated. As of fall. Based on reports from 92 percent of all institutions of higher education]

RACE	Total	New England	Mid-East	Great Lakes	Plains	South	South-west	Rocky Mountains	Far West
NUMBER OF STUDENTS (1,000)									
Total.....	4,491	317	818	864	386	885	462	179	580
White.....	4,232	314	781	822	375	778	434	176	552
Negro.....	207	2	30	31	9	102	21	2	12
Other nonwhite.....	52	2	7	11	3	5	7	2	16
PERCENT DISTRIBUTION									
Within region.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	94.2	98.8	95.5	95.2	97.1	88.0	94.0	98.0	95.2
Negro.....	4.6	0.7	3.7	3.6	2.2	11.5	4.5	0.9	2.0
Other nonwhite.....	1.2	0.5	0.8	1.3	0.8	0.6	1.5	1.1	2.8
By region.....	100.0	7.1	18.2	19.2	8.6	19.7	10.3	4.0	12.9
White.....	100.0	7.4	18.5	19.4	8.9	18.4	10.3	4.2	13.1
Negro.....	100.0	1.1	14.6	14.9	4.1	49.0	10.0	0.8	5.6
Other nonwhite.....	100.0	3.0	12.6	20.9	5.6	9.6	13.5	3.8	31.0

Source: Dept. of Health, Education, and Welfare, Office of Education; *Equality of Educational Opportunity*, 1966.

# No. 191. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE, 1963, AND PERCENT CHANGE, 1961 TO 1963

[In thousands. As of fall term. Includes Puerto Rico, Canal Zone, Guam, and Virgin Islands]

TYPE OF ENROLLMENT	ENROLLMENT, 1963				PERCENT CHANGE, 1961 TO 1963			
	Public		Private		Public		Private	
	Male	Female	Male	Female	Male	Female	Male	Female
All resident and extension enrollment.....	1,906	1,200	1,073	636	19.7	21.0	6.4	9.0
In work chiefly creditable toward a bachelor's or higher degree.....	1,757	1,131	1,039	616	17.5	19.2	6.3	8.5
Resident.....	1,628	1,028	1,011	599	17.6	21.2	4.7	8.3
Undergraduate and first-professional.....	1,438	939	867	544	16.7	20.1	3.6	7.8
Undergraduate.....	1,389	932	784	532	(NA)	(NA)	(NA)	(NA)
Full time.....	1,058	702	591	414	(NA)	(NA)	(NA)	(NA)
Part time.....	330	230	193	118	(NA)	(NA)	(NA)	(NA)
First-professional (with preprofessional training).....	49	7	83	12	(NA)	(NA)	(NA)	(NA)
Graduate.....	190	89	144	55	24.1	34.1	11.2	14.0
Extension.....	129	103	28	17	17.3	2.7	139.1	13.5
In undergraduate work not chiefly creditable toward a bachelor's degree (resident and extension).....	149	69	34	20	52.0	60.1	11.3	29.7

NA Not available.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Resident and Extension Enrollment in Institutions of Higher Education: Fall 1963*, Circular OE-54000-63.

# No. 192. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN CHARGES, 1964, AND BY TYPE OF INSTITUTION, 1965

[In dollars. Includes Puerto Rico and outlying areas. Median per full-time undergraduate student, entire academic year. For definition of median, see headnote, table 8]

YEAR AND TYPE OF INSTITUTION	PUBLIC					PRIVATE				
	Tuition and fees <sup>1</sup>	Dormitory rooms		Board		Tuition and fees	Dormitory rooms		Board	
		Men	Women	Men	Women		Men	Women	Men	Women
1964.....	191	210	214	389	379	734	237	249	428	442
All institutions, 1965.....	200	225	228	400	396	812	252	275	440	450
Universities.....	300	260	270	450	450	1,275	360	390	500	500
Liberal arts colleges.....	195	220	224	364	360	867	270	280	450	450
Teachers colleges.....	249	216	216	377	374	665	270	270	430	455
Technological schools.....	335	241	266	470	470	1,060	360	360	465	460
Theological schools.....	(X)	(X)	(X)	(X)	(X)	463	196	200	400	393
Other professional schools.....	625	(X)	(X)	(X)	(X)	900	363	390	495	475
Junior colleges.....	150	180	200	360	360	600	180	225	375	405

X Not applicable. <sup>1</sup> Data cover residents only.

Source: Dept. of Health, Education, and Welfare, Office of Education; annual report, *Digest of Educational Statistics*, and unpublished data.

**No. 193. INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ANNUAL SALARIES OF FULL-TIME FACULTY, BY RANK, PERIOD EMPLOYED, AND CONTROL OF INSTITUTION: 1965**

[Academic year, 9-10 months, and fiscal year, 11-12 months, ending in 1965. Includes outlying areas. Based on a sample of 269 institutions]

ACADEMIC RANK AND PERIOD	NUMBER			AVERAGE SALARY (dollars)		
	Total	Public	Private	Total	Public	Private
Academic deans:						
Academic year.....	550	150	400	12,200	15,000	11,200
Fiscal year.....	3,500	2,000	1,500	16,100	16,400	15,600
Professors:						
Academic year.....	38,000	23,100	14,900	12,500	12,400	12,800
Fiscal year.....	11,900	8,300	3,600	15,400	15,300	15,700
Associate professors:						
Academic year.....	36,800	24,800	12,000	9,600	9,700	9,300
Fiscal year.....	9,200	6,300	2,900	12,300	12,100	12,900
Assistant professors:						
Academic year.....	50,500	33,100	17,400	7,900	8,000	7,600
Fiscal year.....	11,300	7,100	4,200	10,200	10,200	10,300
Instructors:						
Academic year.....	34,900	23,700	11,200	6,400	6,400	6,200
Fiscal year.....	7,400	4,200	3,200	7,800	7,700	7,800
Other faculty:						
Academic year.....	13,200	8,800	4,400	7,100	7,900	5,700
Fiscal year.....	8,700	2,300	6,400	6,900	8,400	6,300

Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1966.

**No. 194. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN AND MEAN EARNINGS OF TEACHING FACULTY, BY PRIMARY TEACHING AREA: 1962 AND 1963**

[In dollars. Includes Puerto Rico and outlying areas. Covers all ranks of teaching faculty in universities and 4-year colleges. For definition of median, see headnote, table 8]

PRIMARY TEACHING AREA	1962 <sup>1</sup>						CONTRACT TEACH- ING SALARY, 1963 <sup>2</sup>	
	Total earnings		Contract teach- ing salary		Other earnings			
	Median	Mean	Median	Mean	Median	Mean	Median	Mean
<b>Total</b> .....	<b>9,172</b>	<b>10,004</b>	<b>7,555</b>	<b>7,927</b>	<b>1,530</b>	<b>2,165</b>	<b>7,811</b>	<b>8,302</b>
Agriculture.....	9,907	10,560	7,926	8,490	2,385	2,756	7,648	8,475
Biological sciences.....	10,046	11,064	7,826	8,197	1,663	2,074	8,363	8,685
Business and commerce.....	9,435	10,512	7,756	8,146	1,882	2,924	7,950	8,574
Education.....	9,428	9,986	7,677	7,964	1,650	2,090	8,074	8,301
Engineering.....	10,984	11,604	8,530	8,734	2,506	3,197	8,878	9,207
English and journalism.....	7,739	8,423	7,000	7,405	1,156	1,598	7,191	7,619
Fine arts.....	7,972	8,557	7,084	7,328	1,229	1,588	7,291	7,549
Foreign languages.....	7,986	8,637	7,280	7,687	1,199	1,465	7,487	7,995
Health fields.....	10,907	12,439	7,126	7,836	904	2,270	6,999	7,789
Home economics.....	7,144	7,708	6,685	6,758	784	1,094	7,076	7,162
Law.....	13,561	16,090	11,600	11,981	2,867	5,297	12,189	12,914
Mathematics.....	9,152	9,752	7,464	7,790	1,771	2,378	7,814	8,378
Philosophy.....	8,769	9,620	7,631	8,167	1,213	1,485	7,772	8,738
Physical and health education.....	7,823	8,106	6,991	7,092	1,083	1,322	7,092	7,227
Physical sciences.....	10,338	11,404	8,276	8,756	2,046	2,853	8,699	9,213
Psychology.....	10,115	11,054	8,093	8,579	1,964	2,655	8,504	8,994
Religion and theology.....	7,757	8,166	6,865	7,098	1,121	1,335	7,460	7,905
Social sciences.....	9,033	9,669	7,665	8,134	1,481	1,907	7,944	8,546
All other fields.....	9,383	9,736	7,605	8,176	1,450	2,309	8,314	8,704

<sup>1</sup> 12-month period ending June 30, 1962.    <sup>2</sup> Academic year 1962-63.

Source: Dept. of Health, Education, and Welfare, Office of Education; annual report, *Digest of Educational Statistics*, and unpublished data.

**No. 195. INSTITUTIONS OF HIGHER EDUCATION—NUMBER, AND ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS BY SEX, STATES AND OTHER AREAS: 1965**

[Opening (fall) enrollment of degree-credit students. Includes resident and extension degree-credit students, full time and part time. Excludes students taking degree-credit work at home by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries]

STATE OR OTHER AREA	Number of institutions	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
		Total	Male	Female	Total	Male	Female
<b>United States</b> .....	1 2, 173	5, 526, 325	3, 374, 603	2, 151, 722	1, 441, 822	829, 215	612, 607
<b>New England</b> .....	198	365, 990	228, 247	137, 743	94, 132	55, 183	38, 949
Maine.....	21	21, 244	12, 913	8, 331	5, 194	3, 094	2, 100
New Hampshire.....	14	19, 581	12, 259	7, 322	5, 353	3, 076	2, 277
Vermont.....	15	13, 079	7, 402	5, 677	4, 146	2, 114	2, 032
Massachusetts.....	98	200, 512	126, 767	73, 745	51, 258	29, 695	21, 563
Rhode Island.....	14	32, 202	19, 438	12, 764	8, 686	5, 152	3, 534
Connecticut.....	36	79, 372	49, 468	29, 904	19, 495	12, 052	7, 443
<b>Middle Atlantic</b> .....	354	893, 661	540, 208	353, 453	179, 580	103, 551	76, 029
New York.....	183	491, 998	290, 966	201, 032	89, 748	50, 533	39, 215
New Jersey.....	41	127, 868	77, 978	49, 890	26, 907	14, 792	12, 115
Pennsylvania.....	130	273, 795	171, 264	102, 531	62, 925	38, 226	24, 699
<b>East North Central</b> .....	364	1, 078, 154	657, 909	420, 245	279, 013	159, 504	119, 509
Ohio.....	74	266, 363	163, 376	102, 987	69, 451	39, 924	29, 527
Indiana.....	42	141, 409	88, 856	52, 553	36, 938	21, 823	15, 115
Illinois.....	114	295, 160	179, 321	115, 839	73, 469	41, 115	32, 354
Michigan.....	72	251, 572	153, 449	98, 123	65, 234	37, 989	27, 245
Wisconsin.....	62	123, 650	72, 907	50, 743	33, 921	18, 653	15, 268
<b>West North Central</b> .....	261	509, 250	313, 431	195, 819	149, 973	86, 280	63, 693
Minnesota.....	48	116, 103	70, 745	45, 358	32, 709	18, 174	14, 535
Iowa.....	51	85, 328	52, 206	33, 122	24, 416	14, 082	10, 334
Missouri.....	64	133, 806	83, 203	50, 603	40, 216	23, 278	16, 938
North Dakota.....	13	20, 904	13, 491	7, 413	7, 090	4, 332	2, 758
South Dakota.....	15	23, 236	14, 006	9, 230	7, 099	4, 202	2, 897
Nebraska.....	24	49, 252	29, 718	19, 534	14, 042	7, 902	6, 140
Kansas.....	46	80, 621	50, 062	30, 559	24, 401	14, 310	10, 091
<b>South Atlantic</b> .....	323	654, 977	393, 174	261, 803	181, 733	101, 443	80, 290
Delaware.....	4	12, 334	7, 573	4, 761	3, 369	1, 826	1, 543
Maryland.....	43	96, 430	60, 862	35, 568	21, 227	12, 369	8, 858
District of Columbia.....	20	57, 808	37, 790	20, 018	7, 457	3, 611	3, 846
Virginia.....	45	86, 431	48, 094	38, 337	29, 263	16, 355	12, 908
West Virginia.....	21	46, 805	28, 058	18, 747	15, 130	9, 188	5, 942
North Carolina.....	61	103, 774	60, 624	43, 150	30, 958	16, 631	14, 327
South Carolina.....	30	40, 804	23, 768	17, 036	13, 277	7, 158	6, 119
Georgia.....	51	80, 271	47, 464	32, 807	20, 711	11, 090	9, 621
Florida.....	48	130, 320	78, 941	51, 379	40, 341	23, 215	17, 126
<b>East South Central</b> .....	165	295, 736	176, 881	118, 855	86, 527	49, 185	37, 342
Kentucky.....	38	76, 172	45, 098	31, 074	22, 600	12, 742	9, 858
Tennessee.....	47	99, 139	60, 715	38, 424	26, 809	15, 801	11, 008
Alabama.....	37	66, 515	40, 600	25, 915	19, 141	11, 109	8, 032
Mississippi.....	43	53, 910	30, 468	23, 442	17, 977	9, 533	8, 444
<b>West South Central</b> .....	173	505, 531	312, 316	193, 215	139, 942	82, 125	57, 817
Arkansas.....	19	42, 541	26, 066	16, 475	14, 095	8, 340	5, 755
Louisiana.....	22	89, 009	52, 249	36, 760	22, 063	12, 228	9, 835
Oklahoma.....	35	85, 366	54, 209	31, 157	23, 969	14, 582	9, 387
Texas.....	97	288, 615	179, 792	108, 823	79, 815	46, 975	32, 840
<b>Mountain</b> .....	76	286, 743	179, 307	107, 436	81, 867	47, 595	34, 272
Montana.....	11	19, 976	12, 957	7, 019	6, 336	3, 827	2, 509
Idaho.....	9	19, 805	12, 234	7, 571	7, 252	4, 240	3, 012
Wyoming.....	6	10, 398	6, 679	3, 719	3, 363	2, 008	1, 355
Colorado.....	21	72, 860	44, 689	28, 171	19, 914	11, 171	8, 743
New Mexico.....	10	30, 006	19, 488	10, 518	7, 762	4, 844	2, 918
Arizona.....	11	69, 429	43, 615	25, 814	18, 899	11, 272	7, 627
Utah.....	7	56, 334	34, 685	21, 649	15, 295	8, 442	6, 853
Nevada.....	1	7, 935	4, 960	2, 975	3, 046	1, 791	1, 255
<b>Pacific</b> .....	251	922, 658	559, 511	363, 147	245, 397	140, 691	104, 706
Washington.....	33	103, 131	61, 899	41, 232	30, 503	17, 457	13, 046
Oregon.....	32	67, 688	40, 314	27, 374	20, 309	11, 284	9, 025
California.....	179	728, 091	444, 291	283, 800	189, 017	108, 873	80, 144
Alaska.....	3	4, 657	3, 001	1, 656	1, 727	1, 118	609
Hawaii.....	4	19, 091	10, 006	9, 085	3, 841	1, 959	1, 882
<b>U.S. service academies</b> .....	8	13, 625	13, 619	6	3, 658	3, 658	-
<b>Other areas</b> .....	8	43, 946	21, 971	21, 975	11, 104	5, 379	5, 725
<b>Puerto Rico</b> .....	5	40, 294	19, 928	20, 366	10, 178	4, 834	5, 344
<b>Canal Zone</b> .....	1	1, 314	639	675	389	200	189
<b>Guam</b> .....	1	1, 624	1, 040	584	495	320	175
<b>Virgin Islands</b> .....	1	714	364	350	42	25	17

- Represents zero.

<sup>1</sup> Excludes 57 institutions which reported enrollments only in undergraduate, occupational, or general studies programs not chiefly creditable toward a bachelor's degree.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Opening (Fall) Enrollment in Higher Education, 1965*.



# No. 196. INSTITUTIONS OF HIGHER EDUCATION—FACULTY, ENROLLMENT, AND EARNED DEGREES CONFERRED, STATES AND OTHER AREAS

(See headnote, table 189)

STATE OR OTHER AREA	FACULTY, 1964 <sup>1</sup>		RESIDENT ENROLLMENT, FALL 1963 (degree credit)				EARNED DEGREES CONFERRED, 1965		
	Male	Female	Undergraduate		1st profes- sional	Grad- uate	Bach- elor's or 1st profes- sional	Mas- ter's or 2d- level	Doctor- ates
			Full time	Part time					
<b>United States</b> .....	385,405	109,109	2,745,238	860,877	149,400	478,577	535,031	112,124	16,467
<b>New England</b> .....	31,988	8,180	181,067	40,695	10,869	37,850	40,040	9,998	1,585
Maine.....	1,249	382	12,414	336	81	257	2,742	273	4
New Hampshire.....	1,404	451	11,795	595	245	749	2,587	266	13
Vermont.....	1,322	381	10,329	363	184	228	2,015	425	5
Massachusetts.....	20,312	4,557	98,799	23,468	7,636	24,951	22,172	6,196	1,082
Rhode Island.....	2,211	566	14,637	1,453	-	1,710	3,177	564	99
Connecticut.....	5,490	1,843	33,093	14,480	2,723	9,955	7,347	2,274	382
<b>Middle Atlantic</b> .....	75,169	19,741	410,967	169,938	32,853	126,296	99,688	22,795	3,186
New York.....	43,697	11,712	213,141	92,349	17,100	84,518	52,232	14,514	1,948
New Jersey.....	8,560	1,919	54,018	34,876	4,942	14,617	13,352	2,670	389
Pennsylvania.....	22,912	6,110	143,808	42,713	10,811	27,161	34,104	5,611	849
<b>East North Central</b> .....	75,699	20,269	533,411	176,991	30,042	93,861	105,911	25,094	3,983
Ohio.....	16,997	5,219	137,438	45,067	6,514	18,597	27,361	4,390	672
Indiana.....	11,744	2,465	77,603	18,684	3,152	17,532	15,940	5,277	772
Illinois.....	22,749	5,694	130,594	65,412	12,083	26,391	26,382	6,338	1,146
Michigan.....	14,221	3,640	119,888	35,404	6,042	23,088	23,104	6,658	843
Wisconsin.....	9,988	3,251	67,888	12,424	2,251	8,253	13,124	2,431	550
<b>West North Central</b> .....	34,338	10,427	283,464	38,596	15,374	31,786	54,698	8,788	1,430
Minnesota.....	8,303	2,352	65,857	3,391	2,774	7,352	11,808	1,651	366
Iowa.....	6,226	2,044	51,666	6,511	2,298	5,868	9,852	1,345	440
Missouri.....	9,150	2,716	65,991	10,560	6,923	8,235	12,878	2,506	301
North Dakota.....	1,291	382	13,602	586	233	859	2,515	372	36
South Dakota.....	1,381	435	13,891	1,291	222	718	2,621	385	9
Nebraska.....	2,808	699	26,213	7,339	1,590	2,921	6,594	682	99
Kansas.....	5,179	1,799	46,244	8,918	1,334	5,833	8,430	1,847	179
<b>South Atlantic</b> .....	45,164	15,049	345,579	80,820	20,786	42,605	65,460	11,355	1,690
Delaware.....	664	214	5,535	237	-	1,426	807	245	52
Maryland.....	7,834	1,915	39,091	15,140	3,079	6,279	8,041	1,257	319
District of Columbia.....	5,906	1,724	19,800	11,359	5,651	12,473	5,680	2,825	301
Virginia.....	5,694	2,300	46,961	9,852	2,598	2,910	9,049	1,000	117
West Virginia.....	1,943	736	25,723	5,603	657	2,013	5,007	816	34
North Carolina.....	7,484	3,001	69,278	4,398	3,165	6,361	12,791	2,118	399
South Carolina.....	2,985	1,127	29,480	1,842	740	1,749	5,308	1,400	34
Georgia.....	5,767	1,788	44,368	4,927	3,083	3,366	8,600	1,154	122
Florida.....	6,887	2,244	65,343	27,462	1,813	6,028	10,177	1,540	312
<b>East South Central</b> .....	16,777	6,544	169,285	26,117	7,728	12,652	32,057	4,833	402
Kentucky.....	3,689	1,830	40,290	9,692	2,769	3,122	8,072	1,149	67
Tennessee.....	6,327	1,983	54,639	9,778	3,553	5,738	10,477	1,851	201
Alabama.....	3,543	1,453	38,535	3,233	1,134	2,359	7,601	1,096	78
Mississippi.....	3,218	1,278	35,821	3,414	272	1,433	5,907	737	56
<b>West South Central</b> .....	27,849	8,563	274,866	73,157	13,030	32,845	47,698	8,657	1,064
Arkansas.....	2,377	865	25,426	3,536	868	1,481	4,696	692	62
Louisiana.....	6,008	1,894	48,177	12,040	2,979	5,894	8,860	1,496	191
Oklahoma.....	4,657	1,329	47,295	9,417	1,732	6,963	8,219	1,863	253
Texas.....	14,807	4,475	153,968	48,164	7,451	18,507	25,923	4,606	558
<b>Mountain</b> .....	15,432	3,866	146,690	27,721	3,714	21,275	25,234	6,312	756
Montana.....	1,260	327	13,341	1,452	104	726	2,411	350	24
Idaho.....	1,203	332	11,071	2,169	981	515	1,631	219	14
Wyoming.....	603	225	5,939	518	75	632	893	255	38
Colorado.....	4,426	1,094	38,455	3,543	1,434	5,762	7,463	2,109	335
New Mexico.....	1,806	434	14,280	3,357	93	3,122	2,157	846	67
Arizona.....	2,903	688	27,327	11,162	558	6,485	4,591	1,508	142
Utah.....	2,752	672	33,036	3,515	469	3,680	5,572	930	133
Nevada.....	479	94	3,241	2,005	-	353	516	95	3
<b>Pacific</b> .....	60,311	16,298	386,567	226,839	15,004	78,301	61,533	13,849	2,369
Washington.....	6,231	1,844	56,324	11,603	1,430	6,261	9,602	1,619	292
Oregon.....	5,174	1,356	37,271	2,736	1,613	3,846	7,035	1,550	237
California.....	47,690	12,664	282,222	209,328	11,940	66,048	43,409	10,297	1,815
Alaska.....	374	69	1,173	400	-	90	191	43	5
Hawaii.....	842	365	9,577	2,772	21	2,056	1,296	340	20
<b>U.S. service academies</b> .....	2,678	172	13,342	3	-	1,106	2,712	443	2
<b>Other areas</b> .....	2,347	1,481	20,399	9,881	1,842	195	3,899	71	-
Puerto Rico.....	2,255	1,441	19,647	8,964	1,842	195	3,880	71	-
Canal Zone.....	38	14	436	463	-	-	-	-	-
Guam.....	54	26	316	454	-	-	19	-	-

- Represents zero. <sup>1</sup> See footnote 3, table 198.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Faculty and Other Professional Staff in Institutions of Higher Education, Fall Term 1963-64*; *Resident and Extension Enrollment in Institutions of Higher Education, Fall 1963*; and *Summary Report on Bachelor's and Higher Degrees Conferred During the Year 1964-65*, Circular OE-54010-65.

**No. 197. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, NONEXPENDABLE FUNDS, INCOME, AND EXPENDITURE, STATES AND OTHER AREAS: 1964**  
 [In thousands of dollars]

STATE OR OTHER AREA	Value of plant and plant funds <sup>1</sup>	Endowment and annuity funds <sup>2</sup>	INCOME FOR—			EXPENDITURE	
			Current operations	Nonexpendable funds	Plant expansion <sup>3</sup>	Current operations	Plant expansion <sup>4</sup>
<b>United States</b> .....	<b>22,874,718</b>	<b>7,160,517</b>	<b>9,543,514</b>	<b>629,371</b>	<b>2,532,004</b>	<b>9,177,677</b>	<b>1,906,536</b>
<b>New England</b> .....	<b>1,794,381</b>	<b>1,622,399</b>	<b>824,122</b>	<b>163,165</b>	<b>167,369</b>	<b>793,477</b>	<b>123,462</b>
Maine.....	104,736	41,984	35,012	3,119	11,546	34,238	8,734
New Hampshire.....	99,009	87,782	41,743	5,651	5,272	40,684	5,482
Vermont.....	78,932	27,743	33,471	2,773	8,421	31,616	6,220
Massachusetts.....	926,937	1,011,003	531,241	116,240	82,481	510,965	67,484
Rhode Island.....	129,714	48,596	50,516	3,288	19,093	48,155	13,496
Connecticut.....	455,053	405,291	132,139	32,094	40,556	127,819	22,046
<b>Middle Atlantic</b> .....	<b>3,947,395</b>	<b>1,699,784</b>	<b>1,666,060</b>	<b>141,932</b>	<b>482,102</b>	<b>1,625,721</b>	<b>404,708</b>
New York.....	2,226,722	1,014,579	981,375	88,863	311,964	951,591	277,872
New Jersey.....	469,062	200,620	185,900	15,388	53,714	178,400	45,199
Pennsylvania.....	1,251,611	484,585	498,785	37,681	116,424	495,730	81,637
<b>East North Central</b> .....	<b>4,665,164</b>	<b>964,591</b>	<b>1,828,788</b>	<b>78,216</b>	<b>507,003</b>	<b>1,757,591</b>	<b>387,550</b>
Ohio.....	1,002,546	309,056	380,611	24,658	147,762	364,447	71,656
Indiana.....	773,826	114,119	265,538	17,004	87,887	252,592	61,711
Illinois.....	1,325,152	409,513	598,601	20,439	121,132	571,648	128,181
Michigan.....	1,094,951	83,430	395,800	10,984	111,393	382,516	91,294
Wisconsin.....	468,689	48,473	188,838	5,131	38,829	186,388	34,708
<b>West North Central</b> .....	<b>2,020,754</b>	<b>358,997</b>	<b>791,234</b>	<b>31,263</b>	<b>219,954</b>	<b>752,312</b>	<b>153,088</b>
Minnesota.....	460,307	131,083	188,035	14,551	42,204	175,425	31,498
Iowa.....	345,596	46,519	171,635	4,179	59,922	161,690	34,600
Missouri.....	536,129	123,152	191,570	6,040	60,463	183,006	44,750
North Dakota.....	100,990	8,661	29,529	447	14,668	28,211	10,123
South Dakota.....	78,943	7,356	33,811	368	5,959	32,643	4,395
Nebraska.....	205,702	18,592	65,352	3,056	18,968	64,265	10,890
Kansas.....	293,087	23,634	111,302	2,622	17,770	107,072	16,832
<b>South Atlantic</b> .....	<b>2,874,753</b>	<b>721,234</b>	<b>1,113,931</b>	<b>69,070</b>	<b>257,744</b>	<b>1,064,935</b>	<b>164,800</b>
Delaware.....	65,614	36,973	18,211	5,647	10,079	16,920	6,588
Maryland.....	367,312	149,459	195,193	14,022	41,034	189,534	28,145
District of Columbia.....	253,526	37,774	114,404	2,186	11,113	109,480	7,115
Virginia.....	364,308	142,500	145,718	11,602	24,963	142,522	28,039
West Virginia.....	195,692	9,931	57,533	800	13,817	53,377	7,366
North Carolina.....	598,159	168,457	220,665	11,696	75,324	206,756	36,683
South Carolina.....	263,898	24,680	64,696	1,017	16,630	62,459	10,604
Georgia.....	347,273	123,404	128,722	18,572	18,566	122,452	17,139
Florida.....	418,971	28,056	168,789	3,528	46,218	161,435	23,121
<b>East South Central</b> .....	<b>1,151,957</b>	<b>265,090</b>	<b>405,195</b>	<b>17,402</b>	<b>111,122</b>	<b>393,081</b>	<b>87,943</b>
Kentucky.....	349,326	77,180	95,562	6,282	37,629	92,698	24,722
Tennessee.....	375,163	133,089	141,389	7,533	43,365	136,906	39,817
Alabama.....	232,267	44,365	99,233	2,921	12,143	96,419	9,405
Mississippi.....	195,201	10,456	69,011	666	17,985	67,058	13,999
<b>West South Central</b> .....	<b>1,912,726</b>	<b>770,857</b>	<b>656,752</b>	<b>47,765</b>	<b>217,461</b>	<b>619,694</b>	<b>140,910</b>
Arkansas.....	167,489	30,762	57,168	3,319	20,325	52,247	18,562
Louisiana.....	358,942	54,094	129,402	3,855	41,383	127,679	22,495
Oklahoma.....	305,260	38,242	110,092	3,956	25,141	106,197	33,500
Texas.....	1,081,035	647,759	360,150	36,635	130,612	333,571	66,353
<b>Mountain</b> .....	<b>1,054,918</b>	<b>95,244</b>	<b>398,522</b>	<b>6,660</b>	<b>142,156</b>	<b>383,340</b>	<b>116,267</b>
Montana.....	102,690	9,397	30,084	272	17,290	28,841	3,771
Idaho.....	75,560	18,505	27,295	1,205	9,247	24,871	8,766
Wyoming.....	47,136	11,000	16,384	872	3,611	15,837	1,917
Colorado.....	310,628	25,825	125,058	1,589	41,408	121,313	39,686
New Mexico.....	117,169	17,334	48,713	1,217	15,718	47,194	9,929
Arizona.....	161,494	3,112	66,053	413	23,262	63,536	22,397
Utah.....	207,801	7,857	74,072	957	28,432	71,042	28,225
Nevada.....	32,440	2,214	10,863	135	3,188	10,706	1,576
<b>Pacific</b> .....	<b>3,062,609</b>	<b>662,318</b>	<b>1,741,683</b>	<b>73,901</b>	<b>398,810</b>	<b>1,674,669</b>	<b>296,619</b>
Washington.....	429,236	110,494	160,475	12,631	58,060	153,388	35,190
Oregon.....	267,516	22,778	102,667	2,516	31,341	101,044	21,929
California.....	2,272,947	519,725	1,432,304	58,501	300,341	1,375,663	228,048
Alaska.....	40,463	2,722	13,914	216	7,949	13,211	10,073
Hawaii.....	52,447	6,599	32,323	37	1,119	31,363	1,379
<b>U.S. service academies</b> .....	<b>390,066</b>	<b>-</b>	<b>117,226</b>	<b>-</b>	<b>28,283</b>	<b>112,854</b>	<b>31,186</b>
<b>Other areas</b> .....	<b>57,139</b>	<b>1,681</b>	<b>47,816</b>	<b>233</b>	<b>2,177</b>	<b>47,312</b>	<b>1,920</b>
Puerto Rico.....	53,309	1,681	46,822	233	2,177	46,370	1,920
Canal Zone.....	1,250	-	359	-	-	359	-
Guam.....	2,523	-	582	-	-	529	-
Virgin Islands.....	56	-	54	-	-	54	-

- Represents zero. <sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.

<sup>2</sup> Comprises all nonexpendable funds other than student loans.

<sup>3</sup> Includes loans and transfers from current funds.

<sup>4</sup> Expenditures from plant funds only. An additional \$302 million reported under current operations was expended for plant expansion for U.S. and an additional \$1 million for other areas.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Financial Statistics of Institutions of Higher Education*, 1963-64.



No. 198. INSTITUTIONS OF HIGHER EDUCATION ATTENDED PREDOMINANTLY BY NEGROES—SUMMARY: 1950, 1960, AND 1964

ITEM	1950	1960 <sup>1</sup>	1964 <sup>2</sup>					
			Total	Universities, colleges, and professional schools		Teachers colleges <sup>3</sup>	Junior colleges <sup>4</sup>	
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled
Number of institutions...	105	106	107	20	49	12	15	11
Faculty <sup>5</sup> .....	6,933	(NA)	9,968	3,858	4,316	1,109	474	211
Male.....	4,151	(NA)	6,209	2,394	2,791	622	284	118
Female.....	2,782	(NA)	3,759	1,464	1,525	487	190	93
RESIDENT DEGREE-CREDIT STUDENTS								
Regular session:								
Total.....	76,561	88,859	105,495	45,838	38,558	14,902	4,273	1,924
Male.....	40,677	41,789	47,155	21,165	17,870	5,498	1,831	791
Female.....	35,884	47,070	58,340	24,673	20,688	9,404	2,442	1,133
Graduate.....	2,304	3,164	4,142	2,635	1,396	111	(X)	(X)
Male.....	1,161	1,440	1,771	958	777	36	(X)	(X)
Female.....	1,143	1,724	2,371	1,677	619	75	(X)	(X)
First time in any college.....	21,368	28,452	30,026	12,202	10,345	4,337	2,178	964
Male.....	10,613	13,234	13,297	5,812	4,459	1,659	951	416
Female.....	10,755	15,218	16,729	6,390	5,886	2,678	1,227	548
EARNED DEGREES CONFERRED								
Bachelor's and first professional.....	13,108	(NA)	14,058	5,611	5,908	2,539	(X)	(X)
Male.....	6,467	(NA)	5,667	2,414	2,439	814	(X)	(X)
Female.....	6,641	(NA)	8,391	3,197	3,469	1,725	(X)	(X)
Master's and second professional.....	768	(NA)	1,450	1,019	378	53	(X)	(X)
Male.....	335	(NA)	651	397	231	23	(X)	(X)
Female.....	433	(NA)	799	622	147	30	(X)	(X)
Doctor's.....	-	(NA)	7	1	6	(X)	(X)	(X)
Male.....	-	(NA)	5	1	4	(X)	(X)	(X)
Female.....	-	(NA)	2	-	2	(X)	(X)	(X)
OTHER TYPES OF STUDENTS								
Extension degree-credit courses.....	(NA)	1,717	1,946	1,762	134	50	-	-
Terminal occupational education.....	(NA)	2,576	1,588	454	453	284	283	114

- Represents zero. NA Not available. X Not applicable.

<sup>1</sup> Faculty and students are for the first term of the academic year.

<sup>2</sup> Faculty are for the first term of the academic year; students for fall 1963. <sup>3</sup> All publicly controlled.

<sup>4</sup> Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

<sup>5</sup> Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research staff in addition to regular staff.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*; *Faculty and Other Professional Staff in Institutions of Higher Education*; *Total Enrollment in Institutions of Higher Education, First Term, 1959-60*; *Resident and Extension Enrollment in Institutions of Higher Education, Fall 1963*; and *Earned Degrees Conferred*.

No. 199. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1966

[For 1940, excludes Alaska and Hawaii; beginning 1950, includes Puerto Rico, and 1965, Guam. See *Historical Statistics, Colonial Times to 1957*, series H 327-338, for figures excluding Alaska, Hawaii, and Puerto Rico]

YEAR	Total	Bachelor's or 1st professional degrees	Master's or 2d-level degrees	Doctorates	YEAR	Total	Bachelor's or 1st professional degrees	Master's or 2d-level degrees	Doctorates
1940.....	216,521	186,500	26,731	3,290	1962.....	516,996	420,485	84,889	11,622
1950.....	498,373	433,734	58,219	6,420	1963.....	554,832	450,592	91,418	12,822
1955.....	354,445	287,401	58,204	8,840	1964.....	617,716	502,104	101,122	14,490
1960.....	479,215	394,889	74,497	9,829	1965.....	667,592	538,930	112,195	16,467
1961.....	490,628	401,784	78,269	10,575	1966 <sup>1</sup> .....	683,900	538,000	128,600	17,300

<sup>1</sup> Estimated.

Source: Dept. of Health, Education, and Welfare, Office of Education; annual reports, *Earned Degrees Conferred* and *Digest of Educational Statistics*.



# No. 200. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1965

[Includes Puerto Rico and Guam]

MAJOR FIELD OF STUDY	BACHELOR'S OR 1ST PROFESSIONAL DEGREES <sup>1</sup>			MASTER'S OR 2D-LEVEL DEGREES <sup>2</sup>			DOCTORATES		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>All fields</b> .....	538,930	319,670	219,260	112,195	76,211	35,984	16,467	14,692	1,775
Agriculture.....	5,194	5,026	168	1,157	1,123	34	478	465	13
Animal science.....	1,325	1,265	60	237	234	3	117	111	6
All other.....	3,869	3,761	108	920	889	31	361	354	7
Architecture <sup>3</sup> .....	2,333	2,225	108	373	344	29	10	9	1
Biological sciences <sup>4</sup> .....	25,304	17,902	7,402	3,604	2,629	975	1,928	1,698	230
Premedical, pre dental, and pre-veterinary.....	3,259	3,013	246	13	13	-	-	-	-
Biology, general.....	15,559	10,298	5,261	1,312	938	374	180	141	39
Zoology, general.....	3,880	2,912	968	575	425	150	239	209	30
All other.....	2,606	1,679	927	1,704	1,253	451	1,509	1,348	161
Business and commerce.....	63,009	57,901	5,108	7,585	7,344	241	321	315	6
Accounting.....	15,012	14,106	906	617	583	34	32	30	2
General, without major specialization.....	23,368	21,595	1,773	3,278	3,176	102	117	116	1
All other.....	24,629	22,200	2,429	3,690	3,585	105	172	169	3
Computer science and systems analysis.....	87	83	4	146	140	6	6	5	1
Education.....	119,171	28,152	91,019	43,741	22,976	20,765	2,708	2,179	529
Specialized teaching fields.....	42,753	19,371	23,382	10,547	5,969	4,578	465	351	114
General teaching fields.....	74,711	8,248	66,463	11,952	4,070	7,882	332	245	87
Other education fields.....	1,707	533	1,174	21,242	12,937	8,305	1,911	1,583	328
Engineering.....	36,795	36,656	139	12,056	12,012	44	2,124	2,114	10
English and journalism.....	39,021	14,047	24,974	5,461	2,553	2,908	706	555	151
English and literature.....	36,207	12,366	23,841	5,077	2,267	2,810	689	540	149
Journalism.....	2,814	1,681	1,133	384	286	98	17	15	2
Fine and applied arts.....	17,412	7,190	10,222	4,244	2,473	1,771	428	360	68
Music <sup>5</sup> .....	3,469	1,475	1,994	1,463	896	567	141	120	21
Speech and dramatic arts <sup>6</sup> .....	4,889	2,016	2,873	1,360	749	611	231	199	32
All other.....	9,054	3,699	5,355	1,421	828	593	56	41	15
Foreign languages and literature.....	14,105	4,158	9,947	2,873	1,334	1,539	436	315	121
Forestry.....	1,576	1,574	2	209	207	2	51	51	-
Geography.....	1,597	1,306	291	355	307	48	70	65	5
Health professions.....	27,519	15,439	12,080	2,530	1,418	1,112	173	157	16
Dentistry, D.D.S. and D.M.D.....	3,135	3,112	23	(X)	(X)	(X)	(X)	(X)	(X)
Medicine, M.D.....	7,347	6,869	478	(X)	(X)	(X)	(X)	(X)	(X)
Nursing.....	7,908	77	7,831	809	17	792	8	1	7
Pharmacy (excl. pharmacology).....	3,448	2,958	490	166	139	27	69	66	3
All other.....	5,681	2,423	3,258	1,555	1,262	293	96	90	6
Home economics <sup>7</sup> .....	5,208	109	5,099	674	15	659	58	12	46
Law, LL.B., J.D., or higher degrees.....	12,000	11,596	404	672	650	22	29	27	2
Library sciences.....	2,880	595	2,285	954	241	713	12	11	1
Mathematical subjects.....	19,581	13,132	6,449	4,148	3,342	806	682	623	59
Merchant Marine <sup>8</sup> .....	229	229	-	(X)	(X)	(X)	(X)	(X)	(X)
Military, naval, or air force science.....	1,905	1,904	1	2	2	-	-	-	-
Philosophy.....	4,810	4,175	635	581	503	78	144	127	17
Physical sciences <sup>9</sup> .....	17,916	15,384	2,532	4,918	4,405	513	2,829	2,702	127
Chemistry (excl. biochemistry).....	10,045	8,111	1,934	1,684	1,362	322	1,377	1,277	100
Physics.....	4,954	4,708	246	1,906	1,826	80	942	922	20
Geology.....	1,105	986	119	477	452	25	252	251	1
All other.....	1,812	1,579	233	851	765	86	258	252	6
Psychology.....	14,721	8,688	6,033	2,241	1,509	732	847	688	159
Religion.....	8,732	7,192	1,540	1,458	1,216	242	331	312	19
Religious education and Bible.....	2,960	1,929	1,031	277	165	112	55	49	6
Theology <sup>10</sup> .....	4,780	4,675	105	(X)	(X)	(X)	(X)	(X)	(X)
All other.....	992	588	404	1,181	1,051	130	276	263	13
Social sciences <sup>11</sup> .....	87,346	56,996	30,350	10,661	8,245	2,416	1,991	1,806	185
Social sciences, general.....	13,528	8,401	5,127	1,136	822	314	21	21	-
Economics (excl. agric. econ.).....	10,895	9,856	1,039	1,268	1,118	150	410	393	17
History.....	25,873	16,832	9,041	3,161	2,258	903	576	526	50
Political science or government.....	13,693	10,655	3,038	1,210	980	230	304	278	26
Sociology.....	12,896	5,123	7,773	789	543	246	230	194	36
Social work, admin., welfare.....	4,039	1,378	2,661	377	162	215	34	17	17
All other.....	6,422	4,751	1,671	2,720	2,362	358	416	377	39
Trade and industrial training.....	1,928	1,924	4	38	38	-	9	9	-
Miscellaneous.....	8,551	6,087	2,464	1,514	1,185	329	96	87	9

- Represents zero. X Not applicable.

<sup>1</sup> Includes first-professional degrees requiring 5 or more years.<sup>2</sup> Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees. <sup>3</sup> Excludes architectural engineering.<sup>4</sup> Excludes psychology, listed independently. <sup>5</sup> Includes sacred music; excludes music education.<sup>6</sup> Excludes speech correction. <sup>7</sup> Excludes home economics education.<sup>8</sup> Deck officer only. <sup>9</sup> Excludes geography, listed independently.<sup>10</sup> Curriculum leading specifically to first-professional ministerial degree.<sup>11</sup> Excludes geography, philosophy, and psychology, listed independently.Source: Dept. of Health, Education, and Welfare, Office of Education; *Summary Report on Bachelor's and Higher Degrees Conferred During the Year 1964-65*, Circular OE-54010-65.

# No. 201. LAND-GRANT INSTITUTIONS—FINANCES, STUDENTS, AND EARNED DEGREES CONFERRED: 1940 TO 1964

[Money figures in thousands of dollars. Enrollment data are for first semester or first quarter, except as noted; income and expenditure figures for years ending June 30. Includes Puerto Rico. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. All institutions conform to certain broad policy stipulations of Federal law]

ITEM	1940	1950	1955	1960	1963	1964
Number of Institutions.....	69	69	69	68	68	68
<b>Current income</b> .....	(NA)	(NA)	986,724	1,745,189	2,498,974	2,807,609
Educational and general.....	165,411	570,769	827,766	1,486,370	2,142,290	2,405,751
Student fees.....	28,226	50,210	83,524	149,574	215,329	248,013
Federal government.....	30,245	177,901	208,141	450,384	771,808	880,073
State government.....	77,896	262,127	412,571	678,590	879,800	985,326
Other.....	29,044	80,532	123,531	207,822	275,353	292,339
Auxiliary enterprises.....	32,129	128,785	151,320	239,409	329,435	367,740
Scholarships, fellowships, and prizes.....	(NA)	(NA)	7,638	19,410	27,250	34,118
<b>Current expenditure</b> .....	(NA)	(NA)	970,345	1,700,490	2,433,937	2,726,798
Educational and general.....	152,389	528,028	813,445	1,447,566	2,086,121	2,331,504
Instruction and departmental research.....	63,292	186,868	275,760	437,329	594,935	657,746
Organized research.....	20,670	121,428	224,613	495,181	787,183	868,587
Extension and public services.....	30,430	75,214	102,513	161,506	211,190	( <sup>1</sup> )
Other.....	37,997	144,518	210,560	353,549	492,813	805,171
Auxiliary enterprises.....	28,379	121,731	145,360	220,170	298,833	334,314
Scholarships, fellowships, and prizes.....	(NA)	(NA)	11,540	32,754	48,983	60,980
<b>STUDENTS</b>						
Resident and extension.....	(NA)	(NA)	<sup>2</sup> 547,943	690,276	819,026	<sup>3</sup> 856,455
Degree-credit.....	<sup>4</sup> 351,621	<sup>4</sup> 790,005	<sup>2</sup> 485,764	639,637	781,372	843,154
Nondegree-credit.....	(NA)	(NA)	<sup>2</sup> 62,179	50,639	37,654	<sup>3</sup> 13,301
Other enrollments.....	<sup>5</sup> 28,584	<sup>5</sup> 91,628	<sup>2</sup> 80,649	166,406	99,358	(NA)
<b>EARNED DEGREES CONFERRED</b>						
Bachelor's and 1st professional.....	42,054	106,429	61,624	82,431	90,260	101,390
Master's.....	6,599	14,322	14,138	18,267	23,175	25,780
Doctor's.....	1,089	2,557	3,470	3,899	5,109	5,859

NA Not available. <sup>1</sup> Included in "Other." <sup>2</sup> As of November 1954. <sup>3</sup> Excludes adult education.

<sup>4</sup> Academic year, regular session. <sup>5</sup> Correspondence courses only.

Source: Dept. of Health, Education, and Welfare, Office of Education; annual report, *Statistics of Land-Grant Colleges and Universities*; *Selected Statistics of State Universities and Land-Grant Colleges*, November 1964 and 1965; and *Digest of Educational Statistics*, 1966.

## No. 202. PUBLIC LIBRARIES—SELECTED DATA: 1960 AND 1962

[For fiscal years. Includes Puerto Rico and outlying areas. Refers to libraries serving populations of 35,000 and over]

ITEM	1960	1962	ITEM	1960	1962
Libraries.....number.....	823	860	Total cost—Con.		
Population of areas served.....1,000.....	112,556	118,094	Operating expenditures—Con.		
Volumes collected, end of year.....			Total salaries (all personnel)		
1,000.....	130,638	163,269	\$1,000.....	135,876	167,797
Per capita.....	1.16	1.38	Percent of operating		
Volumes added during year.....			expenditures.....	68.2	66.3
1,000.....	10,502	12,864	Percent of total cost.....	58.0	61.8
Per capita.....	.09	.11	Professional salaries.....\$1,000.....	58,107	71,263
Circulation.....1,000.....	454,706	523,960	Percent of total salaries.....	42.8	42.5
Per capita.....	4.04	4.44	Average salary.....	\$5,406	\$5,768
Total personnel (in full-time			Other salaries.....\$1,000.....	77,769	96,534
equivalents).....	35,464	40,662	Percent of total salaries.....	57.2	57.5
Professional personnel.....	10,748	12,355	Average salary.....	\$3,147	\$3,410
Percent of total.....	30.3	30.4	Expenditures for library		
Total cost.....\$1,000.....	234,185	271,702	materials.....\$1,000.....	30,037	39,542
Capital outlay.....\$1,000.....	34,960	18,772	Per capita.....	\$0.27	\$0.33
Per capita.....	\$0.31	\$0.16	Percent of operating		
Percent of total cost.....	14.9	6.9	expenditures.....	15.1	15.6
Operating expenditures.....\$1,000.....	199,225	252,929	Expenditures for binding		
Per capita.....	\$1.77	\$2.14	and rebinding.....\$1,000.....	3,364	4,143
Percent of total cost.....	85.1	93.1	Percent of operating ex-		
			penditures.....	1.7	1.6
			Other expenditures.....\$1,000.....	29,949	41,447
			Percent of operating ex-		
			penditures.....	15.0	16.4

Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1966.



### No. 203. VOCATIONAL TRAINING—INSTITUTIONAL AND ON-THE-JOB TRAINING PROJECTS AND TRAINEES APPROVED: 1965 AND 1966

[Covers training under Federal Manpower Development and Training Act of 1962, as amended]

ITEM	1965	1966	ITEM	1965	1966
INSTITUTIONAL PROJECTS			ON-THE-JOB PROJECTS		
Projects.....	2,536	2,893	Projects.....	1,290	2,593
Trainees:			Trainees <sup>3</sup> .....	64,625	113,527
Approved.....	167,130	159,682	Estimated training cost per		
Enrolled <sup>1</sup> .....	139,000	164,700	trainee <sup>4</sup> .....	\$575	\$484
Completed <sup>1</sup> .....	75,000	96,000	Average contract cost <sup>4</sup> .....	\$493	\$399
Estimated cost per trainee.....	\$1,492	\$1,927	Average allowance cost.....	\$56	\$48
Average allowance cost.....	\$743	\$1,089	Average instructional cost <sup>5</sup> .....	\$26	\$37
Average instructional cost.....	\$749	\$838	Funds committed <sup>2,4</sup> .....\$1,000..	37,140	54,903
Funds committed <sup>2</sup> .....\$1,000..	249,348	307,759	EXPERIMENTAL AND DEMONSTRATION PROJECTS		
Allowances.....\$1,000..	124,129	173,874	Projects approved.....	94	97
Training.....\$1,000..	125,219	133,885	Persons to be served.....	37,587	40,000
			Funds committed <sup>6</sup> .....\$1,000..	15,445	19,584

<sup>1</sup> Estimated.   <sup>2</sup> As of June 30, 1966.

<sup>3</sup> Includes persons referred to on-the-job training from experimental and demonstration projects, as well as trainee approvals under Counselor Aides (CAUSE) program.

<sup>4</sup> Includes funds committed for persons referred to on-the-job training from experimental and demonstration projects, as well as funds for Counselor Aides (CAUSE) program.

<sup>5</sup> Involves supplementary institutional instruction not included in contract.

<sup>6</sup> For nontraining services.

Source: Dept. of Labor, Manpower Administration; unpublished data.

### No. 204. VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM: 1965

[For year ending June 30. Includes Puerto Rico, Guam, and Virgin Islands. The post secondary program is an extension of the secondary program which enrolls only secondary school graduates or their equivalent. Totals include data for persons with special needs, not shown separately. See headnote, table 205]

PROGRAM	TEACHERS		Students (1,000)	PROGRAM	TEACHERS		Students (1,000)
	Full time	Part time			Full time	Part time	
<b>Total, all programs</b> .....	53,648	69,833	5,431	<b>Office occupations</b> .....	6,045	9,673	731
Adult.....	4,973	49,075	2,378	Adult.....	91	3,874	187
Secondary.....	41,366	13,882	2,820	Secondary.....	5,310	5,159	498
Post secondary.....	6,963	6,620	207	Post secondary.....	549	288	44
<b>Agriculture</b> .....	9,712	8,931	888	<b>Technical education<sup>2</sup></b> .....	3,606	4,871	226
Adult.....	1,739	6,467	367	Adult.....	361	2,698	130
Secondary.....	7,896	2,244	517	Secondary.....	660	243	24
Post secondary.....	71	212	2	Post secondary.....	2,585	1,930	72
<b>Distribution<sup>1</sup></b> .....	1,778	5,508	333	<b>Trades and industry</b> .....	13,506	21,492	1,088
Adult.....	99	4,489	250	Adult.....	1,230	18,316	757
Secondary.....	1,555	892	76	Secondary.....	9,967	2,372	253
Post secondary.....	118	120	6	Post secondary.....	2,130	3,647	60
<b>Health occupations</b> .....	2,227	1,194	67	<b>Other (guidance coun-</b>			
Adult.....	693	753	37	sors).....	1,522	816	(X)
Secondary.....	145	90	9	Adult.....	30	224	(X)
Post secondary.....	1,385	346	21	Secondary.....	1,366	390	(X)
<b>Home economics</b> .....	15,252	14,348	2,099	Post secondary.....	113	37	(X)
Adult.....	730	12,254	650				
Secondary.....	14,467	1,992	1,443				
Post secondary.....	12	40	2				

X Not applicable.

<sup>1</sup> Training in which workers engage in merchandising activities, are in contact with buyers and sellers in distributing goods or services, or are responsible for the management of such businesses.

<sup>2</sup> Training of highly skilled technicians in recognized occupations requiring scientific knowledge essential in fields relating to national defense.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Vocational and Technical Education, Fiscal Year 1966*.



**No. 205. VOCATIONAL PROGRAMS, FEDERALLY AIDED—TOTAL AND FEDERAL EXPENDITURES, 1940 TO 1965, STATES AND OTHER AREAS, 1965**

[In thousands of dollars. For years ending June 30. Includes Puerto Rico for all years; Virgin Islands, beginning 1955; and Guam, beginning 1960. Institutions federally aided are reimbursed from Federal funds provided under the Smith-Hughes Act (National Vocational Education Act of 1917) and subsequent acts extending benefits to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade]

YEAR AND STATE OR OTHER AREA	All pro- grams, total funds	AGRICULTURE		TRADE AND INDUSTRY		HOME ECONOMICS		TECHNICAL EDUCATION <sup>1</sup>		OFFICE OCCUPATIONS <sup>2</sup>		OTHER <sup>3</sup>	
		Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal
1940.....	55,081	18,373	7,346	22,561	7,105	13,072	4,916	(X)	(X)	(X)	(X)	1,074	637
1950.....	128,717	38,523	10,087	47,869	8,612	36,916	6,241	(X)	(X)	(X)	(X)	5,408	1,683
1955.....	164,761	53,707	11,826	55,560	9,999	49,461	7,701	(X)	(X)	(X)	(X)	6,033	825
1960.....	238,812	67,302	13,688	72,860	11,482	68,656	8,908	14,027	5,968	(X)	(X)	15,967	5,267
1964.....	332,785	77,474	13,719	103,192	11,496	89,872	8,874	34,907	13,597	(X)	(X)	27,340	7,341
<b>1965</b>													
<b>Total....</b>	<b>488,090</b>	<b>86,840</b>	<b>20,423</b>	<b>145,260</b>	<b>34,101</b>	<b>98,409</b>	<b>9,769</b>	<b>62,612</b>	<b>21,027</b>	<b>53,673</b>	<b>12,120</b>	<b>41,296</b>	<b>9,945</b>
Ala.....	10,261	2,724	429	4,315	193	2,273	218	489	245	6	3	454	161
Alaska.....	341	17	8	93	42	181	45	14	7	-	-	36	18
Ariz.....	3,688	561	175	726	249	1,052	74	619	335	224	151	506	147
Ark.....	4,484	1,653	302	647	140	1,686	154	141	70	31	12	326	129
Calif.....	47,671	4,142	767	15,725	3,003	6,965	479	9,204	2,205	7,314	2,163	4,321	978
Colo.....	3,935	564	198	905	326	1,080	87	581	238	367	157	438	122
Conn.....	5,748	309	71	3,150	632	495	93	1,287	366	264	260	243	103
Del.....	1,657	250	52	522	67	602	43	131	65	-	-	152	38
D.C.....	1,332	102	51	770	314	173	53	37	24	53	28	197	64
Fla.....	18,226	2,408	392	4,941	1,285	4,913	227	2,074	696	2,192	747	1,698	289
Ga.....	14,333	3,291	414	4,947	1,697	3,891	274	815	389	759	231	630	227
Hawaii.....	1,877	330	118	569	155	295	50	44	20	436	109	203	97
Idaho.....	2,232	598	299	468	195	616	132	251	95	114	66	185	70
Ill.....	15,592	3,307	1,632	3,321	1,651	4,217	411	1,359	679	1,916	391	1,472	538
Ind.....	8,087	2,035	546	2,328	462	2,706	268	552	258	-	-	466	176
Iowa.....	6,957	2,162	752	1,036	366	1,528	230	1,389	694	236	118	606	253
Kans.....	4,739	1,307	352	1,466	454	814	137	493	232	302	90	357	119
Ky.....	8,531	2,186	490	2,176	777	2,290	255	310	153	1,097	546	472	156
La.....	10,470	2,512	259	3,290	995	2,643	196	791	323	588	304	646	205
Maine.....	1,479	156	71	634	239	443	70	106	53	-	-	140	59
Md.....	4,375	603	162	2,495	384	403	129	356	178	345	172	173	61
Mass.....	13,837	995	136	10,033	1,730	1,309	149	870	345	-	-	630	219
Mich.....	11,752	1,757	440	3,086	478	3,433	343	1,345	577	767	-	1,364	294
Minn.....	9,537	2,925	526	2,214	347	2,266	193	697	348	573	264	862	206
Miss.....	7,838	2,853	998	1,650	700	2,082	223	976	490	-	-	277	120
Mo.....	8,137	2,031	647	1,740	441	1,951	233	881	440	772	386	762	253
Mont.....	1,167	382	97	184	49	370	55	145	72	-	-	86	29
Nebr.....	2,548	854	324	341	136	793	101	351	175	2	1	207	84
Nev.....	1,604	311	59	393	67	453	46	214	93	32	15	201	41
N.H.....	904	142	65	208	77	296	55	198	68	-	-	60	28
N.J.....	8,818	486	131	3,542	1,138	690	200	1,152	406	2,133	596	815	270
N. Mex.....	2,541	538	155	326	143	631	78	343	91	473	129	230	106
N.Y.....	68,734	3,117	623	18,089	4,708	1,488	441	15,576	3,479	21,537	986	8,927	791
N.C.....	21,136	5,205	2,319	7,433	1,016	4,837	473	2,080	652	1	-	1,580	268
N. Dak.....	2,111	511	182	340	102	698	68	290	139	97	48	175	78
Ohio.....	15,157	3,192	617	4,664	1,072	3,673	391	1,323	661	743	277	1,562	422
Okl.....	8,710	3,408	515	1,774	438	2,117	181	879	347	72	41	460	145
Oreg.....	4,022	833	153	945	331	693	127	452	174	673	182	426	121
Pa.....	17,740	2,340	513	6,696	1,140	2,530	547	2,445	1,220	2,546	1,270	1,183	410
R.I.....	812	96	48	356	63	256	43	35	11	-	-	69	25
S.C.....	8,047	2,282	390	998	234	1,706	214	2,043	977	702	289	316	120
S. Dak.....	1,343	463	179	182	74	486	64	103	52	-	-	109	46
Tenn.....	10,723	1,884	523	4,237	1,142	2,650	286	571	283	748	374	633	200
Tex.....	28,147	9,410	639	3,704	581	11,571	398	1,238	619	68	58	2,156	373
Utah.....	4,781	551	94	2,933	570	500	62	320	73	271	57	206	57
Vt.....	1,197	192	60	424	81	308	49	159	79	18	8	96	38
Va.....	13,630	2,595	575	3,457	993	3,164	266	671	291	2,063	806	1,680	308
Wash.....	9,642	1,561	541	2,313	745	2,558	150	1,418	473	790	202	1,002	332
W. Va.....	3,467	717	180	1,090	180	862	179	424	212	193	96	181	84
Wis.....	16,017	2,715	622	4,965	824	1,858	226	4,078	709	1,423	271	978	335
Wyo.....	872	363	53	107	53	314	44	21	11	-	-	67	24
P.R.....	6,764	886	468	2,116	739	2,527	239	253	126	731	216	251	101
Guam.....	163	11	5	141	69	11	5	-	-	-	-	-	-
V.I.....	177	18	8	56	14	61	14	17	8	-	-	25	11

- Represents zero. X Not applicable. <sup>1</sup> Program initiated in 1958. <sup>2</sup> Program initiated in 1965.

<sup>3</sup> Includes "distributive occupations" and, beginning 1960, "health occupations," a program initiated in 1956.

<sup>4</sup> Excludes Federal, State and local funds expended for construction of area school facilities and work-study programs.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Vocational and Technical Education, Fiscal Year 1965*.

**No. 206. VOCATIONAL PROGRAMS, FEDERALLY AIDED—TOTAL ENROLLMENT, 1964 AND 1965, AND BY TYPE OF PROGRAM, 1965, STATES AND OTHER AREAS**

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 205]

STATE OR OTHER AREA	1964, total	1965							
		Total	Agri- culture	Trade and industry	Home economics	Distrib- utive occupa- tions	Health occupa- tions	Techni- cal edu- cation	Office occupa- tions
<b>Total...</b>	<b>4,566,390</b>	<b>5,430,611</b>	<b>887,529</b>	<b>1,087,807</b>	<b>2,098,520</b>	<b>333,342</b>	<b>66,772</b>	<b>225,737</b>	<b>730,904</b>
Ala.....	129,951	107,080	39,474	22,236	38,855	1,554	2,147	1,769	1,045
Alaska.....	2,667	3,058	42	1,036	1,528	330	20	102	-
Ariz.....	32,349	38,013	2,668	7,938	21,575	3,477	271	2,035	49
Ark.....	93,476	97,898	28,996	12,864	48,917	4,329	767	858	1,167
Calif.....	499,517	451,792	17,684	142,971	121,012	57,777	8,170	67,264	36,914
Colo.....	54,582	60,320	3,356	16,196	24,403	7,537	1,056	1,639	6,133
Conn.....	33,141	33,723	1,129	11,660	9,328	1,455	737	9,251	163
Del.....	11,007	9,232	907	2,655	4,584	437	241	408	-
D.C.....	8,009	10,118	-	3,808	3,385	1,330	671	122	802
Fla.....	186,950	277,018	16,687	39,248	133,550	20,809	3,033	11,325	52,366
Ga.....	168,119	193,879	57,455	32,216	82,934	9,311	1,614	2,472	7,877
Hawaii.....	18,289	17,529	2,667	3,956	8,810	343	153	320	1,280
Idaho.....	16,492	19,501	4,377	2,446	9,723	682	438	744	1,091
Ill.....	125,899	150,383	26,341	34,842	59,555	4,056	1,634	6,280	17,675
Ind.....	75,151	79,121	17,857	12,046	39,861	6,158	687	2,512	-
Iowa.....	65,985	76,594	25,714	13,056	31,728	2,668	480	2,669	279
Kans.....	45,387	48,785	6,725	14,197	15,544	6,565	1,315	2,160	2,279
Ky.....	81,828	80,952	17,986	20,283	38,065	2,661	733	895	329
La.....	91,954	103,778	21,398	17,957	46,990	3,391	1,073	5,127	7,842
Maine.....	8,769	21,791	1,118	3,701	16,146	605	99	122	-
Md.....	37,861	120,166	4,183	14,911	14,809	2,157	151	2,407	81,548
Mass.....	71,991	72,023	1,402	24,570	41,445	1,946	965	1,695	-
Mich.....	160,396	196,733	15,300	54,030	89,784	22,358	2,760	6,697	5,804
Minn.....	108,283	178,519	27,893	24,929	98,257	6,412	939	5,247	14,842
Miss.....	98,567	100,857	39,515	9,862	44,108	3,196	713	3,463	-
Mo.....	69,899	81,485	16,989	10,671	43,510	6,342	1,527	2,446	-
Mont.....	11,777	12,430	3,280	2,803	5,069	389	132	757	-
Nebr.....	31,720	35,713	8,682	5,808	18,607	1,623	350	643	-
Nev.....	10,030	11,723	565	2,285	5,149	494	232	2,707	291
N.H.....	7,892	7,322	525	1,482	4,889	40	142	244	-
N.J.....	37,472	65,950	1,975	16,143	5,400	1,838	1,193	7,756	31,645
N. Mex.....	14,003	19,703	2,404	1,686	8,897	1,619	104	395	4,598
N.Y.....	331,884	461,113	10,927	92,534	71,216	14,034	6,081	13,174	253,147
N.C.....	187,682	200,027	63,916	43,785	77,199	6,190	2,081	4,753	2,103
N. Dak.....	20,239	18,870	5,131	1,677	10,720	341	391	610	-
Ohio.....	169,788	209,420	22,387	63,239	103,811	11,059	3,268	1,040	4,616
Okla.....	73,861	76,523	24,186	13,411	32,280	1,615	1,181	3,850	-
Oreg.....	33,868	44,805	6,122	8,122	15,931	1,849	592	1,555	10,634
Pa.....	109,292	187,243	13,914	39,625	45,074	9,058	3,772	7,000	68,800
R.I.....	11,800	8,374	711	2,917	4,364	72	93	217	-
S.C.....	113,500	126,668	43,034	12,752	55,988	5,427	663	1,745	7,059
S. Dak.....	16,486	17,311	5,823	3,228	6,831	1,064	151	214	-
Tenn.....	101,581	107,314	23,348	21,176	53,787	5,069	2,009	1,925	-
Tex.....	441,111	466,045	172,519	51,864	185,579	36,363	4,076	14,843	801
Utah.....	27,699	51,043	4,291	7,763	18,413	2,400	422	1,398	16,356
Vt.....	8,002	18,151	913	2,504	13,733	89	214	668	30
Va.....	114,756	189,178	24,936	25,125	70,900	30,642	1,840	1,920	33,815
Wash.....	122,237	143,987	10,164	40,077	57,381	8,634	2,352	9,599	15,780
W. Va.....	33,923	37,121	6,382	9,849	17,553	1,147	570	759	861
Wis.....	152,942	173,826	24,567	45,819	58,463	8,084	1,765	7,582	27,546
Wyo.....	7,964	6,608	1,758	1,010	3,632	167	21	20	-
P.R.....	76,181	92,210	7,008	15,828	48,925	6,149	644	319	13,337
Guam.....	1,182	1,464	123	741	600	-	-	-	-
V.I.....	999	10,121	75	269	9,723	-	39	15	-

- Represents zero. <sup>1</sup> Includes 2,427 enrolled in fisheries occupations.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Vocational and Technical Education, Fiscal Year 1965*.



## No. 207. FEDERAL FUNDS FOR EDUCATION AND RELATED ACTIVITIES: 1962 TO 1966

[In millions of dollars. For years ending June 30. Includes Puerto Rico and outlying areas]

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>4,730.4</b>	<b>5,305.2</b>	<b>5,818.1</b>	<b>7,434.2</b>	<b>10,583.5</b>
<b>Federal funds supporting education in educational institutions</b> <sup>1</sup> .....	<b>2,067.1</b>	<b>2,383.6</b>	<b>2,722.8</b>	<b>3,878.2</b>	<b>6,725.9</b>
<b>Grants</b> .....	<b>1,745.9</b>	<b>1,987.1</b>	<b>2,323.5</b>	<b>3,348.7</b>	<b>6,113.4</b>
Elementary-secondary education.....	554.4	599.8	665.8	892.2	2,410.5
Assistance for educationally deprived children.....	-	-	-	-	959.0
School assistance—Federally affected areas.....	304.9	330.3	323.1	407.6	433.9
Assistance for special groups <sup>2</sup> .....	53.0	60.9	67.0	123.5	404.3
National Defense Education Act (Titles III and VA).....	58.6	58.1	92.4	90.5	103.6
Supporting services <sup>3</sup> .....	4.3	4.7	5.2	6.5	173.1
Public lands revenue for schools.....	43.5	44.6	48.6	51.5	54.1
Dependents schools abroad.....	40.5	45.3	61.5	80.5	86.1
Vocational education.....	26.4	26.3	24.9	77.4	115.9
School assistance in special areas <sup>4</sup> .....	14.8	17.7	32.6	50.2	68.8
Teacher Corps.....	4.0	6.8	5.1	-	6.5
Science education, NSF.....	3.6	3.9	4.4	3.4	4.0
Other.....	.8	1.2	1.0	1.1	1.2
<b>Higher education</b> .....	<b>991.9</b>	<b>1,161.5</b>	<b>1,333.7</b>	<b>1,901.9</b>	<b>2,656.6</b>
Basic research in educational institutions proper.....	384.5	455.2	551.9	634.2	730.9
Research facilities.....	121.8	157.9	133.5	191.7	229.6
Training grants.....	196.0	234.6	261.2	282.4	365.5
Fellowships and traineeships.....	103.9	143.0	181.8	196.9	264.9
Institutional support—facilities <sup>5</sup> .....	37.1	41.1	56.1	384.1	668.9
Institutional support—other <sup>6</sup> .....	33.0	43.4	69.5	93.4	163.8
Other student assistance <sup>7</sup> .....	103.9	69.9	62.3	100.4	214.2
Other support.....	11.7	16.4	17.4	18.8	18.8
<b>Adult vocational-technical and continuing education</b> .....	<b>87.8</b>	<b>113.5</b>	<b>203.8</b>	<b>434.4</b>	<b>926.1</b>
Vocational-technical education.....	27.7	74.7	161.9	342.2	501.5
Assistance for special groups <sup>2</sup> .....	6.9	8.0	9.1	72.4	385.1
Veterans education.....	49.9	29.0	25.1	10.3	6.3
General continuing education.....	.4	.4	1.9	1.5	19.2
Training State and local personnel.....	2.9	1.4	5.8	8.0	14.0
Value of surplus property transferred <sup>8</sup> .....	111.8	112.3	120.2	120.2	120.2
<b>Loans</b> .....	<b>321.2</b>	<b>396.5</b>	<b>399.3</b>	<b>529.5</b>	<b>612.5</b>
Elementary-secondary education.....	.7	.6	.5	.4	.8
Higher education.....	320.5	395.9	398.8	528.2	610.7
Student loan programs <sup>9</sup> .....	74.6	90.7	111.3	159.2	234.9
Loans for facilities <sup>10</sup> .....	245.9	305.2	287.5	369.0	375.8
Vocational education insured loan fund.....	-	-	-	.9	1.0
<b>Other Federal funds</b> <sup>11</sup> .....	<b>2,663.3</b>	<b>2,921.6</b>	<b>3,095.3</b>	<b>3,556.0</b>	<b>3,857.6</b>
Applied research and development.....	912.3	1,042.0	1,052.9	1,103.0	1,197.9
Related school services.....	373.8	386.2	418.6	510.0	521.9
School lunch and milk programs.....	366.9	379.3	411.7	500.5	512.2
Job placement for high school seniors.....	6.9	6.9	6.9	9.5	9.7
Training of Federal personnel.....	1,177.5	1,279.6	1,370.4	1,577.9	1,706.7
Military academies <sup>12</sup> .....	74.0	75.7	77.4	105.1	137.2
Professional and technical training of military.....	1,072.0	1,172.0	1,245.0	1,399.1	1,487.9
Training in nongovernment facilities.....	31.5	31.9	48.0	73.7	81.6
Library services.....	22.2	23.9	25.3	82.9	86.3
Grants to public libraries.....	6.9	7.4	7.5	54.9	55.0
National library services.....	15.3	16.5	17.8	28.0	31.3
International education.....	109.1	116.1	130.0	177.2	222.5
Educational exchange program.....	28.1	35.6	38.0	45.1	53.5
AID Education projects and training.....	81.0	80.5	84.6	87.8	111.8
Other international education and training.....	(NA)	(NA)	7.4	44.3	57.2
Other.....	68.4	73.8	98.1	105.0	122.3
Extension services.....	59.3	63.0	79.4	85.4	90.7
Educational television facilities.....	-	-	5.2	5.1	15.2
Education in Federal correctional institutions.....	2.1	2.5	2.9	3.5	3.6
Other education and training.....	7.0	8.3	10.6	11.0	12.8

- Represents zero. NA Not available.

<sup>1</sup> Excludes payments for services rendered to the Federal Government.<sup>2</sup> Includes Indian education and Economic Opportunity Act programs.<sup>3</sup> Includes Titles III (part) and X of NDEA and Titles II, III, and V of ESEA.<sup>4</sup> Includes Dist. of Col., Canal Zone, national parks and territories, Cuban refugee education, etc.<sup>5</sup> Includes construction at Howard University and Gallaudet College, Washington, D.C., Higher Education Facilities Act, AEC and NSF grants.<sup>6</sup> Includes AEC, NSF, and PHS grants, language and area centers, land-grant colleges, and support of Howard University, Gallaudet College, East-West Center for Cultural and Technical Interchange, and State merchant marine schools. <sup>7</sup> Includes Veterans education and work-study programs.<sup>8</sup> Estimated actual value of surplus real and personal property at time of transfer for educational uses.<sup>9</sup> Includes college, health professions, nursing, and Cuban refugee programs.<sup>10</sup> Includes college housing and Higher Education Facilities Act programs.<sup>11</sup> Includes payments for services rendered to the Federal Government and education and related activities excluded above. <sup>12</sup> Office of Education estimates.Source: Dept. of Health, Education, and Welfare, Office of Education; annual survey, *Federal Funds for Education and Related Activities*, and *Digest of Educational Statistics*, 1966 and budget documents.



**No. 208. FEDERAL GRANTS AND LOANS ADMINISTERED BY THE OFFICE OF EDUCATION,  
BY PROGRAM—STATES AND OTHER AREAS: 1966**

[In thousands of dollars. For year ending June 30. Data on a checks-issued basis]

STATE OR OTHER AREA	Total	EDUCATION ACT PROGRAMS			Library services and con- struction	Voca- tional educa- tion <sup>1</sup>	Aid to Fed- erally affected areas	Cooper- ative re- search <sup>2</sup>	Higher educa- tion facil- ities	Other <sup>3</sup>
		Elc- men- tary and second- ary	Higher	Nat- ional defense						
<b>Total.....</b>	<b>2,040,317</b>	<b>814,914</b>	<b>34,504</b>	<b>346,067</b>	<b>40,629</b>	<b>206,901</b>	<b>409,515</b>	<b>19,646</b>	<b>104,902</b>	<b>63,239</b>
Ala.....	58,304	33,493	1,095	5,592	925	5,106	9,230	14	1,113	1,736
Alaska.....	17,503	709	63	428	127	1,426	14,165	23	281	281
Ariz.....	28,110	12,719	458	3,566	353	2,169	6,821	165	775	1,084
Ark.....	31,515	20,320	719	3,419	618	2,096	2,249	76	987	1,030
Calif.....	175,112	55,234	4,975	26,326	1,505	11,141	65,302	1,915	5,453	3,260
Colo.....	28,447	7,804	435	5,842	601	719	11,352	282	517	895
Conn.....	20,745	7,632	460	4,735	719	1,487	2,561	142	2,162	849
Del.....	6,134	1,577	62	653	225	1,056	1,827	68	18	647
Dist. of Col.....	14,764	2,833	214	4,007	371	1,668	4,715	251	60	644
Fla.....	57,487	19,973	1,137	7,767	731	2,973	16,008	586	5,065	2,447
Ga.....	64,125	31,317	687	7,536	1,097	6,496	13,658	519	1,182	1,632
Hawaii.....	13,513	2,596	192	1,614	307	819	7,337	8	-	639
Idaho.....	8,527	2,758	108	1,259	259	877	2,486	-	468	312
Ill.....	79,028	31,933	1,118	18,320	2,264	5,923	7,050	1,320	8,408	2,663
Ind.....	42,747	17,753	302	12,835	521	6,966	2,317	237	835	981
Iowa.....	35,585	16,700	519	7,472	549	3,942	1,421	332	3,764	887
Kans.....	31,352	11,528	538	7,101	922	4,111	5,337	113	744	958
Ky.....	42,090	20,800	698	5,420	820	4,829	1,992	98	5,637	1,794
La.....	24,402	7,101	846	4,767	625	5,263	3,155	37	258	2,349
Maine.....	12,848	4,749	39	1,974	449	1,742	2,724	8	681	482
Md.....	35,160	7,132	248	3,648	622	295	21,170	76	1,365	603
Mass.....	51,194	8,380	465	14,565	1,200	8,876	10,823	1,647	3,625	1,612
Mich.....	62,332	25,555	1,172	14,736	1,901	7,732	3,535	1,222	3,880	2,599
Minn.....	30,596	11,097	369	8,144	967	4,017	697	569	3,641	1,094
Miss.....	32,128	19,211	1,068	4,357	641	3,613	2,231	227	286	495
Mo.....	40,862	21,239	773	7,258	1,078	2,414	4,911	331	1,644	1,215
Mont.....	10,525	2,876	171	1,734	372	1,064	3,322	-	610	376
Nebr.....	18,447	5,654	300	2,655	446	2,317	4,750	60	1,369	897
Nev.....	7,685	1,292	56	444	279	986	4,151	-	1	475
N.H.....	7,797	1,559	87	1,906	226	1,140	2,294	51	158	375
N.J.....	64,496	29,508	615	6,962	1,202	10,882	8,473	90	4,725	2,038
N. Mex.....	24,540	9,905	230	1,977	253	1,563	8,848	36	987	740
N.Y.....	135,052	58,055	2,296	29,897	2,221	18,594	8,577	2,898	8,845	3,669
N.C.....	65,120	35,924	1,369	9,275	1,301	7,477	5,834	611	1,364	1,965
N. Dak.....	11,074	3,370	281	2,531	156	1,432	2,759	8	143	394
Ohio.....	71,516	29,647	1,168	15,699	1,899	8,520	8,312	566	3,900	1,805
Okla.....	45,240	18,753	571	5,881	571	4,118	10,214	18	4,130	983
Oreg.....	19,885	7,191	567	5,359	445	1,058	1,716	892	1,824	834
Pa.....	68,515	27,885	970	19,056	2,736	3,562	7,272	1,847	2,849	2,337
R.I.....	12,039	3,905	10	2,608	319	1,642	2,881	14	168	491
S.C.....	37,754	15,621	250	4,283	683	5,764	6,566	87	3,158	1,342
S. Dak.....	12,411	4,629	86	2,052	286	911	3,694	2	402	351
Tenn.....	55,321	32,818	1,232	6,933	797	5,589	4,702	165	1,052	2,035
Tex.....	115,438	59,757	1,932	13,641	1,791	6,207	23,221	237	6,063	2,588
Utah.....	15,916	3,609	318	2,188	289	1,380	6,099	79	1,296	658
Vt.....	6,548	1,771	33	1,244	242	1,131	65	32	1,671	358
Va.....	47,388	6,920	596	5,648	752	5,177	26,637	36	784	838
Wash.....	37,451	8,158	555	5,487	875	6,077	11,131	144	4,234	790
W. Va.....	26,146	17,704	481	3,989	532	1,801	153	126	573	788
Wis.....	26,479	7,870	1,192	7,775	867	3,827	1,047	1,261	1,582	1,058
Wyo.....	5,507	1,510	83	917	207	852	1,426	13	118	381
<b>Other areas:</b>										
P.R.....	26,422	16,477	274	2,224	417	6,021	-	104	43	862
Canal Zone.....	297	41	-	-	-	-	-	-	-	256
Guam.....	1,310	64	19	120	27	126	946	-	-	8
V.I.....	858	297	2	232	38	88	159	-	2	40
Undistrib- uted.....	18,532	-	-	8	-	<sup>4</sup> -164	18,363	7	-	319

- Represents zero. <sup>1</sup> Includes grants of \$71,830,131 under Manpower Development and Training Act.

<sup>2</sup> Includes "Research and training activities."

<sup>3</sup> Includes grants and loans to "Land-grant colleges," "National Teacher Corps," "Educational improvement for the handicapped," "Foreign language training and area studies," "Equal educational opportunities program," "Educational television facilities," "Adult basic education," "Civil defense adult education," and "Arts and Humanities educational activities."

<sup>4</sup> Collections received which were undistributed by States.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Digest of Educational Statistics*, 1966.

## Section 5

### Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The chief sources of data on these subjects are: *Uniform Crime Reports for the United States*, issued annually by the Federal Bureau of Investigation; the *Annual Report of the Director and Special Reports on Federal Offenders and Persons Under the Supervision of the Federal Probation System*, issued by the Administrative Office of the U.S. Courts; and *Statistical Tables*, an annual statistical review of the Federal prison system, and *National Prisoner Statistics*, a series of periodical bulletins and reports, both issued by the Bureau of Prisons.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected by the Children's Bureau of the Department of Health, Education, and Welfare. Statistics on lawyers and their characteristics are compiled by the American Bar Foundation, Chicago, Illinois. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments.

In 1967, the President's Commission on Law Enforcement and Administration of Justice issued *The Challenge of Crime in a Free Society*, a comprehensive survey of crime and criminal justice in the United States. This report presents data based upon published and unpublished information from official agencies, the results of a national survey of 10,000 households concerning the experience of the general public as victims of crime, and a special national survey of correctional agencies and facilities.

**Law enforcement and legal jurisdiction.**—Law enforcement is for the most part a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. Excluding the military, there are 52 separate criminal law jurisdictions in the United States, 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State, although there are often substantial differences among the States in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the arrest of persons suspected of committing them. This function involves municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the penalty is enforced by the prison, reformatory, or jail, or by probation or parole officials.



**Crime.**—The Federal Bureau of Investigation, through its Uniform Crime Reporting Program, receives monthly and annual reports on a voluntary basis from law enforcement agencies throughout the country. Each month, city police, sheriffs, and State police file reports on the number of offenses that become known to them in the following crime categories—murder and nonnegligent manslaughter, forcible rape, robbery, aggravated assault, burglary, larceny (\$50 and over in value), and auto theft. These seven categories are the basis of the FBI's Crime Index, a measure of the extent, fluctuation, and distribution of serious crime in the United States. The monthly reports also contain data on the number of these crimes cleared by arrest and certain other analytical data pertaining to specific crime categories. Annual reports provide summaries of data concerning persons arrested for all criminal offenses, by age, sex, and race of the offender, as well as an accounting of the number of persons formally charged and their disposition. The law enforcement agencies currently reporting to the FBI represent 92 percent of the national population.

In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

**Courts.**—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census which, from 1932 to 1945, obtained reports from a number of States on defendants prosecuted, convicted, and sentenced in courts of general trial jurisdiction. At no time, however, were there more than 32 States involved in the reporting system.

Comprehensive information on the business of the Federal courts is collected by the Administrative Office of the U.S. Courts and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. Whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine. Generally, the Federal courts have jurisdiction over the following types of cases:

- (1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in Puerto Rico, the Virgin Islands, the Canal Zone, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11, known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

**Prisoners.**—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics* and in its annual statistical report, *Statistical Tables*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



## No. 209. CRIMES KNOWN TO THE POLICE, BY TYPE AND AREA: 1965

[Estimated totals based on reports from city and rural law enforcement agencies representing 92 percent of the national population. Rates per 100,000 population based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. Covers crimes constituting "FBI Crime Index;" see text, p. 148]

AREA	Total	Murder and non-negligent manslaughter <sup>1</sup>	Forcible rape <sup>2</sup>	Robbery <sup>3</sup>	Aggravated assault <sup>4</sup>	Burglary <sup>5</sup>	Larceny—\$50 and over <sup>6</sup>	Auto theft <sup>7</sup>
United States ..	2,780,015	9,850	22,467	118,916	206,661	1,173,201	762,352	486,568
Rate .....	1,434.3	5.1	11.6	61.4	106.6	605.3	393.3	251.0
SMSA's <sup>8</sup> .....	2,312,351	6,978	17,844	110,623	158,843	956,038	627,054	434,971
Rate .....	1,781.5	5.4	13.7	85.2	122.4	736.6	483.1	335.1
Other cities .....	242,345	851	1,317	4,433	20,435	109,121	73,408	32,780
Rate .....	995.7	3.5	5.4	18.2	84.0	448.4	301.6	134.7
Rural areas .....	225,319	2,021	3,306	3,860	27,383	108,042	61,890	18,817
Rate .....	567.8	5.1	8.3	9.7	69.0	272.3	156.0	47.4

<sup>1</sup> All willful felonious homicides. Excludes suicides, justifiable homicides, and deaths caused by negligence.

<sup>2</sup> Limited to forcible rapes and attempts.

<sup>3</sup> Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.

<sup>4</sup> Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.

<sup>5</sup> Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary followed by larceny.

<sup>6</sup> Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary.

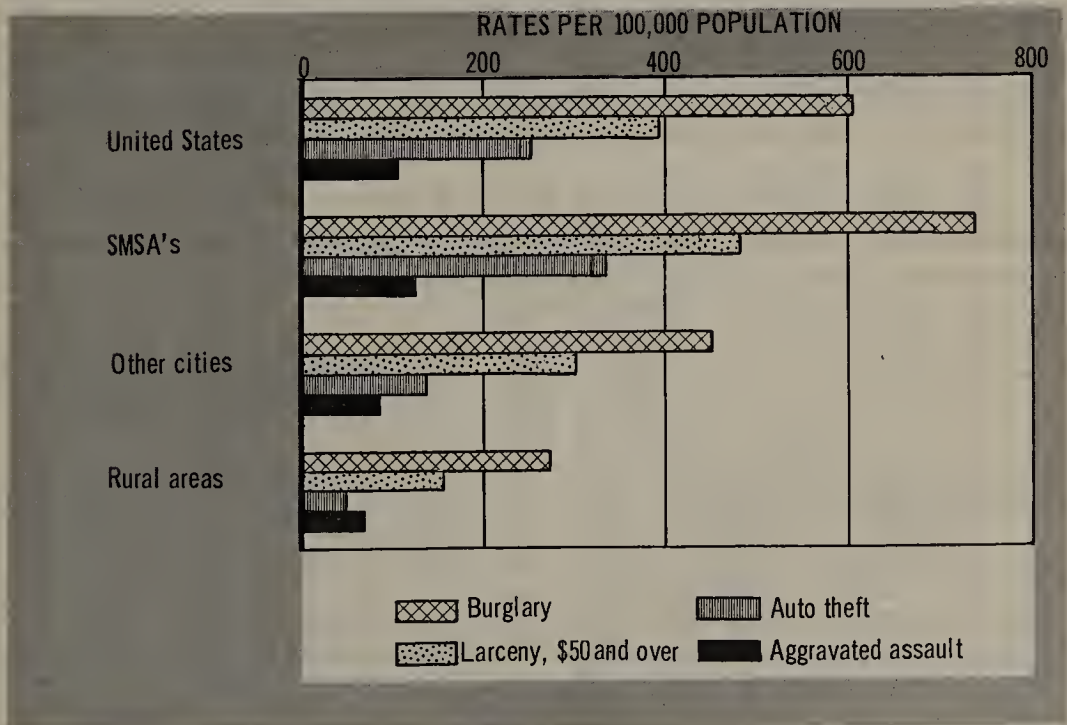
<sup>7</sup> Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

<sup>8</sup> For definition of standard metropolitan statistical areas, see text, p. 2.

Source: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

FIG. X. SPECIFIED CRIMES, BY AREA: 1965

[See table 209]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Justice, Federal Bureau of Investigation.

No. 210. CRIMES KNOWN TO THE POLICE, BY TYPE: 1960-64 AVERAGE AND 1965

[Prior to 1963, excludes Alaska and Hawaii. Offenses known to the police in 3,363 agencies, total 1965 population as estimated by FBI, 127,795,000. For definitions not shown here, see footnotes, table 209. See *Historical Statistics, Colonial Times to 1957*, series II 445-451, for related but not comparable data]

TYPE OF CRIME	NUMBER OF OFFENSES		Percent change
	1960-64 average	1965	
Total.....	2, 997, 815	3, 665, 860	22.3
Murder and nonnegligent manslaughter.....	5, 828	6, 934	19.0
Manslaughter by negligence <sup>1</sup> .....	3, 925	4, 441	13.1
Forcible rape.....	12, 592	16, 554	31.5
Robbery.....	87, 352	106, 879	22.4
Aggravated assault.....	107, 790	136, 644	26.8
Burglary—breaking or entering.....	734, 205	919, 203	25.2
Larceny—theft <sup>2</sup> .....	1, 724, 333	2, 057, 410	19.3
Auto theft.....	321, 790	417, 795	29.8

<sup>1</sup> Deaths primarily attributable to gross negligence on the part of some individual other than the victim.  
<sup>2</sup> All reported thefts regardless of value of property stolen.

Source: Dept. of Justice, Federal Bureau of Investigation: annual report, *Uniform Crime Reports for the United States*.

No. 211. CRIME RATES, BY TYPE: 1940 TO 1965

[Offenses known to the police per 100,000 population. Estimated by Federal Bureau of Investigation for total U.S. population, excluding Armed Forces abroad]

YEAR	Total	OFFENSES AGAINST PERSONS					OFFENSES AGAINST PROPERTY			
		Total	Willful homicide	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—\$50 and over	Motor vehicle theft
1940.....	540.8	100.3	6.5	5.2	46.4	42.2	440.4	260.4	51.0	129.0
1945.....	660.0	115.0	5.9	8.4	46.8	53.9	545.1	262.0	109.4	173.7
1950.....	637.8	115.9	5.3	6.9	42.0	61.7	521.8	284.9	128.1	108.8
1955.....	744.6	118.6	4.7	7.6	41.6	64.7	626.0	312.4	181.0	132.6
1960.....	1, 064.4	148.3	5.0	9.2	51.6	82.5	916.1	465.5	271.4	179.2
1961.....	1, 078.6	145.9	4.7	9.0	50.0	82.2	932.7	474.9	277.9	179.9
1962.....	1, 129.3	149.6	4.5	9.1	51.1	84.9	979.7	489.7	296.6	193.4
1963.....	1, 225.5	155.1	4.5	9.0	53.0	88.6	1, 070.4	527.4	330.9	212.1
1964.....	1, 366.3	175.7	4.8	10.7	58.4	101.8	1, 190.6	580.4	368.2	242.0
1965.....	1, 434.3	184.7	5.1	11.6	61.4	106.6	1, 249.6	605.3	393.3	251.0

Source: Executive Office of the President, The President's Commission on Law Enforcement and Administration of Justice; *The Challenge of Crime in a Free Society*, 1967, and unpublished data.

No. 212. CRIME RATES, BY POPULATION GROUPS AND TYPE: 1965

[Offenses known to the police per 100,000 population. For definitions of crimes, see footnotes, tables 209 and 210. Population in 1965 as estimated by FBI]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Forcible rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft <sup>1</sup> (except auto theft)	Auto theft
		Murder and nonnegligent manslaughter	Manslaughter by negligence						
Total, 5,931 agencies.....	2, 509.8	5.0	4.1	12.0	67.1	108.5	643.1	1, 398.6	271.3
Total, 4,073 cities.....	3, 026.9	5.5	3.4	12.4	88.6	127.7	732.7	1, 706.6	349.8
56 cities, 250,000 or more.....	3, 928.7	9.2	4.9	21.4	178.8	200.2	982.6	1, 958.5	573.0
96 cities, 100,000 to 249,999.....	3, 535.3	6.4	4.7	11.2	73.1	151.0	871.2	2, 064.7	353.1
230 cities, 50,000 to 99,999.....	2, 889.8	3.5	3.3	8.3	48.5	85.1	674.6	1, 769.4	297.1
468 cities, 25,000 to 49,999.....	2, 522.2	3.1	2.5	6.3	32.9	70.7	561.7	1, 632.6	212.4
1,104 cities, 10,000 to 24,999.....	2, 011.2	2.3	1.4	5.6	18.6	66.7	461.8	1, 314.3	140.5
2,119 cities, less than 10,000.....	1, 503.2	2.0	1.1	5.0	11.8	62.0	368.9	953.9	98.6
Suburban areas, 2,113 agencies <sup>2</sup> .....	1, 980.8	2.7	3.4	9.8	28.1	65.9	544.6	1, 166.2	160.2
Rural areas, 1,559 agencies.....	874.1	4.2	6.2	8.7	9.9	58.3	308.4	427.2	51.1

<sup>1</sup> Includes larceny under \$50.      <sup>2</sup> Agencies represented in suburban area are also included in other city groups.

Source: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 213. CRIME RATES, BY TYPE—STATES: 1964 AND 1965

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. For definitions of crimes, see footnotes, table 209]

STATE	MURDER AND NON-NEGLIGENT MAN-SLAUGHTER		FORCIBLE RAPE		ROBBERY		AGGRAVATED ASSAULT		BURGLARY—BREAKING OR ENTERING		LARCENY—\$50 AND OVER		AUTO THEFT	
	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965
U.S. <sup>1</sup>	4.8	5.1	10.7	11.6	58.4	61.4	101.8	106.6	580.4	605.3	368.2	393.3	242.0	251.0
N.E.	1.7	2.1	5.6	5.0	21.2	26.6	40.4	43.6	496.9	520.2	294.4	303.8	314.4	354.0
Maine	1.5	2.1	7.8	4.3	7.6	4.0	31.0	30.4	328.4	356.6	188.9	192.5	106.6	90.0
N.H.	0.9	2.7	3.8	2.1	6.6	6.9	11.5	11.7	279.3	316.5	159.9	183.0	83.9	87.7
Vt.	0.5	0.5	5.9	6.5	3.2	4.5	12.2	10.8	260.1	324.0	132.5	135.0	99.3	98.0
Mass.	2.0	2.4	6.0	5.4	30.6	40.0	46.8	50.7	529.7	554.5	308.5	320.7	452.1	533.5
R.I.	1.2	2.1	2.7	3.8	17.7	19.0	41.6	53.6	643.4	596.4	424.1	423.2	322.1	319.9
Conn.	1.8	1.6	5.5	5.2	15.0	19.3	41.9	43.5	531.9	563.5	317.9	324.4	206.7	217.4
M.A.	3.9	4.0	8.7	9.6	51.7	57.1	88.1	97.4	483.3	514.6	386.7	419.9	247.5	264.8
N.Y.	4.6	4.6	8.4	9.8	54.9	61.3	104.4	117.5	503.9	538.0	545.6	593.9	274.8	283.1
N.J.	3.1	3.2	9.1	8.9	57.0	55.4	87.2	86.3	600.7	621.7	331.0	327.0	283.2	294.1
Pa.	3.3	3.5	8.8	9.7	43.5	51.4	63.1	72.0	382.5	413.5	170.7	200.6	184.0	218.1
E.N.C.	3.7	4.0	11.2	12.9	90.6	90.4	93.5	93.7	510.9	529.3	336.5	336.3	261.4	272.8
Ohio	3.5	3.6	7.1	8.9	46.2	51.6	57.9	60.7	466.3	470.5	246.5	253.5	183.4	189.9
Ind.	3.0	3.5	9.5	9.5	56.6	55.9	61.7	62.8	496.6	516.8	323.9	334.6	214.8	234.8
Ill.	5.5	5.2	15.0	16.0	182.3	164.8	149.2	136.7	547.4	550.3	407.5	360.2	405.7	379.9
Mich.	3.3	4.4	16.8	20.3	87.8	102.6	118.3	129.8	642.0	705.2	409.5	452.5	259.5	320.1
Wis.	1.5	1.5	3.0	3.6	11.0	11.5	27.4	29.5	285.5	286.5	247.5	251.5	142.9	153.5
W.N.C.	2.9	3.1	8.7	9.3	41.9	43.7	55.4	61.0	493.7	509.5	277.0	299.1	171.2	176.4
Minn.	1.4	1.4	4.5	5.2	36.5	40.3	31.5	39.5	534.9	530.5	318.3	331.7	181.3	201.6
Iowa	1.3	1.3	5.0	4.5	11.2	12.8	19.0	20.1	290.4	304.3	227.6	253.8	95.8	104.7
Mo.	5.4	6.7	15.0	18.1	89.7	93.3	106.5	117.4	749.6	763.0	313.7	341.9	259.5	262.1
N. Dak.	0.9	0.9	7.0	5.1	8.7	4.6	18.9	23.6	239.7	206.8	187.3	183.9	90.5	76.8
S. Dak.	1.3	1.6	5.5	6.8	8.3	9.2	42.1	41.4	261.5	264.3	243.8	235.3	84.3	73.7
Nebr.	2.3	2.4	5.7	5.1	20.7	21.9	23.7	28.2	326.5	384.8	216.1	246.2	148.8	162.8
Kans.	3.4	2.7	11.1	9.1	28.0	24.0	73.2	71.2	432.6	467.5	277.5	299.3	139.6	122.7
S.A. <sup>1</sup>	8.2	8.4	10.1	11.5	51.0	56.3	158.1	165.8	586.5	588.1	329.5	365.1	193.2	194.0
Del.	4.3	5.1	7.3	5.9	39.9	54.9	37.3	28.1	625.5	600.6	323.4	348.1	253.4	244.8
Md.	6.7	6.7	10.1	13.9	59.5	83.0	140.7	181.5	545.9	638.7	419.9	488.5	270.0	306.0
Va.	6.8	6.6	10.4	10.8	33.4	38.5	149.2	133.9	473.9	483.3	303.8	322.3	149.9	163.1
W. Va.	3.7	4.0	5.0	4.2	16.9	14.4	50.1	55.4	268.1	253.9	126.2	127.5	78.5	69.4
N.C.	7.6	7.9	9.3	8.9	21.3	21.6	211.5	216.4	369.4	378.7	211.3	238.8	101.2	107.7
S.C.	8.1	9.6	10.1	10.7	25.8	21.4	121.5	134.9	552.1	467.6	336.0	304.5	162.9	148.1
Ga.	11.7	11.3	12.3	13.4	33.7	29.8	135.3	147.0	528.8	487.4	294.7	317.4	231.7	193.5
Fla.	8.6	8.9	10.3	13.3	86.9	88.6	184.1	188.6	963.4	957.0	467.9	546.6	206.4	207.8
E.S.C.	7.4	8.4	9.5	9.1	29.6	28.1	106.3	108.0	454.9	445.0	253.6	270.9	127.4	130.6
Ky.	5.2	5.3	8.0	6.6	36.1	36.7	61.0	60.4	461.2	444.8	322.0	346.2	143.3	151.7
Tenn.	5.9	8.0	8.8	11.1	30.2	28.6	73.6	91.1	561.4	523.0	248.0	254.5	175.8	166.7
Ala.	9.3	11.4	11.7	10.6	29.1	28.7	163.1	149.1	458.7	465.6	276.4	295.6	108.0	106.9
Miss.	10.1	8.9	9.4	6.9	20.6	14.4	137.9	139.9	266.1	285.5	135.8	157.9	54.9	77.3
W.S.C.	7.3	7.0	10.9	10.9	43.0	41.3	118.9	123.9	574.3	571.4	305.7	324.2	191.9	178.5
Ark.	7.6	5.9	8.1	10.4	29.2	23.7	91.7	95.9	332.9	292.0	201.7	232.2	88.6	79.9
La.	8.3	8.1	11.1	11.1	53.3	51.3	133.2	132.6	482.4	452.3	303.9	326.0	230.9	202.6
Okla.	4.5	4.4	10.9	11.1	42.1	38.0	85.2	77.7	569.8	527.4	300.1	301.5	198.0	190.0
Texas	7.5	7.5	11.4	10.8	42.4	42.0	127.1	137.2	650.9	674.0	326.9	346.2	196.7	186.2
Mt.	4.3	3.9	13.0	13.2	48.0	42.6	81.5	84.0	651.4	642.5	486.0	507.5	255.3	235.9
Mont.	2.7	1.7	7.5	7.8	15.6	15.9	54.2	47.5	472.1	452.9	359.9	359.0	200.9	198.0
Idaho	4.0	2.0	5.9	5.5	10.3	10.1	57.4	53.6	330.2	358.8	383.4	394.9	96.8	102.3
Wyo.	5.5	2.9	10.2	11.5	13.4	17.9	53.9	43.2	379.3	363.3	392.4	426.5	119.2	136.2
Colo.	4.2	3.5	17.1	16.2	67.3	54.5	70.1	78.6	679.9	651.0	444.2	492.0	271.2	248.7
N. Mex.	5.4	6.1	11.9	13.4	46.2	42.7	90.7	129.2	642.0	701.3	390.0	401.8	232.9	219.9
Ariz.	5.2	5.0	16.4	17.8	61.2	55.7	130.2	113.9	868.2	816.5	648.4	638.5	338.3	287.3
Utah	1.5	1.5	10.1	8.9	26.5	23.1	51.4	56.0	527.5	606.9	409.8	489.4	202.6	208.5
Nev.	7.8	8.4	13.2	15.5	109.8	97.5	110.0	95.2	1,082.3	878.0	950.7	864.1	516.9	437.1
Pac.	3.7	4.3	17.4	18.5	85.3	94.4	118.6	122.9	973.2	1,078.5	601.2	658.6	368.8	388.3
Wash.	2.4	2.2	7.7	10.2	28.5	30.3	54.0	60.4	600.3	611.1	452.7	457.8	192.7	191.5
Oreg.	1.8	3.4	12.0	11.9	37.6	46.0	56.0	59.3	573.4	636.1	451.5	527.7	207.9	202.5
Calif.	4.1	4.7	20.0	21.2	103.2	113.3	138.2	142.9	1,088.7	1,209.6	650.9	712.0	419.1	439.6
Alaska	10.4	6.3	22.4	17.8	21.2	39.9	96.0	85.0	443.6	554.5	454.8	599.2	354.0	407.1
Hawaii	2.1	3.2	2.6	0.8	13.6	18.7	63.8	46.3	838.8	980.9	403.0	477.1	257.2	363.0

<sup>1</sup> Includes District of Columbia.

Source: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.



No. 214. VICTIMS OF CRIME: 1965

[Number per 100,000 population. Based on a nationwide sample survey of 10,000 households conducted by the National Opinion Research Center of the University of Chicago]

CHARACTERISTIC OF VICTIMS	Total	Forcible rape	Robbery	Aggravated assault	Burglary	Larceny—\$50 and over	Motor vehicle theft
Total.....	2,117	43	94	218	949	607	206
White.....	1,860	22	58	186	822	608	164
Nonwhite.....	2,592	82	204	347	1,306	367	286
Male, all ages.....	3,091	(X)	112	287	1,583	841	268
10 to 19 years.....	951	(X)	61	399	123	337	31
20 to 29 years.....	5,924	(X)	257	824	2,782	1,546	515
30 to 39 years.....	6,231	(X)	112	337	3,649	1,628	505
40 to 49 years.....	5,150	(X)	210	263	2,365	1,839	473
50 to 59 years.....	4,231	(X)	181	181	2,297	967	605
60 years and over.....	3,465	(X)	98	146	2,343	683	195
Female, all ages.....	1,059	83	77	118	314	337	130
10 to 19 years.....	334	91	-	91	30	122	-
20 to 29 years.....	2,424	238	238	333	665	570	380
30 to 39 years.....	1,514	104	157	52	574	470	157
40 to 49 years.....	1,908	48	96	286	524	620	334
50 to 59 years.....	1,132	-	60	119	298	536	119
60 years and over.....	1,052	-	81	40	445	405	81
Income:							
Under \$3,000.....	2,369	76	172	229	1,319	420	153
\$3,000 to \$5,999.....	2,331	49	121	316	1,020	619	206
\$6,000 to \$9,999.....	1,820	10	48	144	867	549	202
\$10,000 and over.....	2,237	17	34	252	790	925	219

- Represents zero. X Not applicable.

Source: Executive Office of the President, The President's Commission on Law Enforcement and Administration of Justice; *The Challenge of Crime in a Free Society*, 1967.

No. 215. SELECTED CRIMES IN 646 CITIES OF 25,000 OR MORE: 1964 AND 1965

[Represents a total 1965 population of 75,400,000, as estimated by FBI. For definitions of crimes, see footnotes, tables 209 and 210. Minus sign (-) denotes decrease]

TYPE OF CRIME	OFFENSES		PERCENT—		TYPE OF CRIME	OFFENSES		PERCENT—	
	1964	1965	Change, 1964 to 1965	Distribution, 1965		1964	1965	Change, 1964 to 1965	Distribution, 1965
Robbery.....	82,938	85,999	3.7	100.0	Larceny <sup>2</sup> .....	1,438,341	1,433,647	-0.3	100.0
Highway.....	42,718	44,164	3.4	51.4	By value:				
Commercial house.....	17,125	17,337	1.2	20.2	\$50 and over.....	414,310	432,866	4.5	30.2
Gas or service station.....	4,660	5,050	8.4	5.9	\$5 to \$50.....	781,814	773,341	-1.1	53.9
Chain store.....	2,200	2,360	7.3	2.7	Under \$5.....	242,217	227,440	-6.1	15.9
Residence.....	7,688	7,788	1.3	9.1	By type: <sup>3</sup>				
Bank.....	659	784	19.0	0.9	Pocket-picking.....	13,692	14,006	2.3	1.0
Miscellaneous.....	7,888	8,516	8.0	9.9	Purse-snatching.....	24,205	24,011	-0.8	1.7
Burglary <sup>1</sup> .....	609,821	634,603	4.1	100.0	Shoplifting.....	106,515	112,361	5.5	7.8
Residence:					From autos.....	285,479	279,717	-2.0	19.5
Night.....	150,390	161,119	7.1	25.4	Auto accessories.....	288,722	289,711	0.3	20.2
Day.....	136,034	152,758	12.3	24.1	Bicycles.....	227,170	221,425	-2.5	15.4
Nonresidence:					From:				
Night.....	293,937	291,230	-0.9	45.9	Buildings.....	241,695	262,958	8.8	18.3
Day.....	29,460	29,496	0.1	4.6	Coin-operated machines.....	38,772	24,038	-38.0	1.7
					All other.....	212,091	205,420	-3.1	14.3

<sup>1</sup> Refers to breaking or entering. <sup>2</sup> Excludes auto theft. <sup>3</sup> Includes thefts of less than \$50.

No. 216. PROPERTY STOLEN AND RECOVERED: 1964 AND 1965

[Value in thousands of dollars. Represents 599 cities over 25,000 for 1964, total population of 71,897,000; and 646 cities over 25,000 for 1965, total population of 75,400,000, as estimated by FBI]

TYPE OF PROPERTY	1964			1965		
	Value of property		Percent recovered	Value of property		Percent recovered
	Stolen	Recovered		Stolen	Recovered	
Total.....	592,500	307,100	52	629,700	324,500	52
Currency, notes, etc.....	55,100	6,000	11	61,700	5,600	9
Jewelry and precious metals.....	46,100	3,300	7	52,200	3,500	7
Furs.....	11,000	500	4	13,100	600	5
Clothing.....	22,000	2,100	9	25,100	2,500	10
Locally stolen automobiles.....	319,100	273,600	86	332,900	290,000	87
Miscellaneous.....	139,200	21,600	16	144,700	22,300	15

Source of tables 215 and 216: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 217. OFFENSES AND ARRESTS, BY TYPE OF CRIME: 1965

[Excludes pending cases. Represents 1,657 cities with a total 1965 population of 56,554,000 as estimated by FBI. For definitions of crimes, see footnotes, tables 209 and 210]

ITEM	Total	Murder and nonnegligent manslaughter	Forcible rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft	Auto theft
Offenses known.....	1, 678, 074	3, 015	6, 349	41, 762	66, 012	387, 538	981, 189	192, 209
Offenses cleared.....	403, 534	2, 709	4, 163	16, 055	48, 087	99, 217	184, 670	48, 633
Percent cleared.....	24. 0	89. 9	65. 6	38. 4	72. 8	25. 6	18. 8	25. 3
Total arrests.....	385, 474	3, 177	4, 708	20, 904	41, 462	81, 325	185, 497	48, 401
Total persons charged.....	310, 096	1, 987	3, 380	14, 606	31, 007	68, 430	151, 482	39, 204
Percent of arrests.....	80. 4	62. 5	71. 8	69. 9	74. 8	84. 1	81. 7	81. 0
Adults guilty.....	100, 364	884	1, 028	4, 931	10, 680	16, 838	57, 656	8, 347
Percent of charged.....	58. 4	47. 8	39. 9	51. 3	40. 6	50. 8	69. 6	54. 0
Adults guilty of lesser offense.....	20, 372	362	447	1, 852	4, 744	5, 098	5, 431	2, 438
Percent of charged.....	11. 9	19. 6	17. 3	19. 3	18. 0	15. 4	6. 6	15. 8
Adults acquitted or dismissed.....	51, 031	602	1, 104	2, 825	10, 881	11, 191	19, 760	4, 668
Percent of charged.....	29. 7	32. 6	42. 8	29. 4	41. 4	33. 8	23. 9	30. 2
Referred to juvenile court.....	138, 329	139	801	4, 998	4, 702	35, 303	68, 635	23, 751
Percent of arrests.....	44. 6	7. 0	23. 7	34. 2	15. 2	51. 6	45. 3	60. 6

Source: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

## No. 218. ARRESTS—CITIES AND SUBURBAN AND RURAL AREAS: 1965

OFFENSE CHARGED	NUMBER OF ARRESTS				RATE PER 100,000			
	Total <sup>1</sup>	Cities <sup>2</sup>	Suburban <sup>3</sup>	Rural <sup>4</sup>	Total <sup>1</sup>	Cities <sup>2</sup>	Suburban <sup>3</sup>	Rural <sup>4</sup>
Total arrests.....	4, 955, 047	4, 401, 598	751, 031	294, 773	3, 695. 2	4, 330. 1	2, 217. 1	1, 592. 1
Serious crimes.....	834, 296	722, 260	155, 433	55, 718	622. 2	710. 5	458. 9	300. 9
Criminal homicide:								
Murder and nonnegligent manslaughter.....	7, 348	6, 144	951	654	5. 5	6. 0	2. 8	3. 5
Manslaughter by negligence.....	2, 815	1, 822	709	615	2. 1	1. 8	2. 1	3. 3
Forcible rape.....	10, 734	8, 635	1, 801	1, 084	8. 0	8. 5	5. 3	5. 9
Robbery.....	45, 872	42, 134	5, 122	1, 423	34. 2	41. 4	15. 1	7. 7
Aggravated assault.....	84, 411	73, 606	12, 325	5, 447	62. 9	72. 4	36. 4	29. 4
Burglary—breaking or entering.....	197, 627	162, 281	37, 977	18, 976	147. 4	159. 6	112. 1	102. 5
Larceny— theft.....	383, 726	338, 543	77, 749	21, 401	286. 2	333. 0	229. 5	115. 6
Auto theft.....	101, 763	89, 095	18, 799	6, 118	75. 9	87. 6	55. 5	33. 0
All other:								
Other assaults.....	207, 615	180, 531	37, 729	11, 540	154. 8	177. 6	111. 4	62. 3
Arson.....	6, 187	4, 912	1, 592	644	4. 6	4. 8	4. 7	3. 5
Forgery and counterfeiting.....	30, 617	23, 053	5, 685	4, 897	22. 8	22. 7	16. 8	26. 4
Fraud.....	52, 007	37, 144	11, 439	8, 769	38. 8	36. 5	33. 8	47. 4
Embezzlement.....	7, 674	5, 310	2, 135	1, 103	5. 7	5. 2	6. 3	6. 0
Stolen property (buying, receiving, etc.).....	19, 060	16, 434	3, 184	1, 466	14. 2	16. 2	9. 4	7. 9
Vandalism.....	89, 668	77, 297	22, 467	6, 135	66. 9	76. 0	66. 3	33. 1
Weapons (carrying, possessing, etc.).....	53, 585	48, 898	6, 979	2, 265	40. 0	48. 1	20. 6	12. 2
Prostitution and commercialized vice.....	33, 987	32, 849	977	346	25. 3	32. 3	2. 9	1. 9
Sex offenses <sup>5</sup> .....	58, 205	51, 451	9, 244	2, 907	43. 4	50. 6	27. 3	15. 7
Narcotic drug laws.....	46, 069	43, 527	4, 344	970	34. 4	42. 8	12. 8	5. 2
Gambling.....	114, 294	108, 602	5, 013	2, 814	85. 2	106. 8	14. 8	15. 2
Offenses against family and children.....	60, 981	40, 927	15, 831	9, 634	45. 5	40. 3	46. 7	52. 0
Driving while intoxicated <sup>6</sup> .....	241, 511	201, 334	48, 312	24, 583	180. 1	198. 1	142. 6	132. 8
Liquor laws.....	179, 219	144, 465	35, 358	25, 514	133. 7	142. 1	104. 4	137. 8
Drunkenness.....	1, 535, 040	1, 438, 075	138, 316	57, 851	1, 144. 7	1, 414. 7	408. 3	312. 5
Disorderly conduct.....	570, 122	528, 356	81, 175	19, 819	425. 2	519. 8	239. 6	107. 0
Vagrancy.....	120, 416	112, 432	10, 517	3, 662	89. 8	110. 6	31. 0	19. 8
Curfew and loitering (juveniles).....	72, 243	67, 929	18, 186	1, 337	53. 9	66. 8	53. 7	7. 2
Runaways (juveniles).....	90, 281	74, 411	22, 696	6, 289	67. 3	73. 2	67. 0	34. 0
All other offenses, except traffic.....	531, 970	441, 401	114, 419	46, 510	396. 7	434. 2	337. 8	251. 2
Suspicion (excluded from total).....	76, 346	68, 962	15, 590	2, 699	56. 9	67. 8	46. 0	14. 6

<sup>1</sup> 4,062 agencies; 1965 population as estimated by FBI, 134,095,000.

<sup>2</sup> 3,083 cities; 1965 population as estimated by FBI, 101,652,000. Includes cities and population represented in suburban places.

<sup>3</sup> 1,538 agencies; 1965 population as estimated by FBI, 33,874,000. Cities and city population represented are also included in "Cities." <sup>4</sup> 839 agencies; 1965 population as estimated by FBI, 18,515,000.

<sup>5</sup> Excludes forcible rape and prostitution. These offenses are listed separately.

<sup>6</sup> Driving or operating any motor vehicle while drunk or under the influence of liquor or narcotics.

Source: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.



No. 219. ARRESTS—NUMBER, BY AGE GROUPS: 1965

[Represents arrests reported by 4,062 agencies with a total 1965 population of 134,095,000, as estimated by FBI. Each person arrested is counted rather than the number of charges filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure]

OFFENSE CHARGED	Total all ages <sup>1</sup>	AGE (years)						
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over
Total .....	5, 031, 393	1, 074, 485	519, 189	530, 426	890, 732	916, 829	370, 360	720, 925
Serious crimes.....	834, 296	406, 376	119, 573	90, 817	108, 731	62, 817	17, 482	28, 335
Criminal homicide:								
Murder and nonnegligent manslaughter.....	7, 348	635	812	1, 147	2, 038	1, 444	438	829
Manslaughter by negligence.....	2, 815	196	461	547	678	447	172	314
Forcible rape.....	10, 734	2, 245	2, 375	2, 277	2, 420	993	187	234
Robbery.....	45, 872	13, 813	8, 856	8, 931	9, 488	3, 596	609	568
Aggravated assault.....	84, 411	12, 950	9, 556	12, 505	22, 125	15, 666	4, 563	7, 011
Burglary—breaking or entering.....	197, 627	102, 472	31, 983	23, 685	24, 453	10, 327	2, 244	2, 440
Larceny—theft.....	383, 726	210, 469	48, 296	32, 598	40, 339	27, 079	8, 592	16, 277
Auto theft.....	101, 763	63, 596	17, 234	9, 127	7, 190	3, 265	677	662
All other:								
Other assaults.....	207, 615	31, 948	22, 553	31, 781	55, 708	39, 898	11, 069	14, 425
Arson.....	6, 187	4, 031	511	359	558	385	124	216
Forgery and counterfeiting.....	30, 617	2, 962	4, 273	5, 788	9, 141	5, 784	1, 371	1, 292
Fraud.....	52, 007	1, 796	3, 732	8, 421	17, 862	12, 985	3, 390	3, 749
Embezzlement.....	7, 674	275	591	1, 276	2, 584	1, 919	459	569
Stolen property (buying, re- ceiving, etc.).....	19, 060	6, 720	2, 986	2, 692	3, 505	1, 893	545	713
Vandalism.....	89, 668	68, 785	7, 178	4, 314	4, 422	2, 911	823	1, 201
Weapons (carrying, possessing, etc.).....	53, 585	10, 985	7, 654	8, 494	12, 459	7, 994	2, 344	3, 610
Prostitution and commercial- ized vice.....	33, 987	839	4, 633	10, 626	11, 037	4, 447	920	1, 465
Sex offenses <sup>2</sup> .....	58, 205	14, 097	6, 720	8, 372	12, 456	9, 391	2, 465	4, 647
Narcotic drug laws.....	46, 069	5, 345	7, 332	10, 192	14, 835	6, 342	912	1, 098
Gambling.....	114, 294	2, 561	4, 652	10, 632	29, 809	29, 212	11, 407	25, 979
Offenses against family and children.....	60, 981	648	5, 041	10, 193	22, 107	15, 719	3, 740	3, 469
Driving while intoxicated <sup>3</sup> .....	241, 511	1, 937	11, 352	26, 287	58, 877	68, 878	27, 670	46, 326
Liquor laws.....	179, 219	48, 456	70, 304	13, 210	14, 146	14, 554	6, 134	12, 355
Drunkenness.....	1, 535, 040	25, 912	60, 409	110, 998	266, 480	422, 203	205, 967	438, 314
Disorderly conduct.....	570, 122	93, 472	77, 275	78, 521	115, 261	103, 977	36, 388	63, 761
Vagrancy.....	120, 416	7, 894	16, 769	14, 568	20, 013	23, 418	11, 011	26, 608
Suspicion.....	76, 346	20, 612	15, 680	12, 640	13, 260	7, 770	2, 424	3, 924
Curfew and loitering (juve- niles).....	72, 243	72, 243	(X)	(X)	(X)	(X)	(X)	(X)
Runaways (juveniles).....	90, 281	90, 281	(X)	(X)	(X)	(X)	(X)	(X)
All other offenses, except traffic.....	531, 970	156, 310	69, 971	70, 245	97, 481	74, 332	23, 715	38, 869

X Not applicable.

<sup>1</sup> Includes figures for age not known, not shown separately.

<sup>2</sup> Excludes forcible rape and prostitution. These offenses are listed separately.

<sup>3</sup> Driving or operating any motor vehicle while drunk or under the influence of liquor or narcotics.

Source: Dept. of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 220. ARREST RATES, BY AGE GROUPS AND TYPE OF OFFENSE: 1965

[Arrests per 100,000 population. Estimated by Federal Bureau of Investigation for total U.S. population]

AGE GROUP	All offenses (excl. traffic)	Offenses against persons <sup>1</sup>	Offenses against property <sup>2</sup>	AGE GROUP	All offenses (excl. traffic)	Offenses against persons <sup>1</sup>	Offenses against property <sup>2</sup>
Total.....	3, 350	100	462	25 to 29 years.....	5, 367	234	507
11 to 14 years.....	3, 064	71	1, 292	30 to 34 years.....	5, 086	178	354
15 to 17 years.....	8, 050	223	2, 467	35 to 39 years.....	4, 987	133	260
18 to 20 years.....	7, 540	300	1, 452	40 to 44 years.....	4, 675	94	185
21 to 24 years.....	6, 547	297	834	45 to 49 years.....	4, 102	65	132
				50 years and over.....	1, 987	24	55

<sup>1</sup> Willful homicide, forcible rape, robbery, and aggravated assault.

<sup>2</sup> Larceny, burglary, and motor vehicle theft.

Source: Executive Office of the President, The President's Commission on Law Enforcement and Administration of Justice; *The Challenge of Crime in a Free Society*, 1967.



## No. 221. ECONOMIC COST OF CRIME, BY COMPONENTS OF COST: 1965

[In millions of dollars. Estimates for year ending June 30]

COMPONENT	Cost	COMPONENT	Cost
<b>Total</b> .....	<b>20,980</b>	<b>Illegal goods and services</b> .....	<b>8,075</b>
<b>Crimes against person</b> <sup>1</sup> .....	<b>815</b>	Gambling.....	7,000
Homicide.....	750	Narcotics.....	350
Assault and other.....	65	Loan-sharking.....	350
<b>Crimes against property</b> <sup>2</sup> .....	<b>3,932</b>	Prostitution.....	225
Commercial theft unreported.....	1,400	Alcohol.....	150
Fraud.....	1,350	<b>Enforcement and justice</b> .....	<b>4,212</b>
Robbery, burglary, larceny (\$50 and over), auto theft.....	600	Police.....	2,792
Embezzlement.....	200	Corrections.....	1,034
Forgery and other.....	82	Courts.....	261
Arson and vandalism.....	300	Prosecution and defense.....	125
<b>Other crimes</b> .....	<b>2,036</b>	<b>Private costs related to crime</b> .....	<b>1,910</b>
Driving while intoxicated.....	1,816	Prevention services.....	1,350
Abortion.....	120	Insurance.....	300
Tax fraud.....	100	Prevention equipment.....	200
		Counsel, bail, witness expenses.....	60

<sup>1</sup> Loss of earnings, etc.   <sup>2</sup> Transfers and losses.Source: Executive Office of the President, The President's Commission on Law Enforcement and Administration of Justice; *The Challenge of Crime in a Free Society*, 1967.

## No. 222. GOVERNMENTAL EXPENDITURE AND EMPLOYMENT FOR POLICE PROTECTION AND CORRECTION: 1940 TO 1966

[Money figures in millions of dollars, except per capita. Expenditures through 1962 are for fiscal years closing during calendar year; thereafter, closing during the 12 months ending June 30. Employees as of October]

YEAR	EXPENDITURES						EMPLOYEES (1,000)	
	Total	Per capita	Police protection		Correction		Police	Correction
			Total	Per capita	Total	Per capita		
1940.....	(NA)	(NA)	386	\$2.92	(NA)	(NA)	(NA)	(NA)
1950.....	(NA)	(NA)	864	5.70	(NA)	(NA)	(NA)	(NA)
1955.....	1,821	\$11.02	1,358	8.22	463	\$2.80	295	(NA)
1960.....	2,752	15.29	2,030	11.28	722	4.01	363	(NA)
1961.....	3,020	16.49	2,210	12.07	810	4.42	367	(NA)
1962.....	3,172	17.07	2,326	12.52	846	4.55	380	103
1963.....	3,316	17.58	2,440	12.94	876	4.64	390	108
1964.....	3,525	18.43	2,586	13.52	939	4.91	401	115
1965.....	3,825	19.74	2,792	14.41	1,033	5.33	420	120
1966.....	4,110	20.99	3,033	15.49	1,077	5.50	437	124

NA Not available.

Source: Dept. of Commerce, Bureau of the Census; annual reports, *Governmental Finances* and *Public Employment*.

## No. 223. MUNICIPAL POLICE DEPARTMENT EXPENDITURES AND EMPLOYEES, 1965, AND SALARIES OF PATROLMEN, 1966

[For cities over 10,000 population. Excludes Hawaii. For definition of median, see headnote, table 8]

ITEM	Total	POPULATION SIZE-GROUP OF CITIES					
		10,001 to 25,000	25,001 to 50,000	50,001 to 100,000	100,001 to 250,000	250,001 to 500,000	Over 500,000
<b>1965</b>							
Expenditures:							
Number of cities reporting.....	1,261	658	320	164	72	24	23
Total.....	\$1,000,039	267,517	114,893	127,690	124,718	115,550	445,671
Per capita <sup>1</sup> .....	\$14.77	\$25.93	\$10.48	\$11.40	\$11.82	\$14.10	\$14.98
Police employees per 1,000 population:							
Number of cities reporting.....	1,394	721	343	184	93	26	27
Range, lowest to highest.....	0.14-5.58	0.20-3.70	0.14-5.58	0.39-3.90	1.07-2.93	1.03-4.57	1.22-4.04
Median.....	(NA)	1.41	1.40	1.44	1.57	1.68	2.44
<b>1966</b>							
Annual salaries of patrolmen:							
Number of cities reporting.....	1,275	672	318	166	71	24	24
Median salary:							
Entrance.....	(NA)	\$4,920	\$5,237	\$5,437	\$5,181	\$5,760	\$5,834
Maximum.....	(NA)	<sup>2</sup> \$5,650	<sup>3</sup> \$6,240	<sup>4</sup> \$6,396	\$6,120	\$6,560	\$7,008

NA Not available.   <sup>1</sup> Based on 1960 Bureau of the Census population data, excluding Armed Forces abroad.<sup>2</sup> 667 cities reporting.   <sup>3</sup> 319 cities reporting.   <sup>4</sup> 164 cities reporting.Source: International City Managers' Association, Chicago; *The Municipal Year Book*, 1966. (Copyright.)

# No. 224. SUMMARY OF GOVERNMENT EXPENDITURE AND EMPLOYMENT FOR POLICE PROTECTION AND CORRECTION: 1962

[Employment data as of October, except as noted. Police employment includes uniformed policemen, law enforcement agents, and clerical, administrative, and custodial personnel concerned with police protection activities. Federal police employment is in the Federal Bureau of Investigation, the Immigration and Naturalization Service, the Bureau of Narcotics, and the Secret Service. Correction includes employment in prison systems, and probation and parole activities for convicted offenders; preconviction detention, as in city jails, is included under police protection]

ITEM	All govern- ments	Federal (civilian)	STATE AND LOCAL					
			Total	State	Local			
					Total	Coun- ties	Munici- palities	Town- ships
EXPENDITURES <sup>1</sup>								
Total.....mil. dol.	3,172	247	2,925	784	2,141	493	1,568	80
Percent distribution.....	100.0	7.8	92.2	24.7	67.5	15.5	49.4	2.5
Per capita <sup>2</sup> .....dollars..	17.06	1.33	15.74	4.22	11.52	2.65	8.44	.43
Police protection.....mil. dol.	2,326	196	2,130	276	1,854	302	1,472	80
Percent distribution.....	100.0	8.4	91.6	11.9	79.7	13.0	63.3	3.4
Per capita <sup>2</sup> .....dollars..	12.52	1.05	11.46	1.49	9.98	1.62	7.92	.43
Correction.....mil. dol.	846	51	795	503	287	191	96	(X)
Percent distribution.....	100.0	6.0	94.0	60.0	33.9	22.6	11.3	(X)
Per capita <sup>2</sup> .....dollars..	4.55	.27	4.28	2.73	1.54	1.03	.52	(X)
EMPLOYEES								
Total.....1,000.....	483	28	455	97	358	78	262	19
Full time.....1,000.....	(NA)	(NA)	400	94	306	70	226	10
Part time.....1,000.....	(NA)	(NA)	55	3	53	8	36	9
Full-time equivalent.....1,000.....	440	27	413	95	318	72	234	12
Per 10,000 population <sup>2</sup> .....	23.7	1.5	22.2	5.1	17.1	(NA)	(NA)	(NA)
Percent distribution.....	100.0	6.1	93.9	21.6	72.3	16.4	53.2	2.7
Police.....1,000.....	380	22	358	36	322	52	252	19
Full time.....1,000.....	(NA)	(NA)	307	35	272	45	216	10
Part time.....1,000.....	(NA)	(NA)	51	1	51	6	36	9
Full-time equivalent.....1,000.....	340	22	318	35	283	47	224	12
Per 10,000 population <sup>2</sup> .....	18.3	1.2	17.1	1.9	15.2	(NA)	(NA)	(NA)
Percent distribution.....	100.0	6.5	93.5	10.3	83.2	13.8	65.9	3.4
Correction.....1,000.....	103	6	97	61	36	26	10	(X)
Full time.....1,000.....	(NA)	(NA)	93	59	34	24	10	(X)
Part time.....1,000.....	(NA)	(NA)	4	2	2	2	(Z)	(X)
Full-time equivalent.....1,000.....	100	5	95	60	35	25	10	(X)
Per 10,000 population <sup>2</sup> .....	5.4	0.3	5.1	3.2	1.9	(NA)	(NA)	(X)
Percent distribution.....	100.0	5.5	94.5	60.0	34.5	24.6	9.8	(X)
MONTHLY PAYROLL								
Total.....mil. dol.	206.6	18.5	188.1	42.0	146.2	30.6	110.4	5.2
Full-time employees.....mil. dol.	(NA)	(NA)	182.5	41.6	140.9	29.7	106.7	4.5
Part-time employees.....mil. dol.	(NA)	(NA)	5.7	.4	5.2	.8	3.7	.7
Average earnings per full-time employee.....dollars..	(NA)	(NA)	456	443	461	428	472	445
Police.....mil. dol.	163.0	15.3	147.7	16.7	131.1	20.2	105.7	5.2
Full-time employees.....mil. dol.	(NA)	(NA)	142.7	16.6	126.1	19.6	102.0	4.5
Part-time employees.....mil. dol.	(NA)	(NA)	5.1	.1	5.0	.6	3.7	.7
Average earnings per full-time employee.....dollars..	(NA)	(NA)	465	474	464	431	472	445
Correction.....mil. dol.	43.6	3.2	40.4	25.3	15.1	10.4	4.7	(X)
Full-time employees.....mil. dol.	(NA)	(NA)	39.8	25.0	14.8	10.2	4.7	(X)
Part-time employees.....mil. dol.	(NA)	(NA)	.6	.3	.2	.2	(Z)	(X)
Average earnings per full-time employee.....dollars..	(NA)	(NA)	428	424	437	425	470	(X)
PERCENT DISTRIBUTION								
Police and correction employment as percent of total public employment:								
Full-time equivalent employment.....	5.2	(NA)	6.9	6.5	7.1	9.1	15.8	8.1
Payroll (October).....	5.2	(NA)	7.1	6.6	7.4	10.3	16.7	8.6
Police employment as percent of total employment:								
Full-time equivalent employment.....	4.0	(NA)	5.3	2.4	6.3	6.0	15.1	8.1
Payroll (October).....	4.1	(NA)	5.6	2.6	6.6	6.8	16.0	8.6
Correction employment as percent of total employment:								
Full-time equivalent employment.....	1.2	(NA)	1.6	4.1	0.8	3.1	0.7	(X)
Payroll (October).....	1.1	(NA)	1.5	4.0	0.8	3.5	0.7	(X)

NA Not available. X Not applicable. Z Less than 500 or \$50 million.

<sup>1</sup> For fiscal years closed during the 12 months ended June 30.

<sup>2</sup> Based on estimated U.S. population (excluding Armed Forces abroad) as of July 1, 1962.

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. III, *Compendium of Public Employment* and Vol. IV, No. 4, *Compendium of Government Finances*.

# No. 225. U.S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER TERMS: 1940 TO 1965

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

ACTION	1940	1945	1950	1955	1960	1963	1964	1965
Total cases:								
Filed.....	977	1,316	1,181	1,644	1,940	2,294	2,288	2,774
Disposed of.....	985	1,292	1,202	1,630	1,911	2,401	2,173	2,665
Remaining on docket.....	124	168	119	219	385	367	482	591
Original cases filed.....	4	1	—	4	—	1	4	8
Appeals filed.....	84	64	77	104	124	147	118	158
Pauper appeals filed.....				17	28	28	29	42
Petitions for review:								
Filed.....	769	727	582	787	718	870	920	1,030
Granted.....	174	155	89	123	87	118	116	124
Denied or dismissed.....	592	565	495	643	628	733	791	900
Pauper petitions for review:								
Filed.....	120	393	404	583	950	1,069	1,025	1,388
Granted.....	19	15	17	16	22	69	21	43
Denied or dismissed.....	101	378	386	579	871	1,093	927	1,271
Motions for leave to file various writs:								
Filed.....	—	131	118	149	120	179	192	148
Granted.....	—	—	—	2	—	1	1	1
Denied or dismissed.....	—	131	121	155	125	180	178	147
Method of disposition of cases by—								
Written opinions (number of cases).....	195	170	114	103	125	123	103	120
Number of written opinions.....	165	134	91	82	110	111	91	97
Court opinions not signed by an individual Justice.....	86	45	77	127	136	240	150	181
Final decree—original cases.....	1	—	5	4	1	2	12	9
Denial or dismissal of petitions for review.....	693	943	881	1,222	1,499	1,826	1,718	2,171
Denial or withdrawal of motions to file various writs.....	—	131	121	155	125	180	178	147
Dismissal of pauper appeals.....	—	—	—	16	21	30	22	37
Motion to dismiss or per stipulation.....	10	3	4	3	4	—	—	—

— Represents zero.

<sup>1</sup> Includes 1 case decided by written opinion.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

# No. 226. U.S. COURTS OF APPEAL—CASES COMMENCED, 1945 TO 1966, AND CASES DISPOSED OF, 1966

[For years ending June 30]

TYPE OF CASE	CASES COMMENCED								
	1945	1950	1955	1960	1962	1963	1964	1965	1966
Total cases.....	2,730	2,830	3,695	3,899	4,823	5,437	6,023	6,766	7,183
Criminal.....	496	308	677	623	773	965	1,043	1,223	1,458
United States civil.....	651	708	811	788	1,066	1,054	1,309	1,387	1,338
Private civil.....	758	1,114	1,363	1,534	1,692	2,030	2,299	2,677	2,809
Bankruptcy.....	228	122	153	132	136	144	229	217	174
Administrative appeals.....	511	485	576	737	1,024	1,141	983	1,106	1,254
Original proceedings.....	51	55	70	67	107	99	151	148	137
All other appeals.....	45	38	45	18	25	4	9	8	13
CASES DISPOSED OF AFTER HEARING OR SUBMISSION, 1966									
	Total	Affirmed or granted	Dismissed	Reversed or denied	Other	Percent reversed or denied			
Total cases.....	4,087	3,026	128	866	67	21.7			
Criminal.....	801	649	20	115	17	14.4			
United States civil.....	784	572	24	175	13	22.3			
Private civil.....	1,690	1,193	57	418	22	24.7			
Bankruptcy.....	116	85	7	23	1	19.8			
Administrative appeals.....	563	414	13	125	11	22.2			
Original proceedings.....	123	111	6	6	—	(X)			
All other appeals.....	10	2	1	4	3	(B)			

— Represents zero. B Not computed; base too small. X Not applicable.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.



## No. 227. U.S. COURTS OF APPEAL—CASES TERMINATED: 1945 TO 1966

[For years ending June 30. Beginning 1955, represents cases in which a judgment had been rendered before end of year, even though time for filing a petition for rehearing had not expired or a pending petition for rehearing had not been decided]

TYPE OF CASE	1945	1950	1955	1960	1962	1963	1964	1965	1966
<b>Total cases</b> .....	2,848	3,064	3,654	3,713	4,167	5,011	5,700	5,771	6,571
Criminal.....	469	342	670	580	622	862	917	1,014	1,214
United States civil.....	633	783	893	750	936	1,049	1,183	1,229	1,309
Private civil.....	836	1,184	1,289	1,517	1,508	1,894	2,159	2,183	2,552
Bankruptcy.....	253	129	151	130	128	130	187	199	189
Administrative appeals.....	566	541	523	660	855	962	1,105	1,004	1,141
Original proceedings.....	52	53	82	60	89	110	143	132	152
All other appeals.....	39	32	46	16	29	4	6	10	14
Median time <sup>1</sup> .....months..	7.0	7.1	7.3	6.8	7.1	7.3	7.4	8.0	8.3

<sup>1</sup> From filing of complete record to final disposition. For definition of median, see headnote, table 8.

## No. 228. U.S. DISTRICT COURTS—TRIALS COMMENCED: 1945 TO 1966

[For years ending June 30. Beginning 1962, represents trials completed; prior to 1962, excludes D.C., Alaska, Hawaii, and outlying areas. For this table, a trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought]

TYPE OF TRIAL	1945	1950	1955	1960	1962	1963	1964	1965	1966
<b>Total</b> .....	8,390	7,977	9,258	9,042	10,048	10,960	11,079	11,485	12,193
Civil trials.....	4,358	5,663	5,882	6,002	6,260	7,095	7,155	7,613	7,783
Nonjury.....	2,845	3,648	3,224	3,161	3,335	3,925	4,063	4,459	4,607
Jury.....	1,513	2,015	2,658	2,841	2,925	3,170	3,092	3,154	3,176
Criminal trials.....	4,032	2,314	3,376	3,040	3,788	3,865	3,924	3,872	4,410
Nonjury.....	1,391	825	1,151	943	1,090	1,159	1,076	1,143	1,239
Jury.....	2,641	1,489	2,225	2,097	2,698	2,706	2,848	2,729	3,171

## No. 229. U.S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF: 1966

[For year ending June 30. Excludes D.C., Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED			SENTENCED			
		Total	Dis-mitted	Ac-quit- ted	Total	By pleas of guilty or nolo	By court or jury	Im- pris- on- ment	Proba- tion	Fine only	Other
<b>Total</b> .....	31,975	4,661	3,570	1,091	27,314	24,127	3,187	13,282	10,256	2,356	1,420
General offenses:											
Homicide.....	54	23	15	8	31	16	15	28	3	-	-
Robbery.....	648	71	50	21	577	431	146	529	48	-	-
Assault.....	266	43	28	15	223	157	66	124	93	4	2
Burglary.....	309	45	35	10	264	222	42	174	90	-	-
Larceny and theft.....	2,681	370	254	116	2,311	2,034	277	1,053	1,205	36	17
Embezzlement.....	1,253	105	79	26	1,148	1,090	58	232	879	33	4
Fraud.....	3,167	754	564	190	2,413	2,036	377	747	1,163	476	27
Auto theft.....	5,381	538	412	126	4,843	4,352	491	3,309	1,499	8	27
Forgery and counter- feiting.....	3,496	425	334	91	3,071	2,789	282	1,742	1,304	7	18
Sex offenses.....	181	55	35	20	126	82	44	99	26	1	-
Narcotics.....	2,223	349	280	69	1,874	1,469	405	1,272	589	5	8
Misc. general offenses.....	1,020	288	222	66	732	540	192	418	255	47	12
Special offenses:											
Immigration laws.....	3,110	77	60	17	3,033	2,991	42	1,564	226	37	1,206
Liquor, Internal Rev- enue.....	4,003	597	408	189	3,406	2,957	449	1,418	1,912	72	4
Federal statutes.....	4,183	921	794	127	3,262	2,961	301	573	964	1,630	95

- Represents zero.

Source of tables 227-229: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

## No. 230. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED: 1966

[For year ending June 30]

NATURE OF SUIT	Total	U.S. CASES		PRIVATE CASES	
		Plaintiff	Defendant	Federal question	Other
<b>Total</b> .....	70,906	14,734	8,447	22,718	25,007
Contract actions.....	16,976	6,182	459	3,973	6,362
Marine.....	2,516	67	34	2,390	25
Negotiable instruments.....	4,545	3,998	1	85	461
Other.....	9,915	2,117	424	1,498	5,876
Real property actions.....	4,797	2,877	289	357	1,274
Foreclosure.....	2,551	1,951	14	165	421
Other.....	2,246	926	275	192	853
Tort actions.....	23,091	349	1,992	5,933	14,817
Personal injury.....	21,566	1	1,742	5,404	14,419
Marine.....	6,176	-	235	4,321	1,620
Motor vehicle.....	9,536	1	927	14	8,594
Other.....	5,854	-	580	1,069	4,205
Personal property damage.....	1,525	348	250	529	398
Action under statutes.....	23,580	5,320	5,663	12,301	296
Antitrust laws.....	758	35	1	722	-
Prisoner petitions.....	8,540	-	2,292	5,952	296
Forfeiture, penalty suits.....	2,953	2,953	-	-	-
Labor laws.....	3,336	1,708	16	1,612	-
Protected property rights.....	1,832	-	102	1,730	-
Tax suits.....	1,832	305	1,527	-	-
Other.....	4,329	319	1,725	2,285	-
Other actions.....	2,462	6	44	154	2,258

- Represents zero.

## No. 231. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED: 1966

[For year ending June 30. Excludes land condemnation cases and 886 mental health cases in District of Columbia]

NATURE OF SUIT	Total	No court action	COURT ACTION					
			Total	Before pre-trial	Pre-trial	Trials		
						Total	Court	Jury
<b>Total</b> .....	64,300	29,888	34,412	17,837	9,310	7,265	3,965	3,300
<b>U.S. cases</b> .....	20,970	13,051	7,919	5,247	1,292	1,380	1,231	149
Contract actions.....	6,676	5,826	850	549	179	122	112	10
Negotiable instruments.....	3,989	3,665	324	201	89	34	31	3
Real property actions.....	1,489	1,032	457	334	56	67	49	18
Tort actions.....	2,159	1,038	1,121	334	395	392	378	14
Actions under statutes.....	9,917	4,802	5,115	3,806	632	677	571	106
Prisoner petitions.....	2,269	61	2,208	2,080	8	120	119	1
Forfeiture, penalty suits.....	2,851	2,386	465	222	119	124	108	16
Labor laws.....	1,571	1,248	323	153	86	84	78	3
Tax suits.....	1,786	852	934	254	365	315	229	86
Other actions under statutes.....	1,440	255	1,185	1,097	54	34	34	-
Other actions.....	729	353	376	224	30	122	121	1
<b>Private cases</b> .....	43,330	16,837	26,493	12,590	8,018	5,885	2,734	3,151
Federal question.....	20,334	7,744	12,590	7,981	2,617	1,992	1,544	448
Contract actions.....	3,165	2,104	1,061	518	307	236	218	18
Real property actions.....	238	184	54	31	15	8	8	-
Tort actions.....	5,353	2,547	2,806	848	1,313	645	322	323
Personal injury, marine.....	3,821	1,959	1,862	672	838	352	201	151
Actions under statutes.....	10,764	2,554	8,210	6,331	879	1,000	907	93
Prisoner petitions.....	5,365	82	5,283	4,786	48	449	447	2
Labor laws.....	1,426	752	674	330	188	156	143	13
Other actions under statutes.....	3,973	1,720	2,253	1,215	643	395	317	78
All other.....	814	355	459	253	103	103	89	14
Diversity of citizenship.....	19,145	7,800	11,345	2,913	4,894	3,538	977	2,561
Contract actions.....	5,254	2,166	3,088	1,147	1,028	913	534	379
Real property actions.....	784	440	344	133	106	105	69	36
Tort actions.....	13,090	5,188	7,902	1,626	3,759	2,517	371	2,146
Personal injury, motor vehicle.....	7,758	3,128	4,630	773	2,254	1,603	186	1,417
All other.....	17	6	11	7	1	3	3	-
Local jurisdiction.....	3,851	1,293	2,558	1,696	507	355	213	142
Contract actions.....	578	317	261	142	55	64	53	11
Real property actions.....	430	205	225	154	28	43	38	5
Tort actions.....	1,181	457	724	158	412	154	30	124
Personal injury, motor vehicle.....	751	275	476	80	297	99	14	85
All other.....	1,662	314	1,348	1,242	12	94	92	2

- Represents zero.

Source of tables 230 and 231: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 232. U.S. DISTRICT COURTS—ORIGINAL PROCEEDINGS IN CRIMINAL CASES  
COMMENCED: 1965 AND 1966

[For years ending June 30. Excludes D.C., Canal Zone, Guam, and Virgin Islands. Excludes transfers]

NATURE OF PROCEEDING AND OFFENSE	1965	1966	NATURE OF PROCEEDING AND OFFENSE	1965	1966
<b>Total original proceedings</b> .....	<b>31,569</b>	<b>29,729</b>	General offenses—Continued		
Proceedings commenced by:			Burglary, breaking and entering...	537	527
Indictment.....	16,726	17,006	Larceny and theft.....	2,485	2,451
Information, indictment waived.....	7,908	6,264	Embezzlement.....	1,285	1,276
Information, other.....	4,709	5,037	Fraud.....	3,122	2,511
Juvenile delinquency proceedings.....	997	1,008	Auto theft.....	5,139	5,011
Removed from State court <sup>1</sup> .....	1,192	383	Forgery and counterfeiting.....	3,471	3,411
All other proceedings.....	37	31	Sex offenses.....	201	273
General offenses:			Narcotics.....	2,194	2,077
Homicide.....	158	174	Misc. general offenses.....	1,204	1,233
Robbery.....	851	903	Special offenses:		
Assault.....	375	469	Immigration laws.....	3,262	3,166
			Liquor, Internal Revenue.....	3,028	2,564
			Federal statutes.....	4,257	3,683

<sup>1</sup> For 1965, largely civil rights offenses removed from State courts to Federal courts under provisions of Civil Rights Act; for 1966, civil rights offenses only.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 233. JUVENILE COURT—CASES HANDLED AND CHILD POPULATION: 1940 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously antisocial conduct. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians]

YEAR	DELINQUENCY CASES <sup>1</sup> (1,000)		Population 10 to 17 years old <sup>2</sup> (1,000)	DELINQUENCY CASES PER 1,000 POPULATION 10 TO 17 YEARS OLD		Depend- ency and neglect cases <sup>1</sup> (1,000)	Population under 18 years old <sup>2</sup> (1,000)	Depend- ency and neglect cases per 1,000 population under 18 years old
	Including traffic	Excluding traffic		Including traffic	Excluding traffic			
1940.....	200	(NA)	19,138	10.5	(NA)	(NA)	40,365	(NA)
1945.....	344	(NA)	17,512	19.6	(NA)	(NA)	41,313	(NA)
1950.....	280	(NA)	17,397	16.1	(NA)	93	47,017	2.0
1955.....	431	(NA)	20,111	21.4	(NA)	106	55,568	1.9
1960.....	813	510	25,364	32.1	20.1	131	64,553	2.0
1963.....	967	601	27,973	34.6	21.5	146	68,707	2.1
1964.....	1,128	686	29,119	38.7	23.6	150	70,054	2.1
1965.....	1,157	697	29,479	39.2	23.6	157	70,431	2.2

NA Not available. <sup>1</sup> Beginning 1955, based on data from a national sample of juvenile courts; for earlier years, estimated by Children's Bureau on basis of reports from a comparable group of courts.

<sup>2</sup> Bureau of the Census estimates of civilian population as of July 1.

<sup>3</sup> Beginning 1955, based on reports from courts serving about two-thirds of the child population under 18 years of age; for earlier years, estimated by Children's Bureau on basis of reports from a comparable group of courts.

Source: Dcpt. of Health, Education, and Welfare, Welfare Administration; *Juvenile Court Statistics*. Published annually.

No. 234. LAWYERS—SELECTED CHARACTERISTICS: 1951 TO 1966

[See headnote, table 235]

ITEM	1951	1954	1957	1960	1963	1966
<b>Total lawyers reporting <sup>1</sup></b> .....	<b>204,111</b>	<b>221,600</b>	<b>235,783</b>	<b>252,385</b>	<b>268,782</b>	<b>289,404</b>
In cities, by population group: <sup>2</sup>						
500,000 or more.....	79,458	85,240	91,239	99,544	105,411	112,684
200,000 to 499,999.....	27,693	30,651	33,001	37,388	39,279	41,205
Less than 200,000.....	96,960	105,709	111,543	115,453	124,092	135,515
Sex:						
Male.....	199,052	216,564	229,433	245,897	261,639	281,336
Female.....	5,059	5,036	6,350	6,488	7,143	8,068
With law degree.....	145,467	170,597	188,883	213,178	234,684	259,402
Status in practice: <sup>3</sup>						
In government service.....	19,910	21,279	24,245	25,621	29,314	31,280
In judicial service.....	7,471	7,903	7,910	8,180	8,748	9,712
In private practice.....	176,995	189,423	188,955	192,353	200,586	212,662
Salaried.....	12,997	16,648	21,054	25,198	29,510	33,222
Inactive or retired.....	6,974	6,581	7,661	10,887	12,024	14,881

<sup>1</sup> Includes duplications: 1951, 4, 147; 1954, 4,440; 1957, 4,506; 1960, 4,504; 1963, 5,918; 1966, 6,787.

<sup>2</sup> 1951-1957, according to the 1950 Census of Population; 1960, according to the 1960 Census of Population; 1963, unofficial estimates, according to *Editor & Publisher Yearbook, 1963*; 1966, based on Bureau of the Census quarterly reports of special official censuses of cities.

<sup>3</sup> If more than one subentry was applicable, the individual was tabulated in each.

Source: American Bar Foundation, Chicago, Ill.; *The 1967 Lawyer Statistical Report* (forthcoming).



## No. 235. LAWYERS, BY STATES: 1957 TO 1966

[Data based on 1958, 1961, 1964, and 1967 editions of Martindale-Hubbell Law Directory. Represents all persons who are members of the bar, including those in industries, educational institutions, etc., and those inactive or retired]

STATE	1957 <sup>1</sup>	1960 <sup>1</sup>	1963 <sup>1</sup>	1966 <sup>1</sup>	1966					
					Total reporting	Male	In private practice	In government service	With law degree	Population per lawyer <sup>2</sup>
U.S.-----	262,320	285,933	296,069	313,462	<sup>3</sup> 289,404	281,336	<sup>4</sup> 212,662	<sup>4</sup> 31,280	259,402	625
Ala.-----	2,504	2,712	2,833	3,041	2,861	2,804	2,036	381	2,618	1,157
Alaska-----	158	198	255	309	288	276	207	62	254	880
Ariz.-----	1,254	1,681	1,911	2,233	2,145	2,091	1,641	213	1,955	725
Ark.-----	1,732	1,778	1,538	1,933	1,785	1,733	1,320	244	1,374	1,011
Calif.-----	20,505	22,576	25,330	28,414	26,423	25,457	19,470	2,784	24,075	666
Colo.-----	3,082	3,606	3,728	4,003	3,606	3,502	2,689	375	3,414	494
Conn.-----	3,420	3,932	4,391	4,828	4,591	4,471	3,514	286	4,238	595
Del.-----	452	514	562	622	606	595	349	31	577	823
D.C.-----	11,650	12,564	13,742	14,455	13,888	13,223	4,754	7,820	13,407	56
Fla.-----	6,765	7,737	8,515	9,549	9,038	8,818	6,999	705	8,427	622
Ga.-----	4,532	4,806	5,141	5,465	4,875	4,715	3,556	515	4,101	816
Hawaii-----	446	482	595	663	635	616	496	115	602	1,083
Idaho-----	675	682	708	769	734	718	553	110	652	902
Ill.-----	18,161	18,901	19,263	20,311	18,750	18,287	13,976	1,163	17,247	528
Ind.-----	4,624	4,746	5,099	5,166	4,917	4,791	3,695	437	4,360	952
Iowa-----	3,492	3,556	3,614	3,810	3,628	3,547	2,664	367	3,101	721
Kans.-----	2,688	2,985	2,974	3,114	2,874	2,796	2,162	406	2,619	723
Ky.-----	3,323	3,337	3,373	3,556	3,354	3,291	2,498	493	2,873	895
La.-----	3,630	4,177	4,394	4,815	4,462	4,334	3,468	375	3,916	748
Maine-----	962	982	989	1,021	967	944	753	78	755	963
Md.-----	4,573	5,224	5,739	6,464	5,644	5,471	3,931	410	5,268	559
Mass.-----	9,488	10,384	10,823	11,355	10,037	9,697	8,364	480	8,904	474
Mich.-----	8,746	9,413	9,605	10,220	9,162	8,930	6,897	675	8,393	819
Minn.-----	4,372	4,712	4,933	5,188	4,927	4,840	3,515	517	4,429	689
Miss.-----	2,067	2,190	2,315	2,505	2,262	2,205	1,673	272	1,909	929
Mo.-----	7,031	7,453	7,409	7,692	6,887	6,717	4,739	631	6,138	586
Mont.-----	967	1,028	961	970	895	875	663	141	786	724
Nebr.-----	2,334	2,344	2,438	2,525	2,366	2,301	1,591	305	2,023	577
Nev.-----	390	440	483	608	597	583	461	92	549	747
N.H.-----	571	636	661	702	679	664	537	73	605	970
N.J.-----	8,507	9,331	9,673	10,498	9,591	9,360	7,697	527	7,862	657
N. Mex.-----	890	972	1,070	1,152	1,057	1,031	807	141	968	887
N.Y.-----	43,740	49,832	49,406	52,195	44,646	43,305	35,426	2,366	40,206	350
N.C.-----	3,386	3,613	3,869	4,279	3,988	3,918	3,068	420	3,112	1,168
N. Dak.-----	691	738	753	745	680	670	466	143	585	872
Ohio-----	14,447	15,470	15,425	15,706	14,198	13,821	10,586	1,005	12,684	656
Okla.-----	4,326	4,818	4,714	4,855	4,427	4,274	2,950	457	3,746	506
Oreg.-----	2,435	2,646	2,677	2,846	2,702	2,627	2,115	360	2,468	687
Pa.-----	11,308	12,137	12,145	12,914	12,275	12,025	9,814	677	11,023	897
R.I.-----	1,067	1,066	1,103	1,212	1,133	1,122	964	89	1,035	741
S.C.-----	1,713	1,884	1,931	2,095	1,946	1,909	1,519	217	1,702	1,234
S. Dak.-----	785	758	786	794	770	752	560	135	663	859
Tenn.-----	3,914	4,231	4,377	4,772	4,319	4,228	3,074	455	3,903	814
Tex.-----	13,069	13,997	14,902	16,333	14,865	14,522	10,519	1,492	12,800	658
Utah-----	1,038	1,144	1,137	1,262	1,207	1,183	931	140	1,112	799
Vt.-----	446	493	466	514	487	469	358	48	376	788
Va.-----	4,429	4,724	5,013	5,800	5,352	5,216	3,766	646	4,620	777
Wash.-----	3,583	3,895	3,795	4,084	3,982	3,874	3,090	496	3,688	730
W. Va.-----	1,755	1,789	1,724	1,766	1,678	1,653	1,245	278	1,546	1,016
Wis.-----	5,724	6,134	6,016	6,238	5,792	5,670	4,210	580	5,353	667
Wyo.-----	476	492	465	462	426	415	326	52	381	712

<sup>1</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

<sup>2</sup> Based on Bureau of the Census estimates of resident population including Armed Forces stationed in area as of July 1, 1966.

<sup>3</sup> Includes 6,787 duplications.

<sup>4</sup> In some cases, if more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation, Chicago, Ill.; *The 1967 Lawyer Statistical Report* (forthcoming).

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Law Enforcement, Federal Courts, and Prisons

No. 236. LAWYERS, BY SEX, YEAR OF BIRTH, EDUCATION, AND STATUS IN PRACTICE:  
1966

[Data based on 1967 edition of Martindale-Hubbell Law Directory. See headnote, table 235]

ITEM	Total	IN CITIES, BY POPULATION GROUP <sup>1</sup>			ITEM	Total	IN CITIES, BY POPULATION GROUP <sup>1</sup>		
		500,000 or more	200,000 to 499,999	Less than 200,000			500,000 or more	200,000 to 499,999	Less than 200,000
Total <sup>2</sup> .....	313, 462	125, 167	44, 779	143, 516	Status in prac- tice: <sup>4</sup>				
Reporting <sup>3</sup> .....	289, 404	112, 684	41, 205	135, 515	Government.....	31, 280	13, 437	3, 552	14, 291
Sex:					Federal.....	16, 284	10, 575	1, 598	4, 111
Male.....	281, 336	109, 132	40, 092	132, 112	State.....	7, 419	1, 586	1, 288	4, 542
Female.....	8, 068	3, 552	1, 113	3, 403	City or county.....	7, 580	1, 276	666	5, 638
Year of birth:					Judicial.....	9, 712	1, 729	1, 034	6, 949
1884 and earlier..	3, 990	1, 205	508	2, 277	Federal.....	800	308	136	356
1885-1894.....	14, 249	4, 826	2, 009	7, 414	State or county.....	6, 823	1, 144	703	4, 976
1895-1904.....	33, 787	13, 647	4, 597	15, 543	City.....	2, 089	277	195	1, 617
1905-1914.....	56, 378	23, 543	7, 237	25, 598	Private practice..	212, 662	79, 351	29, 890	103, 421
1915-1924.....	63, 944	22, 586	9, 560	31, 798	Individual.....	113, 273	41, 943	14, 219	57, 111
1925-1929.....	38, 811	14, 298	5, 929	18, 584	Partner.....	78, 544	27, 067	12, 023	39, 454
1930-1934.....	37, 840	15, 312	5, 582	16, 946	Associate <sup>5</sup> .....	20, 845	10, 341	3, 648	6, 856
1935 and later...	38, 559	16, 314	5, 529	16, 716	Salaried.....	33, 222	15, 713	5, 857	11, 652
Not reported....	1, 846	953	254	639	Private in- dustry.....	29, 405	14, 099	5, 394	9, 912
Education:					Educational institution....	2, 717	877	321	1, 519
Attended college..	256, 823	99, 899	36, 448	120, 476	Other private employ- ment.....	1, 100	737	142	221
College degree....	194, 120	78, 440	27, 338	88, 342	Inactive or re- tired.....	14, 881	3, 362	1, 750	9, 769
Attended law school.....	276, 327	108, 889	39, 684	127, 754					
Law degree.....	259, 402	103, 459	37, 262	118, 681					
Unknown.....	8, 597	3, 102	1, 038	4, 457					

<sup>1</sup> Based on Bureau of the Census quarterly reports of special official censuses of cities.  
<sup>2</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.  
<sup>3</sup> Includes 6,787 duplications.  
<sup>4</sup> In some cases, if more than one subentry was applicable the individual was tabulated in each.  
<sup>5</sup> Lawyers employed by individual practitioners or partnerships.  
Source: American Bar Foundation, Chicago, Ill.; *The 1967 Lawyer Statistical Report* (forthcoming).

No. 237. CORRECTION—POPULATION, COSTS, AND PERSONNEL SERVICES, BY TYPE:  
1965

TYPE	AVERAGE DAILY POPULATION		OPERATING COSTS		PERSONNEL					
	Num- ber (1,000)	Per- cent	Amount (mil. dol.)	Per- cent	Total		Treat- ment <sup>1</sup>	Aca- demic and vo- cational	Custo- dial	Other
					Num- ber	Per- cent				
Total.....	1, 221	100. 0	940	100. 0	111, 203	100. 0	17, 695	5, 719	60, 811	26, 978
Juvenile.....	345	28. 2	314	33. 5	38, 828	34. 9	9, 813	3, 822	15, 009	10, 184
Detention.....	13	1. 0	53	5. 7	7, 898	7. 1	671	917	<sup>2</sup> 5, 108	1, 202
Probation.....	224	18. 3	75	8. 0	6, 320	5. 7	6, 320	—	—	—
State institutions..	42	3. 5	145	15. 4	21, 247	19. 1	1, 154	2, 495	8, 666	8, 932
Local institutions..	6	0. 5	23	2. 5	2, 004	1. 8	309	410	<sup>2</sup> 1, 235	50
Aftercare.....	60	4. 9	18	1. 9	1, 359	1. 2	1, 359	—	—	—
Misdemeanant proba- tion.....	201	16. 5	29	3. 0	1, 944	1. 7	1, 944	—	—	—
Adult.....	674	55. 3	598	63. 5	70, 431	63. 4	5, 938	1, 897	45, 802	16, 794
Probation.....	230	18. 9	32	3. 4	2, 557	2. 3	2, 557	—	—	—
Local institutions and jails.....	141	11. 6	148	15. 7	19, 195	17. 3	258	243	14, 993	3, 701
State institutions..	201	16. 5	385	40. 9	46, 680	42. 0	1, 124	1, 654	30, 809	13, 093
Parole.....	102	8. 3	33	3. 5	1, 999	1. 8	1, 999	—	—	—

— Represents zero.  
<sup>1</sup> Includes social workers, counselors, psychologists, and psychiatrists in institutions; supervisors, intake per-  
sonnel, and field personnel prorated for probation, parole, and aftercare.  
<sup>2</sup> Includes group supervisors in detention homes and personnel with custodial as well as other duties in local  
training schools.  
Source: Executive Office of the President, The President's Commission on Law Enforcement and Administra-  
tion of Justice; *The Challenge of Crime in a Free Society*, 1967.

## No. 238. PERSONS IN CORRECTIONAL INSTITUTIONS: 1950 AND 1960

[For 1950, excludes Alaska and Hawaii. 1960 based on 25-percent sample. Comparability of figures may be affected by minor differences in classification]

CHARACTERISTIC	1950			1960		
	Total	Federal and State prisons and reformatories	Local jails and work-houses	Total	Federal and State prisons and reformatories	Local jails and work-houses
<b>Total persons</b> .....	264,557	178,065	86,492	349,298	229,306	119,992
Male.....	251,562	171,049	80,513	332,952	220,765	112,187
Female.....	12,995	7,016	5,979	16,346	8,541	7,805
Under 15 years.....	661	398	263	736	137	599
15 to 19 years.....	18,814	12,133	6,681	32,379	19,815	12,564
20 to 24 years.....	53,853	38,181	15,677	65,906	44,803	21,103
25 to 39 years.....	117,508	82,446	35,062	156,236	108,093	48,143
40 to 59 years.....	63,661	39,181	24,480	82,955	50,123	32,832
60 years and over.....	10,055	5,726	4,329	11,086	6,335	4,751
<b>Nonwhite persons</b> .....	91,960	62,941	29,019	133,249	87,401	45,848
Under 15 years.....	197	123	74	324	68	256
15 to 19 years.....	6,360	4,040	2,320	11,197	6,639	4,558
20 to 24 years.....	19,971	13,456	6,515	24,019	15,242	8,777
25 to 39 years.....	45,701	31,701	14,000	67,469	45,582	21,887
40 to 59 years.....	17,764	12,278	5,486	27,644	18,200	9,444
60 years and over.....	1,967	1,343	624	2,596	1,670	926

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. IV, Part 2, Chapter C; and 1960, Series PC(2)-8A.

## No. 239. PERSONS IN CUSTODY IN TRAINING SCHOOLS FOR JUVENILE DELINQUENTS AND IN DETENTION HOMES: 1950 AND 1960

[For 1950, excludes Alaska and Hawaii. 1960 based on 25-percent sample. Comparability of figures is affected by differences in classification]

CHARACTERISTIC	1950				1960			
	Training schools for juvenile delinquents			Detention homes	Training schools for juvenile delinquents			Detention homes
	Total	Public	Private		Total	Public	Private	
<b>Total persons</b> .....	36,986	29,042	7,944	3,894	45,695	38,359	7,336	10,821
Under 10 years.....	735	507	228	334	476	327	149	785
10 to 13 years.....	5,170	3,908	1,262	527	6,131	4,858	1,273	2,468
14 years.....	4,859	3,825	1,034	342	6,078	5,067	1,011	1,625
15 to 19 years.....	23,978	19,360	4,618	1,244	31,316	26,676	4,640	4,988
20 years and over.....	2,244	1,442	802	1,447	1,694	1,431	263	955
<b>Male</b> .....	23,968	21,679	2,289	3,018	33,765	29,681	4,084	7,680
Under 10 years.....	420	295	125	201	339	231	108	463
10 to 13 years.....	3,978	3,280	698	385	4,857	3,900	957	1,786
14 years.....	3,262	2,882	380	247	4,360	3,724	636	1,101
15 to 19 years.....	15,049	14,016	1,033	915	22,847	20,548	2,299	3,650
20 years and over.....	1,259	1,206	53	1,270	1,362	1,278	84	680
<b>Female</b> .....	13,018	7,363	5,655	876	11,930	8,678	3,252	3,141
Under 10 years.....	315	212	103	133	137	96	41	322
10 to 13 years.....	1,192	628	564	142	1,274	958	316	682
14 years.....	1,597	943	654	95	1,718	1,343	375	524
15 to 19 years.....	8,929	5,344	3,585	329	8,469	6,128	2,341	1,338
20 years and over.....	985	236	749	177	332	153	179	275
<b>Nonwhite persons</b> .....	8,423	7,700	723	1,047	14,401	13,459	942	3,479
Under 10 years.....	139	120	19	72	146	99	47	280
10 to 13 years.....	1,375	1,237	138	127	2,463	2,203	260	879
14 years.....	1,203	1,084	119	49	2,166	2,035	131	552
15 to 19 years.....	5,286	4,880	406	310	9,233	8,760	473	1,482
20 years and over.....	420	379	41	489	393	362	31	286

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. IV, Part 2, Chapter C; and 1960, Series PC(2)-8A.



No. 240. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED: 1940 TO 1965

[Rate per 100,000 estimated civilian population, excluding Alaska and, prior to 1960, Hawaii. Excludes State institutions in Alaska and, prior to 1960, those in Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 412-417]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal institutions		State institutions		All institutions		Federal institutions		State institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1940.....	173,706	131.7	19,260	14.6	154,446	117.1	73,104	55.4	15,109	11.5	57,995	44.0
1945.....	133,649	99.9	18,638	13.9	115,011	86.0	53,212	39.8	14,171	10.6	39,041	29.2
1950.....	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1952.....	168,200	108.6	18,014	11.6	150,186	97.0	70,892	45.8	15,305	9.9	55,587	35.9
1953.....	173,547	110.1	19,363	12.3	154,184	97.8	74,240	47.1	16,376	10.4	57,864	36.7
1954.....	182,848	113.8	20,003	12.4	162,845	101.3	80,900	50.3	16,685	10.4	64,215	40.0
1955.....	185,780	113.3	20,088	12.3	165,692	101.1	78,414	47.8	15,286	9.3	63,128	38.5
1956.....	189,421	113.4	20,134	12.1	169,287	101.3	77,924	46.6	13,454	8.1	64,470	38.6
1957.....	195,256	114.8	20,420	12.0	174,836	102.8	80,482	47.3	13,305	7.8	67,177	39.5
1958.....	205,493	118.7	21,549	12.5	183,944	106.3	88,633	51.2	13,803	8.0	74,830	43.2
1959.....	207,446	117.8	22,492	12.8	184,954	105.0	87,192	49.5	13,872	7.9	73,320	41.6
1960.....	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1961.....	220,149	120.8	23,696	13.0	196,453	107.8	93,513	51.3	13,517	7.4	79,996	43.9
1962.....	218,830	118.1	23,944	12.9	194,886	105.2	89,082	48.1	13,514	7.3	75,568	40.8
1963.....	217,283	115.6	23,128	12.3	194,155	103.3	87,826	46.7	12,882	6.9	74,944	39.9
1964.....	214,336	112.5	21,709	11.4	192,627	101.1	87,578	46.0	12,482	6.5	75,096	39.4
1965.....	211,151	109.6	21,040	10.9	190,111	98.6	87,505	45.4	12,781	6.6	74,724	38.8

Source: Dept. of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 40.

No. 241. FEDERAL AND STATE PRISONERS—MOVEMENT OF SENTENCED PRISONERS: 1964 AND 1965

[For coverage, see headnote, table 240. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series H 418 and H 421-431]

MOVEMENT OF SENTENCED PRISONERS	1964			1965		
	Total	Male	Female	Total	Male	Female
Prisoners present:						
January 1.....	217,283	209,538	7,745	214,336	206,632	7,704
December 31.....	214,336	206,632	7,704	211,151	203,447	7,704
Percent change.....	–1.4	–1.4	–0.5	–1.5	–1.5	–
Admissions.....	193,421	186,398	7,023	205,333	197,970	7,363
Admitted, except transfers.....	131,046	124,572	6,474	133,033	126,396	6,637
Received from courts.....	87,578	83,337	4,241	87,505	83,241	4,264
Returned as a parole or conditional-release violator.....	19,558	18,647	911	19,393	18,527	866
Other admissions <sup>1</sup> .....	23,910	22,588	1,322	26,135	24,628	1,507
Transferred from other institutions.....	62,375	61,826	549	72,300	71,574	726
Departures.....	196,368	189,304	7,064	208,518	201,155	7,363
Discharged, except transfers.....	134,499	127,936	6,563	136,864	130,179	6,685
Releases.....	106,633	101,485	5,148	106,161	101,131	5,030
Conditional.....	67,952	64,450	3,502	68,044	64,537	3,507
Parole.....	60,202	57,004	3,198	60,715	57,515	3,200
Other conditional release.....	7,750	7,446	304	7,329	7,022	307
Unconditional.....	38,681	37,035	1,646	38,117	36,594	1,523
Death, except execution.....	731	718	13	676	660	16
Execution.....	15	15	–	7	7	–
Other discharges <sup>1</sup> .....	27,120	25,718	1,402	30,020	28,381	1,639
Transferred to other institutions.....	61,869	61,368	501	71,654	70,976	678

– Represents zero.

<sup>1</sup> Includes prisoner movement incident to escapes, court orders, and authorized temporary absences.

Source: Dept. of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 38 (revised) and 40.

No. 242. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY STATES: 1950 TO 1965

[See headnote, table 240]

STATE	PRESENT AT END OF YEAR					RECEIVED FROM COURTS				
	1950	1955	1960	1964	1965	1950	1955	1960	1964	1965
<b>United States.....</b>	<b>166,123</b>	<b>185,780</b>	<b>212,953</b>	<b>214,336</b>	<b>211,151</b>	<b>69,473</b>	<b>78,414</b>	<b>88,575</b>	<b>87,578</b>	<b>87,505</b>
Federal institutions <sup>1</sup> .....	17,134	20,088	23,218	21,709	21,040	14,237	15,286	13,723	12,482	12,781
State institutions.....	148,989	165,692	189,735	192,627	190,111	55,236	63,128	74,852	75,096	74,724
<b>New England:</b>										
Maine.....	736	620	750	719	695	471	325	495	449	418
New Hampshire.....	235	198	180	198	205	72	76	83	90	96
Vermont.....	259	285	269	290	263	210	207	217	246	220
Massachusetts.....	2,375	1,995	1,920	1,980	1,929	851	861	955	872	825
Rhode Island <sup>2</sup> .....	284	305	255	278	310	250	201	104	152	135
Connecticut.....	1,020	1,260	1,497	1,716	1,642	440	591	675	866	835
<b>Middle Atlantic:</b>										
New York <sup>3</sup> .....	15,313	17,069	17,207	17,658	17,505	3,456	4,510	5,186	5,269	5,474
New Jersey.....	3,991	3,782	4,284	4,614	4,839	1,555	1,679	2,274	2,510	2,566
Pennsylvania.....	7,432	7,342	7,892	7,667	7,116	1,867	2,187	2,101	2,128	2,015
<b>East North Central:</b>										
Ohio.....	9,128	10,483	11,111	11,861	11,374	2,727	3,264	3,733	3,388	3,421
Indiana.....	4,738	4,462	5,429	4,797	4,486	1,134	1,331	1,396	1,213	1,310
Illinois.....	7,886	8,130	9,064	8,754	8,306	1,868	2,196	2,826	2,601	2,461
Michigan.....	8,591	9,547	9,550	8,028	7,345	3,076	3,275	3,706	3,741	3,280
Wisconsin.....	2,017	2,281	2,784	2,844	2,830	1,051	1,265	1,315	1,365	1,106
<b>West North Central:</b>										
Minnesota.....	1,879	1,964	2,059	1,863	1,772	679	653	633	595	496
Iowa.....	2,084	2,203	2,204	2,256	2,178	632	743	845	833	694
Missouri.....	3,400	3,966	3,698	3,529	3,517	1,550	1,692	1,841	1,654	1,868
North Dakota.....	235	228	248	240	208	124	126	134	138	139
South Dakota.....	451	423	526	525	571	302	291	363	376	390
Nebraska.....	1,147	1,080	1,259	1,323	1,151	623	644	767	757	698
Kansas.....	1,959	1,974	2,313	2,825	2,791	833	802	985	1,092	1,115
<b>South Atlantic:</b>										
Delaware <sup>4</sup> .....	158	172	226	281	292	123	127	244	216	168
Maryland.....	3,892	4,685	5,316	5,453	5,467	3,060	3,855	4,369	4,675	4,775
Dist. of Columbia.....	1,478	1,943	1,958	1,653	1,604	580	679	578	616	667
Virginia.....	4,439	4,869	5,775	4,873	4,553	1,751	1,839	1,884	1,629	1,510
West Virginia.....	2,904	2,269	2,407	1,722	1,477	702	625	511	368	348
North Carolina.....	5,004	5,334	5,977	4,888	4,968	1,928	2,384	2,709	2,461	2,356
South Carolina.....	1,513	1,852	2,080	2,306	2,323	607	830	903	1,284	1,319
Georgia <sup>5</sup> .....	4,545	5,701	6,985	7,309	7,497	1,606	2,067	2,524	3,130	3,178
Florida.....	3,973	4,830	7,084	6,725	6,999	1,516	2,105	3,026	3,314	3,193
<b>East South Central:</b>										
Kentucky.....	3,259	3,349	3,603	3,030	2,813	1,365	1,476	1,793	1,591	1,311
Tennessee.....	2,780	2,723	3,134	3,187	3,213	1,026	984	1,294	1,300	1,403
Alabama <sup>6</sup> .....	4,454	5,222	5,369	4,586	4,178	2,514	3,065	2,357	2,011	1,873
Mississippi.....	2,158	2,080	1,975	2,056	2,019	753	737	856	797	685
<b>West South Central:</b>										
Arkansas.....	1,541	1,751	2,016	1,992	1,970	695	787	998	1,003	1,021
Louisiana.....	2,674	3,026	3,749	3,564	3,844	1,164	1,342	1,649	1,707	1,960
Oklahoma.....	2,401	2,660	2,679	2,808	2,829	1,183	1,237	1,511	1,797	1,747
Texas.....	6,424	8,622	11,308	12,278	12,854	2,996	3,947	5,043	5,723	5,615
<b>Mountain:</b>										
Montana.....	595	529	602	742	586	410	382	425	389	347
Idaho.....	514	520	549	476	481	290	233	275	238	232
Wyoming.....	368	287	338	339	336	195	166	235	215	196
Colorado.....	1,490	1,800	2,078	2,666	2,766	957	929	1,193	1,311	1,296
New Mexico.....	705	724	1,243	987	1,002	437	403	495	404	403
Arizona.....	878	1,055	1,516	1,627	1,694	452	540	816	740	736
Utah.....	562	554	553	661	701	239	168	268	247	302
Nevada.....	240	373	413	450	622	172	218	222	226	322
<b>Pacific:</b>										
Washington.....	2,290	2,443	2,455	2,960	3,202	933	805	987	1,102	1,195
Oregon.....	1,534	1,552	1,710	2,056	2,000	689	641	891	879	939
California.....	11,056	15,230	21,660	26,483	26,325	3,122	3,638	6,028	5,307	6,004
Hawaii.....	(NA)	(NA)	558	504	463	(NA)	(NA)	134	81	61

NA Not available. <sup>1</sup> Not included in State figures.

<sup>2</sup> Beginning 1960, excludes male misdemeanor prisoners in adult correctional institutions. 1965 excludes female misdemeanants.

<sup>3</sup> Beginning 1960, prisoners present include prisoners out of the institution on temporary absences.

<sup>4</sup> Through 1955, covers only the New Castle County workhouse; thereafter, also includes the Kent and Sussex County workhouses which were united with it to form a State correctional system.

<sup>5</sup> Includes all felony prisoners regardless of age.

<sup>6</sup> Beginning 1960, excludes misdemeanor prisoners received from court.

Source: Dept. of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 24 (revised), 38 (revised), and 40.

# NO. 243. SENTENCED FEDERAL PRISONERS RECEIVED FROM COURTS INTO FEDERAL INSTITUTIONS: 1950 TO 1966

[For years ending June 30. Excludes Federal prisoners committed to non-Federal institutions. They averaged 1,992 for 1955-65]

OFFENSE	1950	1955	1960	1963	1964	1965	1966
<b>Total</b> .....	<b>14, 403</b>	<b>16, 699</b>	<b>14, 210</b>	<b>13, 536</b>	<b>13, 220</b>	<b>12, 982</b>	<b>12, 370</b>
Counterfeiting and forgery.....	1, 307	1, 508	1, 646	1, 614	1, 449	1, 278	1, 228
Drug laws.....	1, 736	1, 531	1, 319	1, 104	1, 077	1, 228	1, 222
Marihuana.....	744	418	265	211	170	207	278
Narcotics.....	992	1, 113	1, 054	893	907	1, 021	944
Embezzlement and fraud.....	500	425	574	499	490	420	424
Immigration.....	2, 048	3, 791	1, 245	1, 127	1, 036	1, 146	935
Income tax.....	129	211	140	170	149	138	169
Juvenile delinquency (except D.C.).....	622	706	802	643	629	630	559
Kidnaping.....	39	36	20	22	22	26	29
Liquor laws.....	2, 012	2, 080	2, 044	1, 733	1, 782	1, 599	1, 379
Robbery.....	79	232	255	365	448	560	501
Securities, transporting false or forged.....	(NA)	165	335	397	418	405	376
Theft from interstate commerce.....	208	298	291	300	296	326	318
Transportation, etc., of stolen motor vehicle.....	2, 337	2, 868	3, 112	3, 153	3, 177	3, 072	3, 052
White slave traffic.....	160	225	111	117	94	65	63
Government reservation, D.C., high seas, and territorial cases.....	594	553	561	485	446	469	508
Other.....	1, 708	1, 506	1, 436	1, 563	1, 523	1, 409	1, 303
National security offenses.....	211	320	173	230	179	207	289
Selective Service Acts.....	118	201	129	193	145	173	266
Other national-defense security laws.....	93	119	44	37	34	34	23
Military court-martial cases.....	713	244	146	14	5	4	15

NA Not available.

Source: Dept. of Justice, Bureau of Prisons; annual report, *Statistical Tables*.

# NO. 244. COURT COMMITMENTS TO FEDERAL INSTITUTIONS BY TYPE OF PREVIOUS COMMITMENTS, BY OFFENSE: 1966

[For year ending June 30]

OFFENSE	Total committed	WITH KNOWN PREVIOUS COMMITMENTS <sup>1</sup>					Without known previous commitments
		Total	Percent of total committed	Adult felony	Juvenile	Misdemeanor	
<b>All offenses</b> .....	<b>12, 370</b>	<b>7, 439</b>	<b>60. 1</b>	<b>4, 976</b>	<b>1, 273</b>	<b>1, 190</b>	<b>4, 931</b>
Percent.....	100. 0	60. 1	(X)	40. 2	10. 3	9. 6	39. 9
Counterfeiting.....	239	143	59. 8	98	15	30	96
Drug laws.....	1, 222	610	49. 9	420	69	121	612
Embezzlement.....	200	30	15. 0	20	4	6	170
Forgery.....	989	715	72. 4	494	76	145	274
Fraud.....	224	87	38. 8	63	5	19	137
Immigration.....	935	554	59. 3	486	19	49	381
Income tax.....	169	32	18. 9	21	2	9	137
Juvenile delinquency (except D.C.).....	559	267	47. 8	12	216	39	292
Kidnaping.....	29	21	72. 4	14	4	3	8
Larceny-theft.....	3, 965	2, 871	72. 4	1, 844	599	428	1, 094
Transportation, etc., of stolen motor vehicle.....	3, 052	2, 279	74. 7	1, 440	533	306	773
Liquor laws.....	1, 379	762	55. 3	624	22	116	617
Robbery.....	501	339	67. 7	251	36	52	162
Securities, transporting false or forged.....	376	278	73. 9	215	24	39	98
Selective Service Act.....	266	24	9. 0	4	11	9	242
Wearing military uniform illegally.....	18	12	66. 7	10	1	1	6
White slave traffic.....	63	43	68. 3	32	2	9	20
Other and unclassifiable.....	713	387	54. 3	269	46	72	326
Government reservation, D.C., high seas, and territorial cases.....	508	262	51. 2	99	121	42	246
Military court-martial cases.....	15	2	13. 3	-	1	1	13

- Represents zero. X Not applicable.

<sup>1</sup> Classified according to most serious single previous commitment in cases where there were more than 1 previous commitment.

Source: Dept. of Justice, Bureau of Prisons; annual report, *Statistical Tables*.



[For year ending June 30. Excludes 1,192 first releases other than by parole, expiration of sentence, and mandatory release; also excludes 1,860 second or subsequent releases. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

RELEASES, EXCLUDING PRISONERS SENTENCED UNDER THE YOUTH CORRECTIONS ACT														
OFFENSE	All first releases				Parole				Expiration of sentence and mandatory release				YOUTH CORRECTIONS ACT RELEASES	
	Num-ber	Average time served		Average sentence (months)	Num-ber	Average time served		Average sentence (months)	Num-ber	Average time served		Num-ber	Average time served (months)	
		Months	Percent of average sentence			Months	Percent of average sentence			Months	Percent of average sentence			
All offenses-----	11, 894	32.7	19.3	59.1	3, 785	41.7	17.5	41.9	8, 109	28.5	20.1	70.8	1, 171	20.1
Counterfeiting-----	226	38.6	20.3	52.1	116	48.6	19.5	40.2	110	28.7	21.1	73.4	6	20.8
Drug laws-----	1, 144	64.7	40.3	62.5	155	43.6	18.6	42.7	989	67.8	43.7	64.5	83	17.8
Embezzlement-----	1, 176	19.5	9.1	46.8	94	28.9	11.1	38.4	82	8.6	6.8	79.5	14	10.1
Forgery-----	1, 070	26.5	16.3	63.1	266	37.3	16.5	44.4	804	22.9	16.8	73.2	70	20.2
Fraud-----	214	21.9	12.5	57.3	80	31.2	13.3	42.5	134	16.3	12.1	74.2	6	18.3
Immigration; nationality laws-----	1, 064	10.9	8.3	75.8	96	16.6	7.5	45.1	968	10.3	8.3	80.7	-	-
Impersonating Federal officer-----	31	22.3	14.8	66.3	5	33.6	14.6	43.5	26	20.2	14.8	73.7	-	-
Income tax-----	162	11.9	6.6	55.7	63	18.3	7.1	38.7	99	7.8	6.4	81.0	-	-
Juvenile delinquency (except D.C.)-----	637	36.0	17.0	47.3	502	38.5	15.5	40.2	155	28.0	22.1	78.9	-	-
Kidnaping-----	21	158.1	79.3	50.2	10	196.5	79.3	40.4	11	123.3	79.4	64.4	2	24.5
Larceny-theft-----	3, 430	28.7	18.5	64.5	948	33.7	15.3	45.6	2, 482	26.9	19.7	73.5	762	19.7
Transportation, etc. of stolen motor vehicle-----	2, 431	30.2	19.7	65.5	663	33.3	15.5	46.6	1, 768	29.0	21.4	73.7	693	19.5
Liquor laws-----	1, 603	16.0	9.6	59.8	642	20.4	9.1	44.3	1, 961	13.1	9.9	75.9	8	9.5
Robbery-----	343	123.0	54.0	43.9	234	134.1	49.8	37.2	109	99.1	62.8	63.3	41	28.8
Securities, transporting false or forged-----	383	35.5	22.1	62.1	109	44.0	19.4	44.0	274	32.1	23.1	72.0	27	19.6
Selective Service Act-----	162	20.0	10.7	52.6	97	26.9	12.4	46.1	65	10.4	8.1	77.8	3	17.7
Wearing military uniform illegally-----	19	10.4	8.3	79.7	1	24.0	17.0	70.8	18	9.6	7.8	80.9	3	26.3
White slave traffic-----	91	40.1	26.0	64.7	22	43.3	19.0	44.0	69	39.1	28.2	72.1	2	9.0
Other and unclassifiable-----	688	28.2	16.6	58.9	217	44.6	20.3	45.5	471	20.4	14.5	71.1	42	20.4
District of Columbia local offenses-----	144	41.5	26.5	63.6	33	72.0	31.2	43.4	111	32.7	25.1	76.8	53	26.1
Government reservation, high seas, and territorial cases-----	250	51.5	25.4	49.4	90	92.7	36.0	38.8	160	28.2	19.5	69.0	49	21.1
Military court-martial cases-----	16	206.3	115.6	56.0	5	180.0	70.4	39.1	11	218.2	136.1	62.4	-	-

- Represents zero.

Source: Dept. of Justice, Bureau of Prisons; annual report, *Statistical Tables*.

No. 246. HOMICIDES AND SUICIDES: 1930 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Excludes Armed Forces abroad]

ITEM	1930		1940		1950		1960		1965	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicide.....	8,373	2,100	6,647	1,682	6,089	1,853	6,269	2,195	8,148	2,564
Assault by—										
Firearms and explosives.....	5,809	1,186	3,761	894	3,163	1,016	3,460	1,167	4,807	1,351
Cutting and piercing instruments.....	1,211	342	1,660	404	1,510	369	1,442	394	1,847	445
Other means.....	1,213	570	1,105	384	1,055	466	1,069	631	1,216	768
Intervention of police.....	(NA)	(NA)	(NA)	(NA)	280	2	242	3	271	—
Execution.....	140	2	121	—	81	—	56	—	7	—
Suicide.....	14,319	4,004	14,466	4,441	13,297	3,848	14,539	4,502	15,490	6,017
Poisoning.....	3,458	2,083	3,537	2,086	2,461	1,508	2,631	1,699	3,179	2,816
Hanging and strangulation.....	2,748	520	2,776	778	2,759	833	2,576	790	2,453	744
Firearms and explosives.....	6,088	647	6,310	763	6,571	806	7,879	1,138	8,457	1,441
Other.....	2,025	754	1,843	814	1,506	701	1,453	875	1,401	1,016

— Represents zero.  
NA Not available.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 247. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1966

[Includes 3 Federal executions in Alaska, 1 each in 1939, 1948, and 1950. Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1957*, series H 432-444]

TYPE OF OFFENSE AND RACE	All years	1930-39	1940-49	1950-59	1960	1961	1962	1963	1964	1965	1966
Total.....	3,857	1,667	1,284	717	56	42	47	21	15	7	1
White.....	1,750	827	490	336	21	20	28	13	8	6	1
Negro.....	2,065	816	781	376	35	22	19	8	7	1	—
Other.....	42	24	13	5	—	—	—	—	—	—	—
Murder.....	3,333	1,515	1,064	601	44	33	41	18	9	7	1
White <sup>1</sup> .....	1,664	804	458	316	18	18	26	12	5	6	1
Negro <sup>1</sup> .....	1,629	687	595	280	26	15	15	6	4	1	—
Other.....	40	24	11	5	—	—	—	—	—	—	—
Rape.....	455	125	200	102	8	8	4	2	6	—	—
White.....	48	10	19	13	—	1	2	—	3	—	—
Negro.....	405	115	179	89	8	7	2	2	3	—	—
Other.....	2	—	2	—	—	—	—	—	—	—	—
All other offenses <sup>2</sup> .....	69	27	20	14	4	1	2	1	—	—	—
White <sup>3</sup> .....	38	13	13	7	3	1	—	1	—	—	—
Negro.....	31	14	7	7	1	—	2	—	—	—	—

— Represents zero.  
<sup>1</sup> White includes 18 females; Negro, 12 females.  
<sup>2</sup> 24 armed robbery, 20 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), and 6 aggravated assault.  
<sup>3</sup> Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.

Source: Dept. of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 41.

## No. 248. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH, 1964 TO 1966

[Includes all prisoners executed or reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense]

ITEM	1964, total	1965			1966		
		Total	Murder	Other	Total	Murder	Other
Reported under sentence, Jan. 1.....	300	333	283	50	346	290	56
Received from court during year.....	98	67	60	7	114	88	26
Executed:							
Present Jan. 1.....	12	6	6	—	1	1	—
Received during year.....	3	1	1	—	—	—	—
Other disposition:							
Commutations.....	9	19	17	2	17	16	1
Transfer to mental hospital.....	3	4	4	—	3	3	—
Other <sup>1</sup> .....	56	39	36	3	33	26	7
Reported under sentence, Dec. 31.....	315	331	279	52	406	332	74
Received in current year.....	90	63	56	7	111	86	25
Received in prior years.....	225	268	223	45	295	246	49

— Represents zero.

<sup>1</sup> Reversals of judgment, vacated sentences, grants for new trials, suicide, or death from natural causes.

## No. 249. PRISONERS EXECUTED UNDER CIVIL AUTHORITY—STATES: 1930 TO 1966

[Death penalty illegal in States not listed (Alaska, Hawaii, Maine, Mich., Minn., N. Dak., R.I., and Wis.) and as noted, with certain exceptions in N.Y., N. Dak., R.I., and Vt. under the provision of which no executions have taken place. Method of execution: E—electrocution, G—lethal gas, H—hanging, and S—shooting or hanging]

STATE	Execu- tion method, 1966	All years	1930-39	1940-49	1950-59	1960	1964	1965	1966	
									Total	Murder
<b>Total<sup>1</sup></b> .....	<b>(X)</b>	<b>3,857</b>	<b>1,667</b>	<b>1,284</b>	<b>717</b>	<b>56</b>	<b>15</b>	<b>7</b>	<b>1</b>	<b>1</b>
Alabama.....	E	135	60	50	20	1	1	1	—	—
Arizona.....	G	38	17	9	8	1	—	—	—	—
Arkansas.....	E	118	53	38	18	8	1	—	—	—
California.....	G	291	108	80	74	9	—	—	—	—
Colorado.....	G	46	25	13	3	1	1	—	—	—
Connecticut.....	E	21	5	10	5	1	—	—	—	—
Delaware.....	H	12	8	4	( <sup>2</sup> )	( <sup>2</sup> )	—	—	—	—
Dist. of Columbia.....	E	40	20	16	4	—	—	—	—	—
Florida.....	E	170	44	65	49	2	2	—	—	—
Georgia.....	E	366	137	130	85	6	2	—	—	—
Idaho.....	H	3	—	—	3	—	—	—	—	—
Illinois.....	E	90	61	18	9	—	—	—	—	—
Indiana.....	E	41	31	7	2	—	—	—	—	—
Iowa.....	H	18	8	7	1	—	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Kansas.....	H	15	( <sup>4</sup> )	5	5	—	—	4	—	—
Kentucky.....	E	103	52	34	16	—	—	—	—	—
Louisiana.....	E	133	58	47	27	—	—	—	—	—
Maryland.....	G	68	16	45	6	—	—	—	—	—
Massachusetts.....	E	27	18	9	—	—	—	—	—	—
Mississippi.....	G	154	48	60	36	1	1	—	—	—
Missouri.....	G	62	36	15	7	—	2	1	—	—
Montana.....	H	6	5	1	—	—	—	—	—	—
Nebraska.....	E	4	—	2	2	—	—	—	—	—
Nevada.....	G	29	8	10	9	1	—	—	—	—
New Hampshire.....	H	1	1	—	—	—	—	—	—	—
New Jersey.....	E	74	40	14	17	—	—	—	—	—
New Mexico.....	G	8	2	2	3	1	—	—	—	—
New York.....	E	329	153	114	52	6	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
North Carolina.....	G	263	131	112	19	—	—	—	—	—
Ohio.....	E	172	82	51	32	2	—	—	—	—
Oklahoma.....	E	60	34	13	7	3	—	—	1	1
Oregon.....	G	19	2	12	4	—	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Pennsylvania.....	E	152	82	36	31	—	—	—	—	—
South Carolina.....	E	162	67	61	26	1	—	—	—	—
South Dakota.....	E	1	( <sup>6</sup> )	1	—	—	—	—	—	—
Tennessee.....	E	93	47	37	8	1	—	—	—	—
Texas.....	E	297	120	74	74	8	5	—	—	—
Utah.....	S	13	2	4	6	1	—	—	—	—
Vermont.....	E	4	1	1	2	—	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Virginia.....	E	92	28	35	23	1	—	—	—	—
Washington.....	H	47	23	16	6	1	—	—	—	—
West Virginia.....	E	40	20	11	9	—	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wyoming.....	G	7	4	2	—	—	—	1	—	—

— Represents zero. X Not applicable.

<sup>1</sup> Includes 33 Federal executions not shown by State (1930-1939, 10; 1940-1949, 13; 1950-59, 9; and 1963, 1).

<sup>2</sup> Death penalty illegal from Apr. 2, 1958, to Dec. 18, 1961. <sup>3</sup> Death penalty abolished.

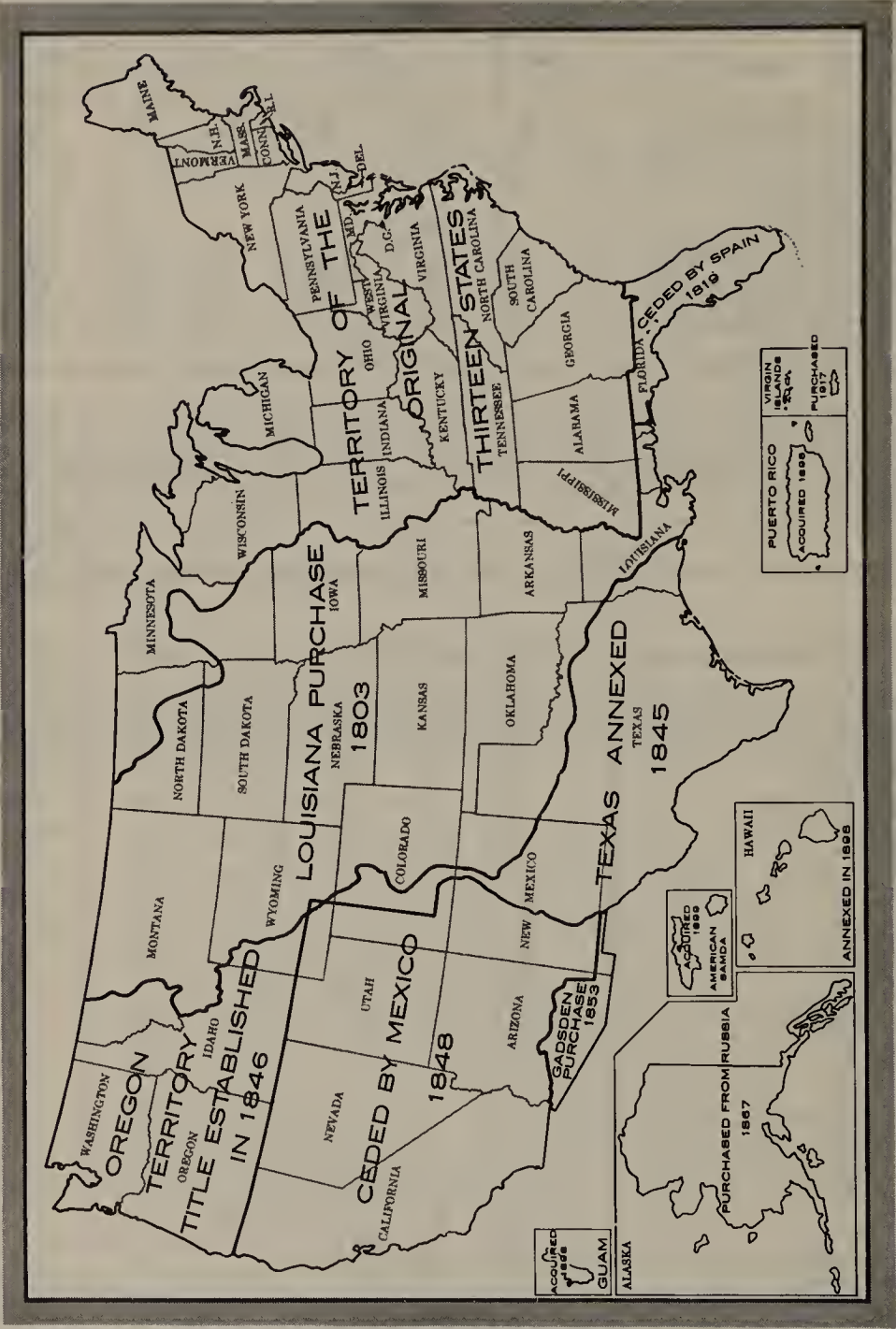
<sup>4</sup> Death penalty illegal 1930-1934.

<sup>5</sup> Capital punishment abolished after a referendum in Nov. 1964. <sup>6</sup> Death penalty illegal 1930-1933.

Source of tables 248 and 249: Dept. of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 41.



FIG. XI. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER PRINCIPAL AREAS  
[See table 250]



Source: Dept. of Commerce, Bureau of the Census.

## Section 6

### Area, Geography, and Climate

This section relates to area, climatologic, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements (issued infrequently by the Bureau of the Census), which present area and geography statistics of national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey and the Environmental Science Services Administration, which includes the Coast and Geodetic Survey and the Weather Bureau.

**Area.**—Area measurements in the United States began with the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U.S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. Until 1881, the General Land Office was practically the sole source of information concerning the areas of the States and Territories.

In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 Census, the Bureau published *Areas of the United States: 1940*, presenting the first basic measurement of the United States since the 1880 Census. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions. No comprehensive remeasurement was made for reports of the 1950 and 1960 Censuses, but adjustments in selected area figures were made for three principal reasons: (1) Changes in boundaries, (2) the development of water reservoirs, or (3) the improvement in maps from which area measurements are made. In 1964, the Bureau undertook measurement of the areas of cities, minor civil divisions, and census county divisions of the 1960 Census. The results are published in *Area Measurement Reports, Series GE-20*, the series consisting of one report for each State and a United States summary. These reports include the same kinds of data as the 1940 report plus statistics on the population (total and per square mile) for each area.

**Geography.**—The Geological Survey, cooperating in some instances with State and local agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies. Since 1927, the Coast and Geodetic Survey has also been in charge of preparing aeronautical charts for the United States and its outlying areas.

A civil mapping activity of the Corps of Engineers, the U.S. Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information on harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, and the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

**Air pollution.**—The Public Health Service first established an air sampling network in 1953. The Federal Air Pollution Research and Technical Assistance Act (PL 159, 84th Congress), under the provisions of which the present National Air Sampling Network was created, became effective in 1955. The Network's objectives are to determine the extent and nature of air pollution, to study trends in levels of atmospheric contaminants, and to investigate relationships between air pollution and socio-economic, geographic, topographic, and other factors. Currently there are 250 sampling stations in the Network, 215 urban and 35 nonurban.

The Radiation Surveillance Network is a cooperative air sampling program consisting of 74 collection stations. It was established by the Public Health Service and is operated by the Division of Radiological Health in conjunction with State health departments.

**Climate.**—The Environmental Science Services Administration, through the Weather Bureau and the Environmental Data Service, is responsible for collecting, processing, and publishing data on climate. It maintains about 11,000 weather stations, of which nearly 3,000 produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau uses "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1931 to 1960. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the means of the monthly values for the 30 years; for temperature, the normal maximum and normal minimum values were used to obtain monthly normals. The annual normal temperature is obtained by dividing by 2 the sum of the annual normal maximum value and the annual normal minimum value of temperature.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1931 to 1960, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjustment factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1931 to 1960) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and computed from the standard base 65° F. The degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degrees difference in the temperature between the average temperature for the day and 65° F."

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



No. 250. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1960. See also *Historical Statistics, Colonial Times to 1957*, series J 1-2]

ACCESSION	Date	Gross area (land and water)	ACCESSION	Date	Gross area (land and water)
<b>Total</b> .....	1960	<i>Sq. mi.</i> 3,628,150	<b>Other:</b>		<i>Sq. mi.</i>
United States.....	(X)	3,615,211	<i>The Philippines</i> <sup>2</sup> .....	1898	115,600
Territory in 1790 <sup>1</sup> .....	(X)	888,811	Puerto Rico.....	<sup>3</sup> 1899	3,435
Louisiana Purchase.....	1803	827,192	Guam.....	<sup>4</sup> 1899	212
By treaty with Spain:			American Samoa.....	<sup>5</sup> 1900	76
Florida.....	1819	58,560	Canal Zone <sup>6</sup> .....	1904	553
Other areas.....	1819	13,443	Corn Islands <sup>7</sup> .....	1914	4
Texas.....	1845	390,144	Virgin Islands of the U.S.....	1917	133
Oregon.....	1846	285,580	Trust Territory of the Pacific Islands <sup>8</sup> .....	1947	8,484
Mexican Cession.....	1848	529,017	All other <sup>9</sup> .....	(X)	42
Gadsden Purchase.....	1853	29,640			
Alaska.....	1867	586,400			
Hawaii.....	1898	6,424			

X Not applicable.  
<sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.  
<sup>2</sup> Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.  
<sup>3</sup> Ceded by Spain in 1898 and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. See table 5.  
<sup>4</sup> Acquired 1898; ratified 1899.  
<sup>5</sup> Acquired 1899; ratified 1900.  
<sup>6</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.  
<sup>7</sup> Leased (1914) from Republic of Nicaragua for 99 years.  
<sup>8</sup> Under trusteeship. See table 5, footnote 15.  
<sup>9</sup> Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueño Bank, Roncador Cay, and Serrano Bank (each less than 0.5), and other islands specified in table 5, footnote 8, for which area figures are not available.  
Source: Dept. of Commerce, Bureau of the Census; unpublished data.

No. 251. COASTLINE OF THE UNITED STATES, BY STATES  
[In statute miles]

STATE	General coastline <sup>1</sup>	Tidal shoreline <sup>2</sup>	STATE	General coastline <sup>1</sup>	Tidal shoreline <sup>2</sup>
<b>United States</b> .....	12,383	88,633	<b>Atlantic coast—Continued</b>		
<b>Atlantic coast</b> .....	2,069	28,673	South Carolina.....	187	2,876
Connecticut.....	-	618	Virginia.....	112	3,315
Delaware.....	28	381	<b>Gulf coast</b> .....	1,631	17,141
Florida.....	580	3,331	Alabama.....	53	607
Georgia.....	100	2,344	Florida.....	770	5,095
Maine.....	228	3,478	Louisiana.....	397	7,721
Maryland.....	31	3,190	Mississippi.....	44	359
Massachusetts.....	192	1,519	Texas.....	367	3,359
New Hampshire.....	13	131	<b>Pacific coast</b> .....	7,623	40,298
New Jersey.....	130	1,792	Alaska.....	5,580	31,383
New York.....	127	1,850	California.....	840	3,427
North Carolina.....	301	3,375	Hawaii.....	750	1,052
Pennsylvania.....	-	89	Oregon.....	296	1,410
Rhode Island.....	40	384	Washington.....	157	3,026
			<b>Arctic coast, Alaska</b> .....	1,060	2,521

- Represents zero.  
<sup>1</sup> Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point.  
<sup>2</sup> Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.  
Source: Dept. of Commerce, Environmental Science Services Administration; *Coastline of the United States*, April 1, 1961.

## No. 252. AREA OF STATES AND OTHER AREAS: 1960

[Area in square miles]

STATE OR OTHER AREA	Capital	Year of admision to statehood	AREA			
			Total	Rank order	Land <sup>1</sup>	Water <sup>2</sup>
<b>United States</b> .....	<b>Washington, D.C.</b> .....	(X)	3,615,211	(X)	3,548,974	66,237
<b>New England</b> .....		(X)	66,608	(X)	63,126	3,482
Maine.....	Augusta.....	1820	33,215	39	31,012	2,203
New Hampshire.....	Concord.....	<sup>3</sup> 1788	9,304	44	9,033	271
Vermont.....	Montpelier.....	1791	9,609	43	9,274	335
Massachusetts.....	Boston.....	<sup>3</sup> 1788	8,257	45	7,867	390
Rhode Island.....	Providence.....	<sup>3</sup> 1790	1,214	50	1,058	156
Connecticut.....	Hartford.....	<sup>3</sup> 1788	5,009	48	4,870	139
<b>Middle Atlantic</b> .....		(X)	102,745	(X)	100,467	2,278
New York.....	Albany.....	<sup>3</sup> 1788	49,576	30	47,939	1,637
New Jersey.....	Trenton.....	<sup>3</sup> 1787	7,836	46	7,532	304
Pennsylvania.....	Harrisburg.....	<sup>3</sup> 1787	45,333	33	45,007	326
<b>East North Central</b> .....		(X)	248,283	(X)	244,811	3,472
Ohio.....	Columbus.....	1803	41,222	35	40,972	250
Indiana.....	Indianapolis.....	1816	36,291	38	36,189	102
Illinois.....	Springfield.....	1818	56,400	24	55,930	470
Michigan.....	Lansing.....	1837	58,216	23	57,019	1,197
Wisconsin.....	Madison.....	1848	56,154	26	54,705	1,449
<b>West North Central</b> .....		(X)	517,247	(X)	509,674	7,573
Minnesota.....	St. Paul.....	1858	84,068	12	80,009	4,059
Iowa.....	Des Moines.....	1846	56,290	25	56,043	247
Missouri.....	Jefferson City.....	1821	69,686	19	69,138	548
North Dakota.....	Bismarck.....	1889	70,665	17	69,457	1,208
South Dakota.....	Pierre.....	1889	77,047	16	75,956	1,091
Nebraska.....	Lincoln.....	1867	77,227	15	76,612	615
Kansas.....	Topeka.....	1861	82,264	14	82,056	208
<b>South Atlantic</b> .....		(X)	278,902	(X)	267,695	11,207
Delaware.....	Dover.....	<sup>3</sup> 1787	2,057	49	1,982	75
Maryland.....	Annapolis.....	<sup>3</sup> 1788	10,577	42	9,891	686
Dist. of Columbia.....		(X)	67	51	61	6
Virginia.....	Richmond.....	<sup>3</sup> 1788	40,817	36	39,841	976
West Virginia.....	Charleston.....	1863	24,181	41	24,079	102
North Carolina.....	Raleigh.....	<sup>3</sup> 1789	52,712	28	49,067	3,645
South Carolina.....	Columbia.....	<sup>3</sup> 1788	31,055	40	30,280	775
Georgia.....	Atlanta.....	<sup>3</sup> 1788	58,876	21	58,197	679
Florida.....	Tallahassee.....	1845	58,560	22	54,136	4,424
<b>East South Central</b> .....		(X)	181,964	(X)	179,908	2,056
Kentucky.....	Frankfort.....	1792	40,395	37	39,851	544
Tennessee.....	Nashville.....	1796	42,244	34	41,367	879
Alabama.....	Montgomery.....	1819	51,609	29	50,851	758
Mississippi.....	Jackson.....	1817	47,716	32	47,358	358
<b>West South Central</b> .....		(X)	438,885	(X)	429,332	9,553
Arkansas.....	Little Rock.....	1836	53,104	27	52,175	929
Louisiana.....	Baton Rouge.....	1812	48,523	31	45,106	3,417
Oklahoma.....	Oklahoma City.....	1907	69,919	18	68,984	935
Texas.....	Austin.....	1845	267,339	2	262,970	4,369
<b>Mountain</b> .....		(X)	863,887	(X)	856,951	6,936
Montana.....	Helena.....	1889	147,138	4	145,603	1,535
Idaho.....	Boise.....	1890	83,557	13	82,677	880
Wyoming.....	Cheyenne.....	1890	97,914	9	97,281	633
Colorado.....	Denver.....	1876	104,247	8	103,794	453
New Mexico.....	Santa Fe.....	1912	121,666	5	121,445	221
Arizona.....	Phoenix.....	1912	113,909	6	113,563	346
Utah.....	Salt Lake City.....	1896	84,916	11	82,381	2,535
Nevada.....	Carson City.....	1864	110,540	7	109,889	651
<b>Pacific</b> .....		(X)	916,690	(X)	897,010	19,680
Washington.....	Olympia.....	1889	68,192	20	66,663	1,529
Oregon.....	Salem.....	1859	96,981	10	96,209	772
California.....	Sacramento.....	1850	158,693	3	156,537	2,156
Alaska.....	Juneau.....	1959	586,400	1	571,065	15,335
Hawaii.....	Honolulu.....	1959	6,424	47	6,415	9
<b>Other areas:</b>						
Puerto Rico.....	San Juan.....	(X)	3,435	(X)	3,421	14
American Samoa.....	Pago Pago.....	(X)	76	(X)	76	-
Canal Zone <sup>4</sup> .....		(X)	553	(X)	362	191
Guam.....	Agana.....	(X)	212	(X)	209	3
Trust Terr. of Pacific Is. <sup>5</sup> .....		(X)	8,484	(X)	687	7,797
Virgin Islands of U.S. ....	Charlotte Amalie.....	(X)	133	(X)	132	1

- Represents zero. X Not applicable.

<sup>1</sup> Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; canals under one-third statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area.<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water.<sup>3</sup> Year of ratification of Constitution; one of the original 13 States.<sup>4</sup> See table 5, footnote 12. <sup>5</sup> See table 5, footnote 15.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960, Vol. I, Area Measurement Reports*, Series GE-20. This Series, available for 32 States as of April 18, 1967, contains revised data; subsequent adjustments will be made in cases where the land and water figures do not add to the State totals shown.



No. 253. EXTREME POINTS OF THE UNITED STATES

[The geographic center of an area may be defined as the center of gravity of the surface, or that point on which the surface of the area would balance if it were a plane of uniform thickness. Because there is no generally accepted definition of geographic center, and no completely satisfactory method of determining it, there may be as many geographic centers of a State or country as there are definitions of the term. Because many factors such as curvature of the earth, large bodies of water, and irregular surfaces affect the determination of centers of gravity, the following positions should be considered as approximations only]

LOCATION	Direction from geographic center	COORDINATES		Distance from geographic center
		Latitude (N)	Longitude (W)	
From geographic center of conterminous United States near Lebanon, Smith County, Kans., 39°50', 98°35' to—				<i>Miles</i>
Lake of the Woods, Projection, Minnesota.....	North.....	49°23'	95°09'	680
Key West, Florida.....	South.....	24°33'	81°48'	1,436
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,640
Cape Alava, Washington.....	West.....	48°10'	124°44'	1,412
From geographic center of the United States (excl. Hawaii) <sup>1</sup> near Castle Rock, Butte County, S. Dak., 44°59', 103°38' to—				
Point Barrow, Alaska.....	North.....	71°23'	156°29'	2,504
Key West, Florida.....	South.....	24°33'	81°48'	1,865
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,779
Cape Wrangell, Attu Island, Alaska.....	West.....	52°55'	172°27' (E)	3,623
From geographic center of the United States (incl. Alaska and Hawaii) <sup>2</sup> west of Castle Rock, S. Dak., 44°58', 103°46' to—				
Point Barrow, Alaska.....	North.....	71°23'	156°29'	2,502
Ka Lae (South Cape), Hawaii Island, Hawaii.....	South.....	18°56'	155°41'	3,456
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,785
Cape Wrangell, Attu Island, Alaska.....	West.....	52°55'	172°27' (E)	3,620

<sup>1</sup> Excludes islands adjacent to the conterminous United States.

<sup>2</sup> Excludes islands adjacent to the conterminous United States, but includes all islands of the Aleutian chain and Hawaii.

Note.—The following distances in statute miles are computed to mean sea level: (a) from West Quoddy Head, Maine, west along the parallel to the Pacific Ocean, 2,807 miles; (b) from the south point of Texas due north to the 49th parallel, 1,598 miles; (c) from West Quoddy Head, Maine, to Cape Wrangell, Alaska, 4,839 miles; (d) from West Quoddy Head, Maine, to Kure Island, Hawaii, 5,788 miles; (e) from Mangrove Point, Florida, to Cape Wrangell, Alaska, 5,495 miles; (f) the two points farthest apart are Log Point, Elliot Key, Florida, and Kure Island, Hawaii, a distance of 5,852 miles; (g) length of the northern boundary, excluding Alaska, is 3,987 miles; (h) length of the Canadian-Alaskan boundary, 1,538 miles; (i) length of the Mexican boundary from Gulf of Mexico to the Pacific Ocean, approximately 1,933 miles, 1963 boundary agreement with Mexico; (j) the two points farthest apart in the conterminous United States are West Quoddy Head, Maine, and Point Arena, California, 2,897 miles; (k) the shortest distance between the Atlantic Ocean and the Pacific Ocean across the conterminous United States (approximately 10 miles south of Brunswick, Georgia, to approximately 12 miles south of San Diego, California), 2,088 miles; (l) Cape Mendocino, California projection extends to latitude 40°27', at longitude 124°24'; Cape Sable, Florida (on mainland) projection extends to latitude 25°07', at longitude 81°05'; Kure Island, Hawaii projection extends to latitude 28°25', at longitude 178°22'. The extreme south point of Texas is in latitude 25°50', longitude 97°24'.

Source: Dept. of the Interior, Geological Survey; *Boundaries of the United States and the Several States* (bulletin 1212), MI0-18A; *Geographic Centers of the United States*, MI0-8; and unpublished data.

No. 254. WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER—STATES

[In square miles. Includes only that portion of body of water under the jurisdiction of the U.S., excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 252]

BODY OF WATER	State	Area	BODY OF WATER	State	Area
<b>Total</b> .....		<b>74,364</b>	Gulf of Mexico coastal water.....		3,837
Atlantic coastal water.....		2,298			
	Florida.....	37		Alabama.....	560
	Georgia.....	48		Florida.....	1,698
	Maine.....	1,102		Louisiana.....	1,016
	Massachusetts.....	959		Mississippi.....	556
	Rhode Island.....	14		Texas.....	7
	South Carolina.....	138	Lake Michigan.....		22,178
Chesapeake Bay.....		3,237		Illinois.....	1,526
	Maryland.....	1,726		Indiana.....	228
	Virginia.....	1,511		Michigan.....	13,037
Delaware Bay.....		665		Wisconsin.....	7,387
	Delaware.....	350	New York Harbor.....		92
	New Jersey.....	315		New Jersey.....	69
Lake Erie.....		5,002		New York.....	23
	Michigan.....	216	Lake Ontario.....	New York.....	3,033
	New York.....	594	Pacific coastal water.....		343
	Ohio.....	3,457		California.....	69
	Pennsylvania.....	735		Oregon.....	48
Straits of Georgia and Juan de Fuca.....				Washington.....	226
	Washington.....	1,610	Puget Sound.....	Washington.....	561
Lake Huron.....	Michigan.....	8,975	Lake St. Clair.....	Michigan.....	116
Long Island Sound.....		1,299	Lake Superior.....		21,118
	Connecticut.....	573		Michigan.....	16,231
	New York.....	726		Minnesota.....	2,212
				Wisconsin.....	2,675

Source: Dept. of Commerce, Bureau of the Census; *Areas of the United States: 1940*.



No. 255. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 400 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams]

RIVER	Outflow	Length (miles)	RIVER	Outflow	Length (miles)
Apalachicola-Chattahoochee	Gulf of Mexico	550	Neosho	Arkansas River	450
Arkansas	Mississippi River	1,450	Niobrara	Missouri River	431
Belle Fourche	Cheyenne River	416	North Canadian	Canadian River	784
Big Sioux	Missouri River	420	North Platte	Platte River	680
Brazos	Gulf of Mexico	1,210	Ohio	Mississippi River	981
Canadian	Arkansas River	906	Ohio-Allegheny	Mississippi River	1,306
Cimarron	Arkansas River	698	Ouachita	Red River	605
Clark Fork-Pend Oreille	Columbia River	505	Pearl	Gulf of Mexico	490
Colorado (U.S.-Mex.)	Gulf of California	1,450	Pecos	Rio Grande	926
Colorado (Texas)	Matagorda Bay	894	Pee Dee-Yadkin	Winyah Bay	435
Columbia	Pacific Ocean	1,214	Porcupine	Yukon River	555
Columbia, Upper	To mouth of Snake River	890	Powder	Yellowstone River	486
Colville	Beaufort Sea	428	Red (Okla.-Tex.-La.)	Mississippi River	1,222
Connecticut	Long Island Sound	407	Red River of the North	Lake Winnipeg	545
Cumberland	Ohio River	687	Republican	Kansas River	422
Gila	Colorado River	630	Rio Grande	Gulf of Mexico	1,885
Green (Utah-Wyo.)	Colorado River	730	St. John	Bay of Fundy	400
Imnoko	Yukon River	463	Salmon (Idaho)	Snake River	402
James (N. Dak.-S. Dak.)	Missouri River	710	Santee-Wateree-Catawba	Atlantic Ocean	438
Kootenai	Columbia River	485	Smoky Hill	Kansas River	560
Koyukuk	Yukon River	554	Snake	Columbia River	1,000
Kuskokwim	Kuskokwim Bay	800	South Platte	Platte River	442
Little Missouri	Missouri River	560	Susquehanna	Chesapeake Bay	458
Marais des Cygnes-Osage	Missouri River	496	Tanana	Yukon River	531
Milk	Missouri River	625	Tennessee	Ohio River	652
Mississippi	Mouth of SW Pass	2,348	Tennessee-French Broad	Ohio River	869
Mississippi, Upper	To mouth of Missouri River	1,171	Tombighee	Mobile River	409
Mississippi-Missouri-Red Rock	Mouth of SW Pass	3,741	Trinity	Trinity Bay	715
Missouri	Mississippi River	2,315	Wabash	Ohio River	475
Missouri-Red Rock	Mississippi River	2,564	Washita	Red River	626
Mobile-Alabama-Coosa	Mobile Bay	639	White (Ark.-Mo.)	Mississippi River	685
			White	Missouri River	507
			Wisconsin	Mississippi River	430
			Yellowstone	Missouri River	671
			Yukon	Bering Sea	1,875

Source: Dept. of the Army, Corps of Engineers; unpublished data.

No. 256. AREAS OF SELECTED NATURAL LAKES

[In square miles. Comprises lakes with surface area of 100 square miles or more]

LAKE	State	Area	LAKE	State	Area
Bear	Idaho and Utah	110	Rainy	Minnesota and Canada	345
Becbarof	Alaska	458	Red Lake (Upper and Lower)	Minnesota	451
Champlain	New York, Vermont, and Canada	490	St. Clair	Michigan and Canada	460
Clark	Alaska	110	Salton Sea <sup>1</sup>	California	<sup>2</sup> 350
Dall	Alaska	100	Tahoe	California and Nevada	193
Flathead	Montana	197	Teshchepuk	Alaska	315
Great Salt <sup>1</sup>	Utah	<sup>2</sup> 1,000	Tustumena	Alaska	117
Iliamna	Alaska	1,000	Ugashik (Upper and Lower)	Alaska	147
Lake of the Woods	Minnesota and Canada	1,485	Upper Klamath	Oregon	142
Leech	Minnesota	176	Utah	Utah	140
Mille Lacs	Minnesota	207	Winnebago	Wisconsin	215
Moosehead	Maine	117	Winnibigoshish	Minnesota	109
Naknek	Alaska	242	Yellowstone	Wyoming	137
Okechohee	Florida	700			
Pend Oreille	Idaho	148			
Pontchartrain <sup>1</sup>	Louisiana	625			

<sup>1</sup> Salty.  
<sup>2</sup> Variable.

Source: Dept. of the Interior, Geological Survey; *Principal Lakes of the United States*, Circular 476.

NO. 257. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS  
[In feet]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		Approximate mean elevation
	Name	Elevation	Name	Elevation	
<b>United States</b>	<b>Mount McKinley</b>	<b>20,320</b>	<b>Death Valley</b>	<b>-282</b>	<b>2,500</b>
Alabama	Cheaha Mountain	2,407	Gulf of Mexico	(1)	500
Alaska	Mount McKinley	20,320	Pacific Ocean	(1)	1,900
Arizona	Humphreys Peak	12,633	Colorado River	70	4,100
Arkansas	Magazine Mountain	2,753	Ouachita River	55	650
California	Mount Whitney	14,494	Death Valley	-282	2,900
Colorado	Mount Elbert	14,431	Arkansas River	3,350	6,800
Connecticut	Mt. Frissell, on South slope	2,380	Long Island Sound	(1)	500
Delaware	Ebright Road	442	Atlantic Ocean	(1)	60
District of Columbia	Tenleytown	410	Potomac River	(1)	150
Florida	Sec. 30, T6N, R20W, Walton County <sup>2</sup>	345	Atlantic Ocean	(1)	100
Georgia	Brasstown Bald	4,784	Atlantic Ocean	(1)	600
Hawaii	Mauna Kea	13,796	Pacific Ocean	(1)	1,990
Idaho	Borah Peak	12,662	Snake River	710	5,000
Illinois	Charles Mound	1,235	Mississippi River	279	600
Indiana	Franklin Twp., Wayne Co., Sec. 3, T15N, R1W. <sup>2</sup>	1,257	Ohio River	320	700
Iowa	Sec. 7, T100N, R41W, Osceola Co. <sup>2</sup>	1,658	Mississippi River	480	1,100
Kansas	Mount Sunflower	4,039	Verdigris River	680	2,000
Kentucky	Black Mountain	4,145	Mississippi River	257	750
Louisiana	Driskill Mountain	535	New Orleans	-5	100
Maine	Mount Katahdin	5,268	Atlantic Ocean	(1)	600
Maryland	Backbone Mountain, near Kempton, W. Va.	3,360	Atlantic Ocean	(1)	350
Massachusetts	Mount Greylock	3,491	Atlantic Ocean	(1)	500
Michigan	Mount Curwood	1,980	Lake Erie	572	900
Minnesota	Eagle Mountain, Cook Co.	2,301	Lake Superior	602	1,200
Mississippi	Woodall Mountain, near Iuka	806	Gulf of Mexico	(1)	300
Missouri	Taum Sauk Mountain	1,772	St. Francis River	230	800
Montana	Granite Peak	12,799	Kootenai River	1,800	3,400
Nebraska	Johnson Twp., Kimball Co., T12N, R59W. <sup>2</sup>	5,424	Southeast corner of State	840	2,600
Nevada	White Mountains, Boundary Peak	13,140	Colorado River	470	5,500
New Hampshire	Mount Washington	6,288	Atlantic Ocean	(1)	1,000
New Jersey	High Point	1,803	Atlantic Ocean	(1)	250
New Mexico	Wheeler Peak	13,161	Red Bluff Reservoir	2,817	5,700
New York	Mount Marcy	5,344	Atlantic Ocean	(1)	1,000
North Carolina	Mount Mitchell	6,684	Atlantic Ocean	(1)	700
North Dakota	White Butte, Slope Co.	3,506	Red River	750	1,900
Ohio	Campbell Hill	1,550	Ohio River	433	850
Oklahoma	Black Mesa	4,973	Little River	287	1,300
Oregon	Mount Hood	11,235	Pacific Ocean	(1)	3,300
Pennsylvania	Mount Davis	3,213	Delaware River	(1)	1,100
Rhode Island	Jerimoth Hill	812	Atlantic Ocean	(1)	200
South Carolina	Sassafras Mountain	3,560	Atlantic Ocean	(1)	350
South Dakota	Harney Peak	7,242	Big Stone Lake	962	2,200
Tennessee	Clingmans Dome	6,642	Mississippi River	182	900
Texas	Guadalupe Peak	8,751	Gulf of Mexico	(1)	1,700
Utah	Kings Peak	13,528	Beaverdam Creek	2,000	6,100
Vermont	Mount Mansfield	4,393	Lake Champlain	95	1,000
Virginia	Mount Rogers	5,729	Atlantic Ocean	(1)	950
Washington	Mount Rainier	14,410	Pacific Ocean	(1)	1,700
West Virginia	Spruce Knob	4,862	Potomac River	240	1,500
Wisconsin	Timms Hill	1,952	Lake Michigan	581	1,050
Wyoming	Gannett Peak	13,785	Belle Fourche River	3,100	6,700
<b>Other areas:</b>					
Puerto Rico	Cerro de Punta	4,389	Atlantic Ocean	(1)	2,200
American Samoa	Lata	3,056	Pacific Ocean	(1)	1,500
Canal Zone	Cerro Galera	1,205	Atlantic Ocean	(1)	100
Guam	Mount Lamam	1,329	Pacific Ocean	(1)	650
Virgin Islands	Crown Mountain	1,556	Atlantic Ocean	(1)	750

<sup>1</sup> Sea level. <sup>2</sup> "Sec." denotes section; "T", township; "R", range; "N", north; "W", west; "S", south.

Source: Dept. of the Interior, Geological Survey; *Extreme and Mean Elevations in the United States and its Possessions*, MI0-18.



No. 258. ALTITUDES OF NAMED SUMMITS  
[In feet. Comprises peaks over 14,000 feet above sea level]

SUMMIT	State	Rank	Altitude	SUMMIT	State	Rank	Altitude
Mt. McKinley.....	Alaska.....	1	20,320	Kit Carson Mtn.....	Colo.....	45	14,165
North Peak.....	Alaska.....	2	19,470	Mt. Wrangell.....	Alaska.....	46	14,163
Mt. St. Elias.....	Alaska.....	3	18,008	Mt. Shasta.....	Calif.....	47	14,162
Mt. Foraker.....	Alaska.....	4	17,400	Mt. Sill.....	Calif.....	48	14,162
Mt. Bona.....	Alaska.....	5	16,500	El Diente Peak.....	Colo.....	49	14,159
Mt. Blackburn.....	Alaska.....	6	16,390	Maroon Peak.....	Colo.....	50	14,156
Mt. Sanford.....	Alaska.....	7	16,237	Tabeguache Mtn.....	Colo.....	51	14,155
South Buttress.....	Alaska.....	8	15,885	Mt. Oxford.....	Colo.....	52	14,153
Mt. Vancouver.....	Alaska.....	9	15,700	Mt. Sneffels.....	Colo.....	53	14,150
Mt. Fairweather.....	Alaska.....	10	15,300	Point Success.....	Wash.....	54	14,150
Mt. Hubbard.....	Alaska.....	11	14,950	Mt. Democrat.....	Colo.....	55	14,148
Mt. Bear.....	Alaska.....	12	14,831	Liberty Cap.....	Wash.....	56	14,133
East Buttress.....	Alaska.....	13	14,730	Capitol Peak.....	Colo.....	57	14,130
Mt. Hunter.....	Alaska.....	14	14,573	Mt. Lindsey.....	Colo.....	58	14,125
Browne Tower.....	Alaska.....	15	14,530	Pikes Peak.....	Colo.....	59	14,110
Mt. Alverstone.....	Alaska.....	16	14,500	Snowmass Mtn.....	Colo.....	60	14,092
Mt. Whitney.....	Calif.....	17	14,494	Windom Peak.....	Colo.....	61	14,087
Mt. Elbert.....	Colo.....	18	14,431	Mt. Russell.....	Calif.....	62	14,086
Mt. Harvard.....	Colo.....	19	14,420	Mt. Eolus.....	Colo.....	63	14,084
Mt. Masslve.....	Colo.....	20	14,418	Columbia Peak.....	Colo.....	64	14,073
Mt. Rainier.....	Wash.....	21	14,410	Mt. Augusta.....	Alaska.....	65	14,070
Mt. Williamson.....	Calif.....	22	14,375	Culebra Peak.....	Colo.....	66	14,069
La Plata Peak.....	Colo.....	23	14,340	Missouri Mtn.....	Colo.....	67	14,067
Blanca Peak.....	Colo.....	24	14,317	Humboldt Peak.....	Colo.....	68	14,064
Uncompahgre Peak.....	Colo.....	25	14,309	Mt. Blerstad.....	Colo.....	69	14,060
Crestone Peak.....	Colo.....	26	14,294	Sunlight Peak.....	Colo.....	70	14,059
Mt. Lincoln.....	Colo.....	27	14,286	Split Mtn.....	Calif.....	71	14,058
Grays Peak.....	Colo.....	28	14,270	Handies Peak.....	Colo.....	72	14,048
Mt. Antero.....	Colo.....	29	14,269	Middle Palisade.....	Calif.....	73	14,040
Torreys Peak.....	Colo.....	30	14,267	Little Bear Peak.....	Colo.....	74	14,037
Castle Peak.....	Colo.....	31	14,265	Mt. Sherman.....	Colo.....	75	14,036
Mt. Evans.....	Colo.....	32	14,264	Redcloud Peak.....	Colo.....	76	14,034
Quandary Peak.....	Colo.....	33	14,264	Mt. Langley.....	Calif.....	77	14,028
Longs Peak.....	Colo.....	34	14,256	Conundrum Peak.....	Colo.....	78	14,022
Mt. Wilson.....	Colo.....	35	14,246	Mt. Tyndall.....	Calif.....	79	14,018
White Mtn.....	Calif.....	36	14,246	Pyramid Peak.....	Colo.....	80	14,018
North Palisade.....	Calif.....	37	14,242	Wetterhorn Peak.....	Colo.....	81	14,017
Mt. Cameron.....	Colo.....	38	14,238	Wilson Peak.....	Colo.....	82	14,017
Shavano Peak.....	Colo.....	39	14,229	Mt. Muir.....	Calif.....	83	14,015
Mt. Belford.....	Colo.....	40	14,197	North Maroon Peak.....	Colo.....	84	14,014
Mt. Princeton.....	Colo.....	41	14,197	San Luis Peak.....	Colo.....	85	14,014
Mt. Yale.....	Colo.....	42	14,196	Huron Peak.....	Colo.....	86	14,005
Crestone Needles.....	Colo.....	43	14,191	Mt. of the Holy Cross.....	Colo.....	87	14,005
Mt. Bross.....	Colo.....	44	14,172	Sunshine Peak.....	Colo.....	88	14,001

Source: Dept. of the Interior, Geological Survey; *Named Summits of the United States Over 14,000 Feet Above Sea Level*, MI0-20.

No. 259. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1931 TO 1966

PERIOD OR YEAR	TORNADOES				FLOODS		NORTH ATLANTIC TROPICAL CYCLONES AND HURRICANES <sup>1</sup>		
	Number	Lives lost		Number with property loss of \$500,000 and over	Lives lost	Property loss (mil. dol.)	Number reaching U.S. coast		Lives lost in U.S.
		Total	Most in a single tornado during period				Total	Hurricanes only	
1931-35.....	830	909	37	15	368	187	21	12	494
1936-40.....	787	916	216	17	607	879	21	8	663
1941-45.....	727	980	100	39	346	605	20	11	105
1946-50.....	902	813	169	50	306	843	22	12	79
1951-55.....	2,087	940	116	80	502	2,507	18	9	416
1956-60.....	3,168	445	44	80	228	877	20	7	507
1961-65.....	3,413	482	44	94	329	1,844	13	8	185
1960.....	618	47	16	12	32	93	5	2	65
1961.....	683	51	16	22	52	154	3	2	46
1962.....	658	28	17	10	19	75	1	-	4
1963.....	461	31	5	15	39	176	1	1	11
1964.....	713	73	22	17	100	651	6	4	49
1965.....	898	299	44	30	119	788	2	1	75
1966.....	570	105	58	19	2 41	2 110	2	2	54

- Represents zero. NA Not available.  
<sup>1</sup> Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher. <sup>2</sup> Estimated.  
Source: Dept. of Commerce, Environmental Science Services Administration; *Climatological Data National Summary*. Monthly with annual summary.



## No. 260. ESTIMATED WATER USE: 1900 TO 1965, AND PROJECTIONS TO 1980

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in the United States (conterminous area) would grow from 176.2 million in 1959 to 230.8 million in 1980, and that the index of industrial production would rise from approximately 152 to 330 in the same period. See also *Historical Statistics, Colonial Times to 1957*, series J 91-102]

YEAR	TOTAL WATER USE		IRRIGATION <sup>1</sup>		PUBLIC WATER UTILITIES		SELF-SUPPLIED USES					
							Rural domestic <sup>2</sup>		Industrial and miscellaneous <sup>3</sup>		Steam electric utilities	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1900----	40.19	7.28	20.19	2.22	3.00	1.05	2.00	1.60	10.00	2.40	5.00	0.01
1910----	66.44	11.68	39.04	5.27	4.70	1.49	2.20	1.76	14.00	3.15	6.50	0.01
1920----	91.54	15.78	55.94	8.17	6.00	1.79	2.40	1.94	18.00	3.87	9.20	0.01
1930----	110.50	18.18	60.20	9.09	8.00	2.30	2.90	2.40	21.00	4.37	18.40	0.02
1940----	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	0.02
1945----	170.46	28.33	83.06	14.12	12.00	3.28	3.20	2.78	41.00	8.12	31.20	0.03
1950----	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	0.05
1955----	263.80	47.79	116.30	29.08	16.30	4.27	5.40	4.91	49.20	9.45	76.60	0.08
1960----	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	0.10
1964----	361.94	64.67	145.48	39.16	24.40	6.16	6.40	6.03	70.80	13.21	114.86	0.11
1965----	371.70	66.30	148.10	40.14	25.00	6.28	6.50	6.14	73.20	13.62	118.90	0.12
1970----	411.20	73.27	159.00	44.20	27.00	6.64	6.90	6.56	86.00	15.74	132.30	0.13
1975----	449.70	79.37	169.70	47.52	29.80	7.15	7.20	6.85	98.40	17.71	144.60	0.14
1980----	494.10	84.94	178.00	50.02	32.00	7.36	7.40	7.04	115.00	20.36	161.70	0.16

<sup>1</sup> Total take, including delivery losses but not including reservoir evaporation.

<sup>2</sup> Rural farm and nonfarm household and garden use, and water for farm stock and dairies.

<sup>3</sup> Manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and other miscellaneous uses.

Source: Dept. of Commerce, Business and Defense Services Administration; *Water Use in the United States, 1900-1980*, and unpublished data.

## No. 261. INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1963

[Includes only systems serving a population of 25,000 or more. Estimated total number of public water systems in the United States (conterminous area) is 21,000 systems serving a population of approximately 144 million. An estimated 16.0 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total	COMMUNITIES HAVING A POPULATION SERVED OF—				
		500,000 or more	250,000 to 499,999	100,000 to 249,999	50,000 to 99,999	25,000 to 49,999
Communities and districts.....number..	926	43	35	137	251	460
Estimated population served.....1,000..	104,810	50,648	9,977	18,525	12,372	13,288
Ownership of public water supply.....number..	926	43	35	137	251	460
Municipal or district—public.....number..	772	38	27	113	215	379
Private.....number..	154	5	8	24	36	81
Average output of water <sup>1</sup> .....mil. gal. daily..	15,694	7,614	1,481	2,947	1,725	1,927
Water used, maximum month <sup>1</sup> .....mil. gal..	621,606	304,701	57,453	113,707	68,010	77,735
Water used, maximum day <sup>1</sup> .....mil. gal..	25,287	11,994	2,416	4,771	2,850	3,256
Impounded storage.....mil. gal..	5,982,917	2,440,578	585,871	1,232,258	506,462	1,217,748
Transmission capacity, maximum.....mil. gal. daily..	32,770	19,414	3,538	4,293	3,000	2,525
Dependable yield, ground water.....mil. gal. daily..	8,300	1,337	857	1,972	1,550	2,584
Raw water storage.....mil. gal..	378,062	311,943	50,751	1,960	10,703	2,705
Raw water pumping capacity.....mil. gal. daily..	25,858	12,699	2,174	5,116	2,990	2,879
Treatment plant:						
Rated capacity.....mil. gal. daily..	25,511	12,125	2,586	4,953	2,870	3,337
Overload capacity <sup>1</sup> .....mil. gal. daily..	31,176	13,701	3,016	7,177	3,428	3,854
Service pumping capacity.....mil. gal. daily..	31,412	13,766	3,226	6,659	3,942	3,819
Distribution storage:						
Pumped to mains.....mil. gal..	6,558	2,194	443	1,361	1,610	950
Elevated.....mil. gal..	76,188	58,135	1,706	11,515	2,521	2,311
Number of services <sup>1</sup> .....1,000..	23,933	8,732	2,384	4,881	3,704	4,232
Number of meters <sup>1</sup> .....1,000..	21,317	7,086	2,359	4,481	3,495	3,896

<sup>1</sup> Approximately 5 percent estimated.

Source: Dept. of Commerce, Business and Defense Services Administration. Compiled from unpublished data provided by Dept. of Health, Education, and Welfare, Public Health Service.

No. 262. POPULATION USING FLUORIDATED WATER—STATES AND PUERTO RICO: 1966

[As of December 31. Covers both natural and controlled fluoridation]

STATE OR OTHER AREA	TOTAL POPULATION <sup>1</sup>		POPULATION USING PUBLIC WATER <sup>2</sup>		STATE OR OTHER AREA	TOTAL POPULATION <sup>1</sup>		POPULATION USING PUBLIC WATER <sup>2</sup>	
	Number (1,000)	Percent using fluoridation	Number (1,000)	Percent using fluoridation		Number (1,000)	Percent using fluoridation	Number (1,000)	Percent using fluoridation
Total.....	199,573	36.3	153,680	47.0	Montana.....	702	25.2	475	37.2
Alabama.....	3,535	22.2	2,240	35.0	Nebraska.....	1,455	8.4	1,046	11.8
Alaska.....	274	42.2	152	76.3	Nevada.....	464	4.3	395	5.0
Arizona.....	1,639	7.6	1,455	8.5	New Hampshire.....	685	7.3	451	11.0
Arkansas.....	1,960	29.0	1,063	53.6	New Jersey.....	6,956	12.2	6,104	14.0
California.....	19,183	12.2	17,836	13.2	New Mexico.....	1,026	57.9	750	79.1
Colorado.....	1,991	69.5	1,641	84.3	New York.....	18,335	64.1	16,071	73.0
Connecticut.....	2,898	23.5	2,315	29.4	North Carolina.....	5,030	30.7	2,546	60.6
Delaware.....	517	40.0	382	54.1	North Dakota.....	649	40.1	344	75.7
Dist. of Columbia.....	811	100.0	811	99.9	Ohio.....	10,342	31.2	8,033	40.2
Florida.....	6,014	21.8	4,654	28.1	Oklahoma.....	2,464	50.4	1,866	66.7
Georgia.....	4,493	27.3	3,122	39.3	Oregon.....	1,962	13.5	1,492	17.6
Hawaii.....	721	12.7	697	13.1	Pennsylvania.....	11,580	34.9	9,308	43.4
Idaho.....	694	32.3	457	49.0	Rhode Island.....	902	80.1	807	89.6
Illinois.....	10,767	64.4	9,101	76.1	South Carolina.....	2,603	17.2	1,464	30.5
Indiana.....	4,933	48.9	3,257	74.0	South Dakota.....	679	25.2	398	43.0
Iowa.....	2,741	58.0	1,875	84.8	Tennessee.....	3,897	35.6	2,541	54.6
Kansas.....	2,252	36.7	1,719	48.0	Texas.....	10,825	48.8	8,724	60.6
Kentucky.....	3,189	37.6	1,825	65.8	Utah.....	1,015	3.0	940	3.2
Louisiana.....	3,623	5.4	2,723	7.2	Vermont.....	405	13.8	236	23.5
Maine.....	981	15.2	588	25.3	Virginia.....	4,550	54.6	2,910	85.3
Maryland.....	3,651	73.8	2,853	94.4	Washington.....	2,986	14.0	2,456	17.1
Massachusetts.....	5,391	7.2	5,015	7.8	West Virginia.....	1,782	47.0	1,101	76.0
Michigan.....	8,398	22.7	5,887	32.3	Wisconsin.....	4,171	59.0	2,702	91.1
Minnesota.....	3,581	48.1	2,164	79.7	Wyoming.....	329	25.1	246	33.5
Mississippi.....	2,335	13.3	1,175	26.4	Puerto Rico.....	2,688	64.2	1,943	88.9
Missouri.....	4,519	42.6	3,323	58.0					

<sup>1</sup> U.S. population for Dec. 31, 1966, based on provisional estimates in Bureau of the Census: *Current Population Reports*; Population Estimates, 1966 (Series P-25, No. 348, Sept. 16, 1966) and *U.S. Census of Population: 1960: Number of Inhabitants*; Final Report PC (1).  
<sup>2</sup> Source: *U.S. Census of Housing: 1960*, Series HC(1), Nos. 1-52. Includes adjustments for population growth based on Bureau of the Census estimates.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Fluoridation Census*, 1966.

No. 263. SUSPENDED PARTICULATE MATTER LEVELS IN CITIES, BY POPULATION SIZE GROUPS: 1957-64 AND 1965

[Particulate matter levels in micrograms per cubic meter. Based on 35,327 air samples taken in 333 cities. Suspended particulate matter consists of particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns]

POPULATION SIZE GROUP	1957-64		CITIES SAMPLED IN 1965						
	Cities sampled	Average particulate matter level	Total	By average particulate matter levels					
				20-59	60-99	100-139	140-179	180-219	220 and over
Total.....	284	114	234	20	100	70	34	8	2
2,500 to 49,999.....	72	86	82	17	45	13	5	1	1
50,000 to 99,999.....	87	113	53	1	23	15	8	5	1
100,000 to 399,999.....	94	113	70	2	24	34	9	1	-
400,000 to 699,999.....	19	127	17	-	6	5	6	-	-
700,000 to 999,999.....	7	128	7	-	2	3	2	-	-
1,000,000 and over.....	5	170	5	-	-	-	4	1	-

- Represents zero.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Air Pollution Measurements of the National Air Sampling Network, 1967-1961*; annual reports, *Air Quality Data*; and unpublished data.

# No. 264. AVERAGE BETA RADIOACTIVITY CONCENTRATIONS IN AIR—STATES AND PUERTO RICO: 1959 TO 1965

[In micromicrocuries per cubic meter. Values based on one air sampling station per State, except as noted]

STATE OR OTHER AREA	1959	1960	1961	1962	1963	1964	1965
Alabama.....	(1)	(1)	(1)	(1)	(1)	1.0	0.2
Alaska.....	<sup>2</sup> 2.19	<sup>2</sup> 0.11	<sup>3</sup> 1.4	<sup>4</sup> 2.5	<sup>5</sup> 2.2	<sup>5</sup> 0.5	<sup>5</sup> 0.1
Arizona.....	5.08	<sup>2</sup> 0.21	3.9	7.1	6.6	1.4	0.4
Arkansas.....	3.20	<sup>3</sup> 0.12	5.5	5.4	5.8	1.1	0.2
California.....	<sup>6</sup> 2.82	<sup>2</sup> 0.13	<sup>6</sup> 3.5	<sup>6</sup> 5.5	<sup>6</sup> 4.1	<sup>6</sup> 0.8	<sup>6</sup> 0.2
Colorado.....	3.75	<sup>2</sup> 0.17	3.4	8.1	6.0	1.4	0.3
Connecticut.....	2.56	<sup>2</sup> 0.12	2.7	4.4	4.1	1.0	0.2
Delaware.....	(1)	(1)	(1)	<sup>7</sup> 5.4	6.0	1.2	0.2
District of Columbia.....	3.10	<sup>2</sup> 0.15	3.2	4.7	4.6	1.3	0.2
Florida.....	3.22	<sup>2</sup> 0.14	5.2	<sup>6</sup> 6.2	<sup>6</sup> 4.5	<sup>6</sup> 1.3	<sup>6</sup> 0.2
Georgia.....	3.18	<sup>2</sup> 0.15	4.0	4.3	4.7	0.7	0.2
Hawaii.....	1.88	<sup>2</sup> 0.13	1.0	2.3	2.6	0.6	0.2
Idaho.....	<sup>7</sup> 5.29	<sup>7</sup> 0.19	4.1	6.6	5.9	1.1	0.9
Illinois.....	3.05	<sup>2</sup> 0.16	3.5	4.5	4.3	1.0	0.2
Indiana.....	2.34	<sup>2</sup> 0.13	2.9	4.7	4.8	1.2	0.2
Iowa.....	2.70	<sup>2</sup> 0.13	3.4	4.2	3.5	1.0	0.3
Kansas.....	2.34	<sup>2</sup> 0.13	3.6	5.1	4.3	0.9	0.2
Kentucky.....	(1)	(1)	<sup>8</sup> 9.2	5.0	5.1	1.2	0.3
Louisiana.....	3.11	<sup>2</sup> 0.15	4.8	5.4	4.1	0.9	0.2
Maine.....	(1)	(1)	5.0	<sup>7</sup> 3.8	<sup>6</sup> 4.1	<sup>6</sup> 1.0	<sup>6</sup> 0.2
Maryland.....	<sup>7</sup> 2.74	<sup>2</sup> 0.15	2.9	<sup>8</sup> 5.3	<sup>6</sup> 4.5	<sup>6</sup> 1.0	<sup>6</sup> 0.2
Massachusetts.....	2.02	<sup>2</sup> 0.11	1.7	<sup>7</sup> 4.2	<sup>6</sup> 5.1	<sup>6</sup> 1.0	<sup>6</sup> 0.2
Michigan.....	3.22	<sup>2</sup> 0.13	4.7	6.5	5.2	1.4	0.3
Minnesota.....	2.31	<sup>2</sup> 0.12	3.2	3.9	4.0	0.8	0.2
Mississippi.....	<sup>7</sup> 3.52	<sup>2</sup> 0.17	6.2	<sup>6</sup> 6.7	<sup>6</sup> 5.3	<sup>6</sup> 1.2	<sup>6</sup> 0.2
Missouri.....	2.48	<sup>2</sup> 0.13	4.8	4.8	4.2	0.8	0.2
Montana.....	2.21	<sup>2</sup> 0.13	2.7	6.5	4.9	1.0	0.4
Nebraska.....	(1)	(1)	<sup>8</sup> 8.0	<sup>7</sup> 4.6	4.5	0.8	0.3
Nevada.....	(1)	(1)	(1)	<sup>7</sup> 10.1	8.9	3.1	0.5
New Hampshire.....	(1)	(1)	(1)	<sup>7</sup> 4.9	6.0	1.3	0.3
New Jersey.....	2.77	<sup>2</sup> 0.14	3.1	4.4	4.3	1.1	0.2
New Mexico.....	4.60	<sup>2</sup> 0.18	3.5	7.1	5.0	1.2	0.2
New York.....	2.79	<sup>2</sup> 0.12	2.8	<sup>3</sup> 7 5.0	<sup>3</sup> 4.6	<sup>3</sup> 1.1	<sup>3</sup> 0.2
North Carolina.....	3.49	<sup>2</sup> 0.17	3.3	5.8	5.7	1.2	0.2
North Dakota.....	(1)	(1)	<sup>8</sup> 5.2	5.1	4.4	1.1	0.2
Ohio.....	(1)	(1)	<sup>8</sup> 9.1	<sup>8</sup> 6.0	<sup>3</sup> 5.0	<sup>3</sup> 1.3	<sup>3</sup> 0.3
Oklahoma.....	<sup>6</sup> 2.43	<sup>2</sup> 0.12	2.8	<sup>6</sup> 4.5	<sup>6</sup> 3.3	<sup>6</sup> 0.7	<sup>6</sup> 0.2
Oregon.....	2.52	<sup>2</sup> 0.13	2.6	5.0	5.2	1.1	0.3
Pennsylvania.....	3.45	<sup>2</sup> 0.15	2.4	5.6	3.9	1.0	0.2
Rhode Island.....	<sup>7</sup> 1.37	<sup>2</sup> 0.13	2.5	4.9	4.6	1.1	0.2
South Carolina.....	2.92	<sup>2</sup> 0.14	4.5	4.3	4.2	1.0	0.2
South Dakota.....	3.07	<sup>2</sup> 0.16	3.4	5.3	3.7	1.0	0.2
Tennessee.....	(1)	(1)	<sup>8</sup> 16.8	5.5	5.8	1.2	0.2
Texas.....	<sup>6</sup> 3.38	<sup>2</sup> 0.19	<sup>3</sup> 3.0	<sup>6</sup> 7.3	<sup>6</sup> 4.7	<sup>6</sup> 1.1	<sup>6</sup> 0.3
Utah.....	3.58	<sup>2</sup> 0.16	2.8	10.7	5.6	1.2	0.4
Vermont.....	(1)	(1)	(1)	<sup>7</sup> 5.3	5.3	1.4	0.3
Virginia.....	2.61	<sup>2</sup> 0.12	2.8	4.2	3.8	0.9	0.2
Washington.....	1.89	<sup>2</sup> 0.11	1.1	<sup>6</sup> 3.6	<sup>6</sup> 3.5	<sup>6</sup> 0.6	<sup>6</sup> 0.2
West Virginia.....	(1)	(1)	(1)	6.9	4.4	1.2	0.2
Wisconsin.....	(1)	(1)	3.6	5.2	5.5	1.2	0.2
Wyoming.....	2.91	<sup>2</sup> 0.14	2.7	8.1	5.3	1.3	0.3
Puerto Rico.....	(1)	(1)	2.6	<sup>8</sup> 3.9	2.3	0.6	0.2

<sup>1</sup> Station not in operation.

<sup>2</sup> Less than value shown.

<sup>3</sup> 3 stations.

<sup>4</sup> 10 stations.

<sup>5</sup> 9 stations.

<sup>6</sup> 2 stations.

<sup>7</sup> Average for 7 to 11 months.

<sup>8</sup> Average for 6 months or less.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Radiological Health Data*. Monthly.



No. 265. SUSPENDED PARTICULATE MATTER LEVELS, BY NONURBAN TOPOGRAPHIC CLASS: CUMULATIVE AVERAGE, 1957-64 AND 1965

[In micrograms per cubic meter. Based on 5,952 air samples taken at nonurban locations. See headnote, table 263]

TOPOGRAPHIC CLASS	NUMBER OF STATIONS		SUSPENDED PARTICULATE MATTER				BENZENE-SOLUBLE ORGANIC MATTER <sup>1</sup>	
	1957-64	1965	Average, 1957-64	1965			Average, 1957-64	1965 average <sup>2</sup>
				Min.	Max.	Avg.		
United States-----	<sup>3</sup> 52	30	35	1	312	36	1.9	1.2
Atlantic coast-----	5	2	34	8	174	53	2.0	1.1
Desert-----	4	3	24	2	312	22	1.4	0.7
Farmland-----	12	8	43	3	196	45	2.2	1.7
Forest-----	7	5	28	5	124	29	1.9	0.9
Great Lakes coast-----	5	2	40	7	81	32	1.9	0.9
Gulf coast-----	4	2	33	16	86	37	2.0	1.2
Mountain-----	9	6	28	1	150	28	1.5	1.0
Pacific coast-----	6	2	50	15	177	53	2.4	2.0

<sup>1</sup> Particulate matter soluble in benzene. <sup>2</sup> Based on quarterly composite samples. <sup>3</sup> Data for all stations not available all years.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Air Pollution Measurements of the National Air Sampling Network, 1957-1961*, annual reports, *Air Quality Data*, and unpublished data.

No. 266. BETA RADIOACTIVITY CONCENTRATIONS IN AIR, BY MONTH: 1962 TO 1965

[In micromicrocuries per cubic meter]

MONTH	1962			1963			1964			1965		
	Mini-mum	Maxi-mum	Aver-age	Mini-mum	Maxi-mum	Aver-age	Mini-mum	Maxi-mum	Aver-age	Mini-mum	Maxi-mum	Aver-age
January-----	10.1	34	7.3	10.1	35	7.1	10.1	4.7	0.9	10.1	1.8	0.2
February-----	10.1	30	6.6	10.1	28	6.1	10.1	5.2	1.1	10.1	2.8	0.2
March-----	10.1	81	6.8	10.1	24	5.5	10.1	473.0	1.6	10.1	1.3	0.2
April-----	10.1	48	5.2	10.1	31	7.2	10.1	7.8	1.6	10.1	19.7	0.4
May-----	10.1	31	3.7	10.1	29	6.4	10.1	8.4	2.0	10.1	17.4	0.4
June-----	10.1	56	3.0	10.1	29	6.1	10.1	6.6	1.6	10.1	9.5	0.6
July-----	10.1	595	3.3	10.1	17	4.2	10.1	4.5	0.9	10.1	1.1	0.2
August-----	10.1	19	1.7	10.1	13	3.1	10.1	3.5	0.5	10.1	0.4	0.1
September-----	10.1	39	3.7	10.1	8.0	1.8	10.1	1.6	0.4	10.1	0.3	10.1
October-----	10.1	235	5.3	10.1	5.4	1.6	10.1	20.2	0.8	10.1	0.3	10.1
November-----	10.1	575	10.8	10.1	6.6	1.0	10.1	3.6	0.5	10.1	0.3	10.1
December-----	10.1	48	5.7	10.1	4.4	0.9	10.1	1.1	0.2	10.1	0.3	10.1

<sup>1</sup> Less than value shown.  
Source: Dept. of Health, Education, and Welfare, Public Health Service; *Radiological Health Data*. Monthly.

No. 267. GASEOUS AIR POLLUTANT LEVELS, SELECTED CITIES: 1966

[Concentration in parts per million. Concentrations of gaseous contaminants are continuously measured in the indicated cities in order to provide basic data on the nature and extent of urban area pollution]

CITY	Maxi-mum day	Mini-mum month	Maxi-mum month	Yearly aver-age	Maxi-mum day	Mini-mum month	Maxi-mum month	Yearly aver-age	Maxi-mum day	Mini-mum month	Maxi-mum month	Yearly aver-age
	SULFUR DIOXIDE				NITRIC OXIDE				NITROGEN DIOXIDE			
Chicago-----	1.14	0.01	0.21	0.08	0.74	0.05	0.15	0.10	0.35	0.03	0.08	0.06
Cincinnati-----	1.86	0.02	0.05	0.03	1.18	0.02	0.07	0.04	1.59	0.02	0.05	0.04
Philadelphia-----	0.87	0.06	0.12	0.09	1.98	0.02	0.11	0.06	0.29	0.03	0.05	0.04
Denver-----	0.96	0.00	0.02	0.01	0.59	0.01	0.08	0.04	0.35	0.02	0.04	0.03
St. Louis-----	1.25	0.02	0.06	0.04	0.61	0.01	0.07	0.03	0.21	0.02	0.04	0.03
Washington, D.C.-----	0.47	0.02	0.10	0.04	1.15	0.01	0.09	0.04	0.19	0.02	0.04	0.04
	CARBON MONOXIDE				TOTAL OXIDANTS				TOTAL HYDROCARBONS			
	Maxi-mum day	Mini-mum month	Maxi-mum month	Yearly aver-age	Maxi-mum day	Mini-mum month	Maxi-mum month	Yearly aver-age	Maxi-mum day	Mini-mum month	Maxi-mum month	Yearly aver-age
Chicago-----	66	9	16	13	0.23	0.01	0.03	0.02	14.9	2.3	3.3	2.8
Cincinnati-----	32	3	7	5	0.13	0.02	0.04	0.02	12.8	2.3	3.0	2.7
Philadelphia-----	47	5	10	7	0.60	0.01	0.06	0.03	14.4	2.1	2.9	2.5
Denver-----	63	6	12	8	0.30	0.01	0.04	0.03	19.1	1.9	3.2	2.4
St. Louis-----	68	4	8	6	0.25	0.01	0.06	0.04	14.3	2.5	3.6	3.0
Washington, D.C.-----	47	2	5	3	0.22	0.01	0.04	0.03	14.5	2.0	2.9	2.4

Source: Dept. of Health, Education, and Welfare, Public Health Service; unpublished data.

## No. 268. AIR POLLUTION—NATIONAL AIR SAMPLING LEVELS, SELECTED CITIES: 1965

[Air pollution is defined as the presence in the air of substances put there by the activities of man, in concentrations sufficient to interfere with comfort, safety, or health or with use and enjoyment of property. Data represent values of samples taken nationally on a biweekly basis by the National Air Sampling Network. See text, p. 172]

STATION		SUSPENDED PARTICULATE MATTER <sup>1</sup> (micrograms per cubic meter)			BENZENE-SOLUBLE ORGANIC MATTER <sup>2</sup> (micrograms per cubic meter)			RADIOACTIVITY <sup>3</sup> (micromicrocuries per cubic meter)		
		Min.	Max.	Arith. avg.	Min.	Max.	Arith. avg.	Min.	Max.	Arith. avg.
Alabama.....	Birmingham.....	40	528	172	5.8	24.4	11.8	0.1	1.1	0.3
Arizona.....	Phoenix.....	22	303	162	5.6	19.6	12.2	0.1	1.7	0.5
California.....	Los Angeles.....	80	320	171	8.4	30.5	18.8	0.1	1.2	0.4
	Oakland.....	25	225	99	3.5	12.6	7.7	0.1	0.7	0.2
	San Diego.....	44	138	78	3.6	10.9	6.7	0.1	0.8	0.3
	San Francisco.....	27	146	68	2.7	9.0	5.9	0.1	0.7	0.2
Colorado.....	Denver.....	45	510	156	5.7	18.2	12.5	0.1	1.6	0.4
Connecticut.....	Hartford.....	38	191	92	3.8	7.1	5.3	0.1	1.2	0.4
	New Haven.....	44	231	107	4.5	7.2	5.9	0.1	1.2	0.3
Delaware.....	Wilmington.....	78	228	126	6.8	12.3	8.6	0.1	1.1	0.3
Dist. of Columbia.....	Washington.....	51	199	98	3.8	8.2	6.5	0.1	1.3	0.3
Florida.....	Miami.....	25	136	61	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Georgia.....	Atlanta.....	47	245	116	6.4	13.2	8.7	0.1	0.9	0.3
Hawaii.....	Honolulu.....	27	59	41	2.1	3.1	2.5	0.1	3.0	0.4
Idaho.....	Boise.....	39	177	86	4.2	12.0	7.4	0.1	1.2	0.4
Illinois.....	Chicago.....	51	244	140	5.7	8.8	7.8	0.1	0.8	0.3
Indiana.....	Indianapolis.....	79	266	160	7.3	14.4	10.8	0.1	1.2	0.3
Iowa.....	Des Moines.....	58	313	142	5.0	13.3	8.1	0.1	1.1	0.3
Kansas.....	Wichita.....	31	210	100	2.9	8.3	4.6	0.1	1.0	0.3
Kentucky.....	Louisville.....	82	243	149	7.1	8.1	7.5	0.1	0.6	0.3
Louisiana.....	New Orleans.....	40	221	95	6.3	12.1	7.9	0.1	1.3	0.3
Maine.....	Portland.....	27	123	77	3.2	5.6	4.0	0.1	1.3	0.3
Maryland.....	Baltimore.....	55	244	132	5.5	11.2	8.1	0.1	2.4	0.4
Massachusetts.....	Boston.....	41	293	93	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Michigan.....	Detroit.....	56	409	165	6.3	10.4	7.7	0.1	1.5	0.4
Minnesota.....	Minneapolis.....	32	111	70	2.8	5.3	3.7	0.1	0.8	0.3
	St. Paul.....	38	150	79	4.0	5.7	4.6	0.1	0.8	0.3
Mississippi.....	Jackson.....	32	223	82	4.5	10.3	6.2	0.1	1.6	0.4
Missouri.....	Kansas City.....	47	292	145	5.7	18.8	9.4	0.1	0.7	0.3
	St. Louis.....	83	260	152	6.1	10.1	8.1	0.1	1.2	0.3
Montana.....	Helena.....	24	198	73	1.5	3.9	2.9	0.1	1.4	0.4
Nebraska.....	Omaha.....	50	230	111	5.0	11.8	6.9	0.1	0.8	0.3
Nevada.....	Las Vegas.....	62	323	150	4.6	13.6	8.1	0.1	1.9	0.6
New Hampshire.....	Concord.....	16	75	36	1.5	2.9	2.1	0.1	1.0	0.4
New Jersey.....	Newark.....	49	285	123	4.8	11.2	8.2	0.1	2.0	0.4
New York.....	New York.....	75	395	179	8.2	10.4	9.6	0.1	1.2	0.3
	Rochester.....	32	243	112	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
North Carolina.....	Charlotte.....	57	283	113	3.6	26.2	11.0	0.1	1.2	0.3
North Dakota.....	Bismarck.....	20	166	81	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ohio.....	Cincinnati.....	46	255	141	4.2	9.2	6.5	0.1	1.2	0.4
	Cleveland.....	46	235	130	5.2	7.7	6.3	0.1	3.6	0.5
	Columbus.....	58	221	115	4.8	8.6	6.4	0.1	1.4	0.4
Oklahoma.....	Oklahoma City.....	54	191	94	4.0	8.0	5.2	0.1	0.9	0.3
Oregon.....	Portland.....	34	520	132	5.4	14.3	9.6	0.1	0.8	0.3
Pennsylvania.....	Philadelphia.....	72	312	182	6.0	14.1	9.5	0.1	1.1	0.3
	Pittsburgh.....	61	307	147	6.6	10.2	7.9	0.1	1.2	0.3
Rhode Island.....	Providence.....	61	286	125	5.8	11.7	8.2	0.1	2.0	0.4
South Carolina.....	Charleston.....	32	152	69	2.0	6.6	4.2	0.1	1.1	0.3
South Dakota.....	Sioux Falls.....	18	126	60	2.3	7.2	3.7	0.1	0.8	0.3
Tennessee.....	Memphis.....	52	194	103	4.5	11.2	6.6	0.1	1.1	0.3
	Nashville.....	47	286	114	3.6	18.8	8.7	0.1	1.0	0.3
Texas.....	Dallas.....	44	222	122	5.8	14.4	9.0	0.1	1.8	0.4
	Houston.....	58	259	128	4.8	10.5	7.2	0.1	1.0	0.3
	San Antonio.....	32	280	79	2.8	8.4	5.8	0.1	0.6	0.3
Utah.....	Salt Lake City.....	42	311	114	2.4	10.8	5.3	0.1	2.5	0.5
Vermont.....	Burlington.....	21	94	53	1.8	3.1	2.6	0.1	1.2	0.3
Virginia.....	Norfolk.....	53	217	114	4.0	7.4	5.4	0.1	1.5	0.4
Washington.....	Seattle.....	36	199	95	5.5	12.5	8.3	0.1	0.8	0.2
West Virginia.....	Charleston.....	53	726	187	3.2	9.3	5.5	0.1	0.8	0.3
Wisconsin.....	Milwaukee.....	59	311	142	4.9	8.0	6.6	0.1	0.8	0.3
Wyoming.....	Cheyenne.....	6	97	36	1.3	2.4	2.2	0.1	1.4	0.4
Puerto Rico.....	San Juan.....	42	146	78	3.6	5.6	4.2	0.1	0.9	0.2

NA Not available. Z Less than 0.05 micromicrocuries per cubic meter.

<sup>1</sup> For definition, see headnote, table 263.

<sup>2</sup> Particulate matter soluble in benzene; based on quarterly composite samples.

<sup>3</sup> Radioactivity associated with suspended particulate matter as measured by Beta radiation.

<sup>4</sup> Less than value shown.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Air Quality Data, 1965*.

**NO. 269. GROUND ELEVATION OF WEATHER STATIONS AND MEAN, LATEST SPRING AND EARLIEST FALL DATES OF OCCURRENCE OF FREEZE (32°)—SELECTED CITIES**

[Date of freeze based on 30-year period, 1921 to 1950]

STATION		Ground elevation (feet)	OCCURRENCE OF FREEZE			
			Spring date		Fall date	
			Mean	Latest	Mean	Earliest
Alabama	Mobile	10	Feb. 17	Mar. 20	Dec. 12	Nov. 15
Alaska	Juneau	15	Apr. 27	June 8	Oct. 19	Sept. 22
Arizona	Phoenix	1,083	Jan. 27	Mar. 2	Dec. 11	Nov. 4
Arkansas	Little Rock	257	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California	Los Angeles	312	( <sup>1</sup> )	Jan. 21	( <sup>1</sup> )	Dec. 9
	Sacramento	25	Jan. 24	Mar. 14	Dec. 11	Nov. 4
	San Francisco	52	( <sup>1</sup> )	Jan. 21	( <sup>1</sup> )	Dec. 11
Colorado	Denver	5,221	May 2	May 28	Oct. 14	Sept. 18
Connecticut	Hartford	169	Apr. 22	May 10	Oct. 19	Sept. 27
Delaware	Wilmington	73	Apr. 18	May 9	Oct. 26	Sept. 27
Dist. of Col.	Washington	72	Apr. 10	May 12	Oct. 28	Oct. 2
Florida	Jacksonville	18	Feb. 6	May 14	Dec. 16	Nov. 9
	Miami	8	( <sup>1</sup> )	Feb. 6	( <sup>1</sup> )	( <sup>1</sup> )
Georgia	Atlanta	1,054	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Hawaii	Honolulu	12	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Idaho	Boise	2,842	Apr. 29	May 23	Oct. 16	Sept. 20
Illinois	Chicago	610	Apr. 19	May 13	Oct. 28	Sept. 25
	Peoria	654	Apr. 22	May 25	Oct. 16	Sept. 29
Indiana	Indianapolis	718	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa	Des Moines	807	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas	Wichita	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky	Louisville	457	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana	New Orleans	9	Feb. 15	Mar. 20	Dec. 3	Nov. 13
Maine	Portland	61	Apr. 29	May 30	Oct. 15	Sept. 17
Maryland	Baltimore	146	Mar. 28	Apr. 16	Nov. 17	Oct. 20
Massachusetts	Boston	15	Apr. 16	May 19	Oct. 25	Sept. 26
Michigan	Detroit	619	Apr. 25	May 12	Oct. 23	Sept. 29
	Sault Ste. Marie	721	May 18	June 8	Oct. 3	Aug. 22
Minnesota	Duluth	1,162	May 13	June 1	Oct. 3	Sept. 13
	Minneapolis	830	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi	Jackson	305	Mar. 10	Apr. 13	Nov. 13	Oct. 17
Missouri	Kansas City	741	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis	465	Apr. 2	May 2	Nov. 8	Oct. 14
Montana	Great Falls	3,664	May 14	June 8	Sept. 26	Sept. 7
Nebraska	Omaha	978	Apr. 14	May 11	Oct. 19	Sept. 24
Nevada	Reno	4,397	May 14	May 25	Oct. 2	Aug. 30
New Hampshire	Concord	339	May 11	May 26	Sept. 30	Sept. 13
New Jersey	Atlantic City	8	Apr. 10	Apr. 24	Nov. 5	Oct. 22
New Mexico	Albuquerque	5,310	Apr. 16	May 18	Oct. 29	Oct. 11
New York	Albany	19	Apr. 27	May 20	Oct. 13	Sept. 23
	Buffalo	693	Apr. 30	May 24	Oct. 25	Sept. 23
	New York	10	Apr. 7	Apr. 24	Nov. 12	Oct. 19
North Carolina	Charlotte	727	Mar. 21	Apr. 16	Nov. 15	Oct. 15
	Raleigh	400	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota	Bismarck	1,650	May 11	May 30	Sept. 24	Sept. 6
Ohio	Cincinnati	761	Apr. 15	May 25	Oct. 25	Sept. 28
	Cleveland	787	Apr. 21	May 14	Nov. 2	Sept. 29
	Columbus	815	Apr. 17	May 9	Oct. 30	Oct. 7
Oklahoma	Oklahoma City	1,254	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon	Portland	30	Feb. 25	May 4	Dec. 1	Oct. 30
Pennsylvania	Philadelphia	26	Mar. 30	Apr. 20	Nov. 17	Oct. 19
	Pittsburgh	749	Apr. 16	May 4	Nov. 3	Oct. 10
Rhode Island	Providence	55	Apr. 13	Apr. 24	Oct. 27	Oct. 3
South Carolina	Columbia	217	Mar. 14	Apr. 13	Nov. 21	Nov. 1
South Dakota	Sioux Falls	1,420	May 5	May 29	Oct. 3	Sept. 12
Tennessee	Memphis	263	Mar. 20	Apr. 15	Nov. 12	Oct. 17
	Nashville	577	Mar. 28	Apr. 19	Nov. 7	Oct. 17
Texas	Dallas	487	Mar. 18	Apr. 15	Nov. 22	Oct. 27
	El Paso	3,920	Mar. 13	Apr. 11	Nov. 11	Oct. 31
	Houston	41	Feb. 5	Mar. 26	Dec. 11	Oct. 25
Utah	Salt Lake City	4,260	Apr. 12	Apr. 30	Nov. 1	Sept. 25
Vermont	Burlington	331	May 8	May 23	Oct. 3	Sept. 13
Virginia	Norfolk	26	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond	162	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington	Seattle	14	Feb. 23	Apr. 3	Dec. 1	Oct. 19
	Spokane	2,357	Apr. 20	May 16	Oct. 12	Sept. 18
West Virginia	Charleston	950	Apr. 18	May 11	Oct. 28	Sept. 29
Wisconsin	Milwaukee	672	Apr. 20	May 9	Oct. 25	Sept. 24
Wyoming	Cheyenne	6,131	May 20	June 18	Sept. 27	Sept. 5
Puerto Rico	San Juan	47	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> When the frequency of occurrence in either spring or fall is 1 year in 10, or less, mean dates are not given.

<sup>2</sup> 32° has never been recorded.



## No. 270. NORMAL MONTHLY AVERAGE TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960.  
See *Historical Statistics, Colonial Times to 1957*, series J 109-135 and J 163-265, for related data]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	53.0	55.2	60.3	67.6	75.6	81.5	82.6	82.1	77.9	69.9	58.9	54.1	68.2
Alaska Juneau	25.1	26.8	30.4	38.0	45.6	52.3	55.3	54.1	48.9	41.6	34.3	28.4	40.1
Ariz. Phoenix	49.7	53.5	59.0	67.2	75.0	83.6	89.8	87.5	82.8	70.7	58.1	51.6	69.0
Ark. Little Rock	40.6	44.4	51.8	62.4	70.5	78.9	81.9	81.3	74.3	63.1	49.5	41.9	61.7
Calif. Los Angeles <sup>1</sup>	55.8	57.1	59.4	61.8	64.8	68.0	73.0	73.1	71.9	67.4	62.7	58.2	64.4
Sacramento	45.2	49.2	53.4	58.4	64.0	70.5	75.4	74.1	71.6	63.5	52.9	46.4	60.4
San Francisco <sup>1</sup>	50.7	53.0	54.7	55.7	57.4	59.1	58.8	59.4	62.0	61.4	57.4	52.5	56.8
Colo. Denver	28.5	31.5	36.4	46.4	56.2	66.5	72.9	71.5	63.0	51.4	37.7	31.6	49.5
Conn. Hartford	26.0	27.1	36.0	48.5	59.9	68.7	73.4	71.2	63.3	53.0	41.3	28.9	49.8
Del. Wilmington	33.4	33.8	41.3	52.1	62.7	71.4	76.0	74.3	67.6	56.6	45.4	35.1	54.1
D.C. Washington	36.9	37.8	44.8	55.7	65.8	74.2	78.2	76.5	69.7	59.0	47.7	38.1	57.0
Fla. Jacksonville	55.9	57.5	62.2	68.7	75.8	80.8	82.6	82.3	79.4	71.0	61.7	56.1	69.5
Miami	66.9	67.9	70.5	74.2	77.6	80.8	81.8	82.3	81.3	77.8	72.4	68.1	75.1
Ga. Atlanta	44.7	46.1	51.4	60.2	69.1	76.6	78.9	78.2	73.1	62.4	51.2	44.8	61.4
Hawaii Honolulu	72.5	72.4	72.8	74.2	75.9	77.9	78.8	79.4	79.2	78.2	75.9	73.6	75.9
Idaho Boise	29.1	34.5	41.7	50.4	58.2	65.8	75.2	72.1	62.7	51.6	38.6	32.2	51.0
Ill. Chicago	26.0	27.7	36.3	49.0	60.0	70.5	75.6	74.2	66.1	55.1	39.9	29.1	50.8
Peoria	25.7	28.4	37.6	50.8	61.5	71.7	76.0	74.3	66.4	55.3	39.7	29.1	51.4
Ind. Indianapolis	29.1	31.1	38.9	50.8	61.4	71.1	75.2	73.7	66.5	55.4	40.9	31.1	52.1
Iowa Des Moines	19.9	23.4	33.8	48.7	60.6	71.0	76.3	74.1	65.4	54.2	37.1	25.3	49.2
Kans. Wichita	32.0	36.3	44.5	56.7	66.0	76.5	80.9	80.8	71.3	59.9	44.4	35.8	57.1
Ky. Louisville	35.0	35.8	43.3	54.8	64.4	73.4	77.6	76.2	69.5	57.9	44.7	36.3	55.7
La. New Orleans <sup>1</sup>	55.5	57.7	62.1	68.9	75.7	81.1	82.6	82.5	78.9	71.1	61.0	56.6	69.5
Maine Portland	21.8	22.8	31.4	42.5	53.0	62.1	68.1	66.8	58.7	48.6	38.1	25.8	45.0
Md. Baltimore <sup>1</sup>	37.3	37.8	44.7	55.7	66.1	74.7	79.1	77.3	70.6	60.0	48.8	39.0	57.6
Mass. Boston	29.9	30.3	37.7	47.9	58.8	67.8	73.7	71.7	65.3	55.0	44.9	33.3	51.4
Mich. Detroit	26.9	27.2	34.8	47.6	59.0	69.7	74.4	72.8	65.1	53.8	40.4	29.9	50.1
Sault Ste. Marie	15.8	15.7	23.8	38.0	49.6	59.0	64.6	64.0	55.8	46.3	33.3	20.9	40.6
Minn. Duluth	8.7	10.8	21.3	37.0	49.2	58.8	65.5	63.8	54.2	44.6	27.3	14.0	37.9
Minneapolis-St. Paul	12.4	15.7	27.4	44.3	57.3	66.8	72.3	70.0	60.4	48.9	31.2	18.1	43.7
Miss. Jackson	47.9	50.5	56.5	64.9	73.1	79.8	82.3	82.0	76.5	67.0	55.5	49.4	65.5
Mo. Kansas City	31.7	35.8	43.3	55.7	65.6	75.9	81.5	79.8	71.3	60.2	44.6	35.8	56.8
St. Louis	31.9	34.7	42.6	54.9	64.2	74.1	78.1	76.8	69.5	58.4	44.1	34.8	55.3
Mont. Great Falls	22.1	23.8	30.7	43.6	53.0	59.9	69.4	66.8	57.4	47.5	34.3	27.3	44.7
Nebr. Omaha	22.3	26.5	36.9	51.7	63.0	73.1	78.5	76.2	66.9	55.7	38.9	28.2	51.5
Nev. Reno	30.4	35.6	41.5	48.0	53.9	60.1	67.7	65.5	58.8	49.2	38.3	31.9	48.4
N.H. Concord	21.2	22.7	31.7	43.8	55.5	64.5	69.6	67.4	59.3	48.7	37.6	25.0	45.6
N.J. Atlantic City	34.8	34.7	41.1	51.0	61.3	70.0	75.1	73.7	67.2	57.2	46.7	36.6	54.1
N. Mex. Albuquerque	35.0	39.9	45.8	55.7	65.1	74.9	78.5	76.2	70.0	58.0	43.6	37.0	56.6
N.Y. Albany	22.7	23.7	33.0	46.2	57.9	67.3	72.1	70.0	61.6	50.8	39.1	26.5	47.6
Buffalo	24.5	24.1	31.5	43.5	54.8	64.8	69.8	68.4	61.4	50.8	39.1	27.7	46.7
New York <sup>1</sup>	32.2	33.4	40.5	51.4	62.4	71.4	76.8	75.1	68.5	58.3	47.0	35.9	54.5
N.C. Charlotte	42.7	44.2	50.0	60.3	69.0	77.1	79.2	78.7	72.9	62.5	50.4	42.7	60.8
Raleigh	41.6	43.0	49.5	59.3	67.6	75.1	77.9	76.9	71.2	60.5	50.0	41.9	59.5
N. Dak. Bismarck	9.9	13.5	26.2	43.5	55.9	64.5	71.7	69.3	58.7	46.7	28.9	17.8	42.2
Ohio Cincinnati <sup>1</sup>	35.5	36.8	44.3	55.7	65.8	75.3	78.8	77.4	70.6	59.5	46.4	37.2	56.9
Cleveland	27.6	27.6	35.4	46.6	57.5	67.2	71.5	69.9	63.4	52.8	40.4	29.9	49.2
Columbus	29.9	31.1	38.9	50.8	61.5	70.8	74.8	73.2	65.9	54.2	41.2	31.5	52.0
Okla. Oklahoma City	37.0	41.3	48.5	59.9	68.4	78.0	82.5	82.8	73.8	62.9	48.4	40.3	60.3
Oreg. Portland	38.4	42.0	46.1	51.8	57.4	62.0	67.2	66.6	62.2	54.2	45.1	41.3	52.9
Pa. Philadelphia	32.3	33.2	41.0	52.0	62.6	71.0	75.6	73.6	66.7	55.7	44.3	33.9	53.5
Pittsburgh	28.9	29.2	36.8	49.0	59.8	68.4	72.1	70.8	64.2	53.1	40.8	30.7	50.3
R.I. Providence	29.2	29.7	37.0	47.2	57.5	66.2	72.1	70.5	63.2	53.2	43.0	32.0	50.1
S.C. Columbia	46.9	48.4	54.4	63.6	72.2	79.7	81.6	80.5	73.3	64.7	53.7	46.4	64.0
S. Dak. Sioux Falls	15.2	19.1	30.1	45.9	58.3	68.1	74.3	71.8	61.8	50.3	32.6	21.1	45.7
Tenn. Memphis	41.5	44.1	51.1	61.4	70.3	78.5	81.3	80.5	73.9	63.1	50.1	42.5	61.5
Nashville	39.9	42.0	49.1	59.6	68.6	77.4	80.2	79.2	72.8	61.5	48.5	41.4	60.0
Tex. Dallas	45.9	49.5	56.1	65.0	72.9	81.3	84.9	85.0	77.9	67.8	54.9	48.1	65.8
El Paso	42.9	49.1	54.9	63.4	71.9	81.0	81.9	80.4	74.5	64.4	51.2	44.1	63.3
Houston	53.6	55.8	61.3	68.5	76.0	81.6	83.0	83.2	79.2	71.4	60.8	55.7	69.2
Utah Salt Lake City	27.2	32.5	40.4	49.9	58.9	67.4	76.9	74.5	64.4	51.7	36.7	30.1	50.9
Vt. Burlington	16.2	17.4	26.7	41.2	53.8	64.2	69.0	66.7	58.4	47.6	35.3	21.5	43.2
Va. Norfolk	41.2	41.6	48.0	58.0	67.5	75.6	78.8	77.5	72.6	62.0	51.4	42.5	59.7
Richmond	38.7	39.9	47.7	58.1	67.0	75.1	78.1	76.0	70.2	58.7	48.5	39.7	58.1
Wash. Seattle-Tacoma	38.3	40.8	43.8	49.2	55.5	59.8	64.9	64.1	59.9	52.4	43.9	40.8	51.1
Spokane	25.3	30.0	38.1	47.3	56.2	61.9	70.5	68.0	60.9	49.1	35.7	30.1	47.8
W. Va. Charleston	36.6	37.5	44.4	55.3	64.8	72.0	74.9	73.8	68.2	57.3	45.3	37.1	55.6
Wis. Milwaukee	20.6	22.4	31.0	43.6	53.4	63.3	68.7	67.8	60.3	50.0	35.8	24.6	45.1
Wyo. Cheyenne	25.4	27.3	32.4	42.6	52.9	63.0	70.0	67.7	58.6	47.5	34.2	29.5	45.9
P.R. San Juan	74.4	74.4	75.3	76.6	78.7	80.0	80.4	80.9	80.5	80.0	78.2	76.2	78.0

<sup>1</sup> City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

## No. 271. NORMAL MONTHLY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	62.3	64.7	70.3	77.5	85.9	91.4	92.0	91.2	87.4	80.3	69.6	63.9	78.0
Alaska	Juneau	30.1	32.1	36.5	45.4	53.6	60.8	62.7	61.5	55.2	46.5	39.2	32.7	46.4
Ariz.	Phoenix	64.0	68.1	75.0	83.9	92.9	101.6	104.6	101.6	98.2	86.7	73.7	66.1	84.7
Ark.	Little Rock	50.6	54.6	62.7	73.5	81.5	89.7	92.7	92.4	86.3	76.0	61.3	52.1	72.8
Calif.	Los Angeles <sup>1</sup>	65.0	66.0	68.6	70.6	73.5	77.1	83.3	83.3	82.4	77.3	73.3	67.5	74.0
	Sacramento	53.2	58.6	64.8	71.4	78.2	86.5	93.4	91.9	88.2	77.6	64.2	54.6	73.6
	San Francisco <sup>1</sup>	55.8	58.6	60.7	61.9	63.4	65.0	64.3	64.9	68.9	68.3	63.7	57.5	62.8
Colo.	Denver	42.1	44.6	49.9	60.5	70.5	82.0	88.4	86.8	79.0	66.6	51.7	45.2	63.9
Conn.	Hartford	34.7	36.0	45.3	59.6	72.0	80.5	85.0	82.7	74.7	64.8	50.9	37.6	60.3
Del.	Wilmington	41.3	42.4	50.5	62.5	73.4	81.8	86.2	84.2	77.9	67.3	55.1	43.5	63.8
D.C.	Washington	44.3	46.1	53.8	65.8	75.5	83.4	87.0	85.0	78.6	68.3	56.5	45.6	65.8
Fla.	Jacksonville	66.8	68.5	73.3	79.6	86.4	90.5	92.0	91.4	87.6	80.2	72.2	66.7	79.6
	Miami	75.8	77.0	79.8	82.6	85.4	88.0	88.8	89.7	88.0	84.7	80.2	77.1	83.1
Ga.	Atlanta	52.0	53.7	60.3	70.1	78.9	85.7	87.0	86.6	81.8	72.4	60.9	52.4	70.2
Hawaii	Honolulu	79.1	78.8	79.2	80.2	81.8	83.8	84.6	84.9	85.2	84.2	82.0	79.2	81.9
Idaho	Boise	36.1	42.4	51.5	62.3	71.9	80.5	91.4	88.7	78.8	65.3	48.4	39.4	63.1
Ill.	Chicago	33.0	34.7	43.5	57.4	69.1	79.5	84.1	82.4	74.8	63.4	47.1	35.7	58.7
	Peoria	33.7	36.6	46.7	61.2	72.3	82.3	87.0	85.1	77.8	66.5	48.6	36.8	61.2
Ind.	Indianapolis	37.1	39.4	48.1	61.2	72.0	81.8	86.0	84.7	78.0	66.8	50.0	39.0	62.0
Iowa	Des Moines	28.5	32.2	42.9	59.4	71.4	81.3	87.3	84.7	76.9	65.7	46.5	33.5	59.2
Kans.	Wichita	41.6	47.0	55.9	68.2	77.1	87.7	92.4	92.8	83.7	71.7	55.1	44.9	68.2
Ky.	Louisville	43.5	45.6	53.8	66.4	76.2	85.0	88.5	87.3	81.3	69.6	54.4	44.7	66.4
La.	New Orleans <sup>1</sup>	64.8	67.3	71.7	78.4	85.3	90.3	91.4	91.6	88.1	81.4	71.3	65.9	79.0
Maine	Portland	31.8	33.5	40.7	52.5	64.2	73.1	79.5	78.4	70.2	59.8	47.6	35.3	55.6
Md.	Baltimore <sup>1</sup>	44.1	45.3	52.9	64.7	75.1	83.4	87.4	85.3	78.8	68.4	56.4	45.7	65.6
Mass.	Boston	36.8	37.4	44.6	55.7	67.5	76.3	81.9	80.0	73.4	62.7	51.9	40.1	59.0
Mich.	Detroit	33.0	33.9	42.3	56.4	68.6	79.1	83.9	81.9	74.2	62.8	47.1	35.7	58.2
	Sault Ste. Marie	23.1	24.0	31.7	46.4	59.9	69.9	75.6	74.0	64.4	54.5	39.6	27.3	49.2
Minn.	Duluth	17.9	21.4	31.1	47.1	60.6	70.3	77.1	74.6	64.7	54.5	35.1	22.3	48.1
	Minneapolis-													
	St. Paul	22.4	26.3	37.2	55.7	69.1	78.1	83.9	81.3	72.2	60.6	40.5	27.4	54.6
Miss.	Jackson	58.3	61.6	68.6	77.2	85.2	91.2	92.9	93.1	88.3	79.6	67.5	59.9	77.0
Mo.	Kansas City	39.9	44.8	52.6	65.6	75.1	85.2	91.9	90.3	82.7	71.6	54.5	43.7	66.5
	St. Louis	40.2	44.0	52.8	65.9	75.1	85.1	89.2	87.3	81.3	70.1	53.7	43.0	65.6
Mont.	Great Falls	31.6	34.0	41.1	55.2	65.7	72.9	84.7	81.8	71.2	59.3	44.2	35.8	56.5
Nebr.	Omaha	31.7	36.0	46.4	62.4	73.9	83.8	89.7	86.9	78.5	67.5	48.9	37.2	61.9
Nev.	Reno	44.6	49.8	57.3	65.4	71.5	80.3	89.4	88.3	81.2	69.0	55.7	47.3	66.7
N.H.	Concord	31.7	33.5	41.7	55.9	69.3	77.7	82.8	80.6	72.4	61.7	47.9	35.1	57.5
N.J.	Atlantic City	42.9	43.3	49.7	60.3	71.0	79.2	83.8	82.2	76.0	66.5	55.5	45.1	63.0
N.Mex.	Albuquerque	46.4	52.2	58.8	69.1	78.3	88.6	91.2	88.0	82.3	70.7	56.1	48.3	69.2
N.Y.	Albany	31.0	32.5	41.9	56.7	69.5	78.7	83.7	81.4	72.9	51.8	47.5	34.5	57.7
	Buffalo	30.8	31.0	38.6	52.9	65.5	75.1	80.1	78.6	71.5	60.1	46.5	34.3	55.4
	New York <sup>1</sup>	39.5	40.3	47.8	59.6	71.4	80.2	85.3	83.3	76.8	66.3	53.7	42.1	62.2
N.C.	Charlotte	51.4	53.7	60.0	71.0	79.4	87.6	88.8	87.8	81.9	72.8	60.7	51.3	70.5
	Raleigh	51.9	54.0	61.1	71.8	79.4	86.3	88.1	87.1	82.0	72.8	62.2	52.3	70.8
N.Dak.	Bismarck	19.6	23.3	35.1	54.9	68.2	76.5	85.7	83.7	72.6	59.4	38.6	26.9	53.7
Ohio	Cincinnati <sup>1</sup>	42.9	44.8	53.3	65.6	76.0	85.2	88.8	87.8	80.8	69.6	54.5	44.3	66.1
	Cleveland	34.8	35.6	44.1	57.5	68.7	78.1	82.8	81.2	74.5	63.6	49.0	36.9	58.9
	Columbus	37.8	37.5	48.4	62.2	73.5	82.9	86.6	85.0	77.6	65.8	50.6	39.6	62.5
Okla.	Oklahoma City	45.9	51.3	59.5	70.6	78.1	87.4	92.8	93.5	84.7	73.9	58.8	49.2	70.5
Oreg.	Portland	43.7	48.8	54.2	61.7	67.5	71.8	78.6	77.9	73.7	63.2	51.7	46.5	61.6
Pa.	Philadelphia	40.3	41.8	50.3	62.6	73.4	81.6	85.9	83.7	77.2	66.5	54.0	42.3	63.3
	Pittsburgh	36.5	37.6	46.1	60.0	71.4	79.9	83.3	81.9	75.5	63.7	49.5	38.1	60.3
R.I.	Providence	37.3	38.3	45.3	56.6	67.7	76.1	81.4	80.0	73.1	63.4	52.2	40.4	59.3
S.C.	Columbia	58.2	60.5	66.5	76.3	84.7	91.5	92.5	91.2	86.1	77.4	66.7	58.2	75.8
S.Dak.	Sioux Falls	25.1	29.1	39.4	57.0	70.1	79.4	86.0	83.3	73.5	61.9	42.5	30.3	56.5
Tenn.	Memphis	50.6	53.9	61.4	72.1	80.1	88.3	91.1	90.7	85.6	75.7	61.5	52.5	72.0
	Nashville	48.8	51.4	59.4	70.8	79.8	88.4	90.7	89.9	84.5	73.7	59.1	50.3	70.6
Tex.	Dallas	55.8	59.5	67.0	75.4	82.7	90.9	94.5	95.0	88.3	78.8	65.7	58.0	76.0
	El Paso	56.3	62.4	69.4	78.2	86.9	95.4	94.9	93.0	87.5	78.8	66.3	57.5	77.2
	Houston	63.6	65.5	71.7	78.0	85.7	91.1	92.1	92.8	89.1	82.3	71.1	65.4	79.0
Utah	Salt Lake City	36.8	42.0	52.0	63.4	74.0	83.7	94.1	90.8	80.3	65.2	47.5	39.0	64.1
Vt.	Burlington	25.4	27.1	36.3	52.4	66.4	77.1	81.9	79.6	70.6	58.6	43.4	30.2	54.1
Va.	Norfolk	50.2	51.0	57.2	68.0	77.3	84.9	87.9	86.2	80.9	70.9	61.0	51.8	68.9
	Richmond	48.3	50.6	59.1	70.4	79.3	86.8	89.4	86.5	81.8	70.6	59.9	49.8	69.4
Wash.	Seattle-Tacoma	43.6	47.0	51.3	58.2	65.6	69.9	75.6	74.6	69.3	60.3	49.6	45.9	59.2
	Spokane	31.4	37.4	47.0	58.6	69.3	74.5	85.6	83.0	74.7	60.1	42.9	35.9	58.4
W.Va.	Charleston	45.2	46.9	54.5	66.3	76.7	83.2	85.6	84.3	79.5	69.3	55.3	45.6	66.0
Wis.	Milwaukee	28.3	30.2	38.8	53.1	63.9	73.9	78.9	77.7	70.7	60.1	44.1	32.0	54.3
Wyo.	Cheyenne	37.2	39.4	44.1	55.5	65.1	76.5	85.2	82.8	74.2	62.7	47.2	41.6	59.3
P.R.	San Juan	81.3	81.8	83.1	84.0	85.8	87.1	87.1	87.8	87.8	87.1	85.0	82.7	85.1

<sup>1</sup> City office data.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



## No. 272. NORMAL MONTHLY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.... Mobile.....	43.7	45.7	50.3	57.6	65.3	71.5	73.1	73.0	68.3	59.5	48.2	44.3	58.4
Alaska... Juneau.....	20.0	21.4	24.3	30.5	37.6	43.7	47.8	46.6	42.5	36.7	29.4	24.0	33.7
Ariz.... Phoenix.....	35.3	38.9	42.9	50.4	57.1	65.5	75.0	73.4	67.3	54.6	42.4	37.0	53.3
Ark.... Little Rock.....	30.5	34.1	40.9	51.2	59.5	68.0	71.1	70.1	62.2	50.2	37.6	31.7	50.6
Calif.... Los Angeles <sup>1</sup> .....	46.6	48.2	50.2	53.0	56.0	58.9	62.6	62.9	61.4	57.4	52.1	48.8	54.8
Sacramento.....	37.2	39.8	42.0	45.3	49.7	54.4	57.4	56.3	55.0	49.4	41.6	38.1	47.2
San Francisco <sup>1</sup> .....	45.5	47.3	48.6	49.5	51.3	53.1	53.3	53.9	55.1	54.4	51.0	47.4	50.9
Colo.... Denver.....	14.8	18.3	22.8	32.3	41.8	51.0	57.4	56.2	47.0	36.2	23.6	18.0	35.0
Conn.... Hartford.....	17.3	18.2	26.7	37.3	47.7	56.9	61.8	59.7	51.8	41.2	31.6	20.2	39.2
Del.... Wilmington.....	25.5	25.2	32.0	41.6	52.0	61.0	65.8	64.3	57.3	45.9	35.7	26.7	44.4
D.C.... Washington.....	29.5	29.4	35.8	45.6	56.0	64.9	69.3	67.9	60.7	49.6	38.9	30.5	48.2
Fla.... Jacksonville.....	45.0	46.5	51.1	57.8	65.1	71.1	73.2	73.2	71.1	61.8	51.2	45.5	59.4
Miami.....	57.9	58.8	61.1	65.8	69.7	73.5	74.7	74.9	74.6	70.9	64.6	59.1	67.1
Ga.... Atlanta.....	37.3	38.4	42.5	50.2	59.2	67.5	70.7	69.8	64.3	52.4	41.5	37.1	52.6
Hawaii... Honolulu.....	65.8	66.0	66.4	68.1	70.0	72.0	73.0	73.8	73.2	72.1	69.7	67.9	69.8
Idaho.... Boise.....	22.1	26.5	31.9	37.4	44.5	51.1	59.0	55.5	46.6	37.9	28.7	25.0	38.9
Ill.... Chicago.....	19.0	20.6	29.0	40.5	50.9	61.5	67.1	65.9	57.4	46.7	32.6	22.5	42.8
Peoria.....	17.6	20.1	28.4	40.3	50.7	61.1	65.0	63.5	55.0	44.1	30.7	21.3	41.5
Ind.... Indianapolis.....	21.0	22.8	29.7	40.3	50.7	60.4	64.3	62.7	54.9	44.0	31.8	23.2	42.2
Iowa.... Des Moines.....	11.3	14.6	24.6	38.0	49.8	60.7	65.2	63.4	53.8	42.6	27.6	17.0	39.1
Kans.... Wichita.....	22.3	25.6	33.0	45.2	54.9	65.2	69.4	68.8	58.9	48.0	33.7	26.6	46.0
Ky.... Louisville.....	26.5	26.0	32.8	43.1	52.6	61.8	66.6	65.1	57.7	46.2	34.9	27.8	45.1
La.... New Orleans <sup>1</sup> .....	46.2	48.0	52.4	59.4	66.0	71.9	73.7	73.4	69.7	60.7	50.6	47.2	59.9
Maine... Portland.....	11.7	12.1	22.0	32.4	41.7	51.1	56.7	55.2	47.2	37.4	28.6	16.3	34.4
Md.... Baltimore <sup>1</sup> .....	30.4	30.3	36.5	46.6	57.1	66.0	70.7	69.2	62.4	51.6	41.2	32.2	49.5
Mass.... Boston.....	23.0	23.1	30.7	40.0	50.1	59.2	65.4	63.3	57.1	47.2	37.8	26.5	43.6
Mich.... Detroit.....	20.7	20.4	27.3	38.8	49.4	60.3	64.8	63.6	56.0	44.7	33.7	24.1	42.0
Sault Ste. Marie.....	8.4	7.4	15.8	29.6	39.3	48.0	53.5	54.0	47.1	38.1	26.9	14.4	31.9
Minn.... Duluth.....	-0.6	0.1	11.4	26.9	37.7	47.3	53.9	52.9	43.7	34.6	19.5	5.7	27.8
Minneapolis.....													
St. Paul.....	2.3	5.0	17.6	32.8	45.4	55.5	60.7	58.6	48.5	37.2	21.8	8.7	32.8
Miss.... Jackson.....	37.4	39.4	44.4	52.5	60.9	68.4	71.7	70.9	64.7	54.4	43.4	38.9	53.9
Mo.... Kansas City.....	23.4	26.7	34.0	45.8	56.0	66.5	71.0	69.2	59.9	48.7	34.6	27.9	47.0
St. Louis.....	23.5	25.3	32.4	43.8	53.3	63.1	66.9	66.3	57.6	46.6	34.5	26.5	45.0
Mont.... Great Falls.....	12.5	13.6	20.2	31.9	40.2	46.9	54.1	51.8	43.5	35.6	24.4	18.8	32.8
Nebr.... Omaha.....	12.9	17.0	27.3	40.9	52.1	62.4	67.3	65.5	55.3	43.8	28.8	19.1	41.0
Nev.... Reno.....	16.2	21.4	25.6	30.5	36.3	39.8	45.9	42.7	36.4	29.4	20.8	16.4	30.1
N.H.... Concord.....	10.6	11.8	21.7	21.7	41.6	51.3	56.4	54.1	46.2	35.6	27.2	14.8	33.6
N.J.... Atlantic City.....	26.6	26.1	32.4	41.7	51.5	60.7	66.3	65.1	58.4	47.8	37.9	28.1	45.2
N. Mex. Albuquerque.....	23.5	27.5	32.7	42.2	51.9	61.1	65.8	64.3	57.6	45.3	31.1	25.6	44.1
N.Y.... Albany.....	14.4	14.8	24.0	35.7	46.3	55.8	60.5	58.5	50.3	39.8	30.6	18.5	37.4
Buffalo.....	18.2	17.2	24.4	34.0	44.1	54.5	59.4	58.1	51.2	41.4	31.7	21.1	37.9
New York <sup>1</sup> .....	26.9	26.4	33.2	43.1	53.4	62.5	68.2	66.8	60.1	50.3	40.3	29.7	46.7
N.C.... Charlotte.....	34.0	34.7	40.0	49.6	58.6	66.6	69.5	69.5	63.8	52.2	40.1	34.1	51.1
Raleigh.....	31.3	31.9	37.8	46.8	55.7	63.9	67.6	66.7	60.4	48.2	37.7	31.4	48.3
N. Dak. Bismarck.....	0.1	3.7	17.3	32.1	43.6	52.4	57.7	54.8	44.7	34.0	19.1	8.6	30.7
Ohio.... Cincinnati <sup>1</sup> .....	28.0	28.7	35.2	45.7	55.5	65.3	68.8	67.5	60.3	49.3	38.2	30.0	47.7
Cleveland.....	20.3	19.6	26.7	35.7	46.3	56.2	60.2	58.5	52.3	42.0	31.8	22.9	39.4
Columbus.....	22.0	22.7	29.3	39.4	49.4	58.6	62.9	61.4	54.2	42.5	31.8	23.4	41.5
Okla.... Oklahoma City.....	28.1	31.2	37.5	49.1	58.6	68.5	72.2	72.0	62.9	51.8	38.0	31.4	50.1
Oreg.... Portland.....	33.0	35.1	37.9	41.8	47.2	52.2	55.7	55.2	50.7	45.1	38.4	36.1	44.0
Pa.... Philadelphia.....	24.3	24.6	31.6	41.4	51.8	60.4	65.2	63.5	56.2	44.9	34.5	25.5	43.7
Pittsburgh.....	21.2	20.7	27.4	37.9	48.1	56.9	60.9	59.6	52.8	42.4	32.0	23.2	40.3
R.I.... Providence.....	21.0	21.1	28.6	37.7	47.2	56.3	62.7	60.9	53.3	42.9	33.8	23.5	40.8
S.C.... Columbia.....	35.6	36.3	42.3	50.8	59.6	67.9	70.7	69.7	64.5	52.0	40.7	34.5	52.1
S. Dak. Sioux Falls.....	5.2	9.0	20.8	34.7	46.5	56.8	62.5	60.3	50.0	38.6	22.7	11.9	34.9
Tenn.... Memphis.....	32.4	34.3	40.7	50.7	60.4	68.6	71.5	70.3	62.1	50.5	38.7	32.5	51.1
Nashville.....	30.9	32.5	38.7	48.4	57.4	66.3	69.6	68.4	61.1	49.3	37.9	32.4	49.4
Tex.... Dallas.....	36.0	39.4	45.2	54.6	63.1	71.7	75.3	75.0	67.4	56.8	44.1	38.1	55.6
El Paso.....	29.5	35.7	40.3	48.5	56.9	66.5	68.9	67.7	61.4	50.0	36.1	30.7	49.4
Houston.....	43.6	46.0	50.8	59.0	66.2	72.0	73.8	73.6	69.3	60.4	50.5	45.9	59.3
Utah.... Salt Lake City.....	17.5	22.9	28.8	36.4	43.8	51.0	59.6	58.2	48.5	38.2	25.9	21.2	37.7
Vt.... Burlington.....	6.9	7.6	17.0	30.0	41.2	51.2	56.0	53.8	46.1	36.6	27.1	12.8	32.2
Va.... Norfolk.....	32.2	32.2	38.7	47.9	57.7	66.3	69.6	68.8	64.3	53.1	41.8	33.1	50.5
Richmond.....	29.0	29.2	36.3	45.8	54.6	63.4	66.7	65.4	58.6	46.7	37.1	29.5	46.9
Wash.... Seattle-Tacoma.....	33.0	34.5	36.2	40.1	45.3	49.7	54.1	53.6	50.5	44.4	38.1	35.7	42.9
Spokane.....	19.2	22.5	29.1	35.9	43.1	49.3	55.4	52.9	47.0	38.0	28.5	24.2	37.1
W. Va. Charleston.....	27.9	28.0	34.3	44.3	52.8	60.8	64.2	63.3	56.8	45.3	35.2	28.6	45.1
Wis.... Milwaukee.....	12.8	14.6	23.2	34.1	42.9	52.6	58.4	57.8	49.9	39.9	27.5	17.1	35.9
Wyo.... Cheyenne.....	13.6	15.2	20.7	29.6	40.6	49.5	54.8	52.6	43.0	32.2	21.2	17.4	32.5
P.R.... San Juan.....	67.4	67.0	67.5	69.2	71.5	72.9	73.7	74.0	73.2	72.8	71.4	69.6	70.9

<sup>1</sup> City office data.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



## NO. 273. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1965]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile <sup>1</sup>	93	84	82	91	92	100	102	104	102	103	95	86	83	104
Alaska	Juneau	22	57	49	52	71	82	84	84	83	72	61	56	54	84
Ariz.	Phoenix <sup>1</sup>	70	85	92	97	104	114	118	118	117	118	105	96	88	118
Ark.	Little Rock	28	83	83	88	93	98	104	107	108	106	97	86	80	108
Calif.	Los Angeles <sup>2</sup>	25	86	90	89	96	99	104	103	101	110	104	95	89	110
	Sacramento <sup>1</sup>	88	72	80	85	96	103	115	114	111	109	102	87	72	115
	San Francisco <sup>2</sup>	29	79	75	83	86	91	101	92	87	97	94	84	76	101
Colo.	Denver <sup>1</sup>	94	76	77	83	86	96	104	104	105	97	90	79	79	105
Conn.	Hartford	20	66	68	87	94	96	101	101	101	101	91	83	67	101
Del.	Wilmington	18	75	74	86	89	95	99	102	101	100	91	85	71	102
D.C.	Washington <sup>1</sup>	95	80	84	93	96	97	102	106	106	104	96	87	75	106
Fla.	Jacksonville	24	85	88	90	93	99	103	105	102	100	96	88	84	105
	Miami	23	87	89	90	93	94	98	96	98	95	92	89	86	98
Ga.	Atlanta	31	79	79	86	89	97	102	103	102	99	95	84	74	103
Hawaii	Honolulu <sup>2</sup>	43	83	82	83	83	84	86	87	88	88	87	86	85	88
Idaho	Boise	26	63	67	76	92	96	109	111	110	102	91	73	62	111
Ill.	Chicago	21	67	69	82	88	94	104	103	101	101	91	81	65	104
	Peoria	26	68	70	81	89	92	100	103	101	100	90	81	66	103
Ind.	Indianapolis	35	71	72	81	88	94	102	107	100	100	90	81	69	107
Iowa	Des Moines <sup>1</sup>	87	65	78	88	92	105	103	110	110	102	95	82	69	110
Kans.	Wichita	13	73	81	89	94	100	106	113	110	103	95	80	83	113
Ky.	Louisville	18	77	77	85	91	95	102	105	101	104	92	84	72	105
La.	New Orleans <sup>1</sup>	95	84	85	90	92	98	102	102	102	101	96	92	85	102
Maine	Portland	25	64	64	86	85	92	97	98	100	95	88	73	62	100
Md.	Baltimore <sup>2</sup>	95	79	83	90	95	98	105	107	105	101	97	87	75	107
Mass.	Boston	12	62	68	78	91	93	100	100	100	100	90	76	64	100
Mich.	Detroit	32	67	68	82	87	93	104	105	101	100	92	81	64	105
	Sault Ste. Marie	25	43	45	75	82	88	92	93	98	93	80	66	59	98
Minn.	Duluth <sup>1</sup>	89	55	58	78	88	95	97	106	97	94	86	73	56	106
	Minneapolis- St. Paul	27	58	59	78	92	95	100	104	102	98	89	75	63	104
Miss.	Jackson	34	85	83	88	93	99	105	104	106	103	96	86	84	106
Mo.	Kansas City	30	75	76	89	91	97	107	112	113	109	98	83	74	113
	St. Louis <sup>1</sup>	95	77	84	92	93	98	105	115	108	104	94	86	76	115
Mont.	Great Falls	28	62	67	72	87	90	99	102	106	94	91	72	69	106
Nebr.	Omaha <sup>1</sup>	93	69	78	91	94	103	107	114	111	104	96	80	72	114
Nev.	Reno	23	68	73	78	87	94	101	104	102	101	90	77	69	104
N.H.	Concord	23	68	66	85	91	97	98	99	100	98	90	80	63	100
N.J.	Atlantic City	20	73	73	87	89	96	100	98	102	97	90	84	72	102
N. Mex.	Albuquerque	26	68	72	81	89	98	101	104	100	98	87	74	72	104
N. Y.	Albany	18	64	62	79	91	94	99	100	99	100	89	82	62	100
	Buffalo	22	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York <sup>2</sup>	97	72	75	86	92	99	101	106	104	102	94	84	70	106
N.C.	Charlotte	26	78	80	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	19	79	80	92	93	97	104	105	101	104	98	88	78	105
N. Dak.	Bismarck	26	54	68	81	92	98	100	108	109	105	95	74	62	109
Ohio	Cincinnati <sup>2</sup>	50	77	76	88	90	95	102	109	103	101	92	83	71	109
	Cleveland	36	73	72	83	88	95	102	107	102	101	90	82	69	107
	Columbus <sup>1</sup>	87	74	73	85	90	96	102	106	103	101	90	80	70	106
Okla.	Oklahoma City	12	74	84	89	95	96	100	107	107	102	95	81	86	107
Oreg.	Portland	25	62	66	80	87	92	100	105	100	101	89	69	64	105
Pa.	Philadelphia	24	74	74	87	92	96	100	102	101	100	96	80	72	102
	Pittsburgh <sup>1</sup>	91	75	77	84	90	95	99	103	103	102	91	82	73	103
R. I.	Providence	26	63	65	86	87	94	97	99	100	99	88	81	69	100
S. C.	Columbia	18	82	84	89	93	101	107	107	106	101	101	90	80	107
S. Dak.	Sioux Falls	18	59	70	80	94	94	101	108	105	99	92	75	61	108
Tenn.	Memphis	24	78	81	85	91	97	104	106	105	103	95	85	79	106
	Nashville	25	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.	Dallas	25	88	88	96	99	99	105	111	109	105	99	89	89	111
	El Paso	23	75	81	88	98	104	109	109	103	103	93	83	76	109
	Houston <sup>1</sup>	76	84	90	96	94	98	103	105	108	101	99	90	85	108
Utah	Salt Lake City	37	60	68	78	85	93	104	107	103	98	89	74	66	107
Vt.	Burlington	20	63	60	84	87	91	96	99	101	94	85	75	62	101
Va.	Norfolk	17	77	78	85	97	97	101	103	97	98	95	85	77	103
	Richmond	36	80	83	93	96	100	104	104	102	103	99	86	78	104
Wash.	Seattle-Tacoma	21	61	68	72	82	93	96	97	99	89	80	74	61	99
	Spokane	18	52	61	71	84	92	97	102	108	96	85	65	54	108
W. Va.	Charleston	18	79	77	87	90	93	98	102	100	102	92	85	79	102
Wis.	Milwaukee	24	62	60	81	85	90	99	101	100	98	89	77	63	101
Wyo.	Cheyenne	30	63	71	73	82	89	100	100	96	93	82	73	69	100
P.R.	San Juan	11	90	91	93	93	93	94	92	92	93	93	92	90	94

<sup>1</sup> Represents combination of several locations within the city. <sup>2</sup> City office data.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

## No. 274. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1965]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile <sup>1</sup>	94	8	-1	11	32	43	50	60	57	47	32	22	10	-1
Alaska.	Juneau	22	-19	-12	-11	6	25	31	36	27	26	16	-3	-21	-21
Ariz.	Phoenix <sup>1</sup>	69	16	22	29	32	39	49	61	58	47	36	25	22	16
Ark.	Little Rock	28	-4	-5	11	20	40	52	56	55	37	30	17	-1	-5
Calif.	Los Angeles <sup>2</sup>	25	28	34	38	42	46	50	54	53	51	46	39	32	28
	Sacramento <sup>1</sup>	88	19	21	29	32	34	41	47	46	43	31	26	17	17
	San Francisco <sup>2</sup>	29	30	36	38	42	44	47	47	48	48	45	41	37	30
Colo.	Denver	94	-29	-30	-11	4	19	30	42	40	21	-2	-18	-25	-30
Conn.	Hartford	20	-26	-21	-8	19	27	37	44	36	27	22	10	-11	-26
Del.	Wilmington	18	-4	-4	9	23	34	44	50	48	37	26	14	3	-4
D.C.	Washington <sup>1</sup>	95	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Fla.	Jacksonville	24	20	19	25	35	49	57	65	64	55	38	23	12	12
	Miami	23	34	32	40	41	53	65	69	68	69	51	39	35	32
Ga.	Atlanta	31	-3	5	10	28	38	46	58	56	41	29	3	1	-3
Hawaii.	Honolulu <sup>2</sup>	43	57	58	58	59	64	64	68	68	69	66	62	59	57
Idaho.	Boise	26	-17	-10	10	20	27	38	41	38	27	20	-3	-1	-17
Ill.	Chicago	21	-15	-15	-7	19	30	35	49	46	36	20	-2	-14	-15
	Peoria	26	-20	-16	-10	20	31	39	47	43	26	19	-1	-18	-20
Ind.	Indianapolis	35	-18	-19	-6	16	29	39	44	42	28	17	-2	-15	-19
Iowa.	Des Moines <sup>1</sup>	87	-30	-26	-22	11	26	37	48	40	26	7	-10	-21	-30
Kans.	Wichita	13	-12	-3	-2	17	33	44	54	48	40	23	8	-5	-12
Ky.	Louisville	18	-20	-19	-1	25	31	45	50	49	33	23	-1	-9	-20
La.	New Orleans <sup>1</sup>	95	15	7	26	35	37	58	61	61	53	36	26	18	7
Maine.	Portland	25	-21	-39	-21	8	23	33	40	38	23	18	6	-21	-39
Md.	Baltimore <sup>2</sup>	95	-6	-7	5	15	34	46	54	51	39	30	12	-3	-7
Mass.	Boston	12	-12	-4	7	17	34	47	55	52	39	31	17	-4	-12
Mich.	Detroit	32	-13	-16	-1	14	30	38	48	43	32	25	5	-5	-16
	Sault Ste. Marie	25	-24	-25	-24	1	21	28	36	32	25	20	-5	-20	-25
Minn.	Duluth <sup>1</sup>	89	-41	-36	-28	-5	16	30	37	36	22	8	-29	-35	-41
	Minneapolis-St. Paul	27	-32	-28	-32	2	24	34	45	40	26	16	-17	-22	-32
Miss.	Jackson	34	-5	1	17	30	42	48	57	54	41	28	16	14	-5
Mo.	Kansas City	30	-13	-7	-3	16	32	44	54	49	34	24	5	-4	-13
	St. Louis <sup>1</sup>	95	-22	-18	-5	20	32	44	51	47	32	21	1	-15	-22
Mont.	Great Falls	28	-33	-35	-29	-6	15	31	42	35	23	7	-23	-36	-36
Nebr.	Omaha <sup>1</sup>	93	-32	-26	-16	6	25	39	50	44	30	8	-14	-20	-32
Nev.	Reno	23	-16	-12	-2	13	19	25	33	24	21	13	1	-9	-16
N.H.	Concord	23	-30	-37	-16	9	21	32	38	33	21	16	5	-22	-37
N.J.	Atlantic City	20	-8	-4	9	24	32	42	52	49	35	26	16	-7	-8
N. Mex.	Albuquerque	26	-7	-5	8	19	33	44	54	53	37	26	10	3	-7
N.Y.	Albany	18	-26	-21	-21	14	27	36	41	42	24	20	6	-19	-26
	Buffalo	22	-12	-20	-2	12	26	35	43	38	32	20	7	-8	-20
	New York <sup>2</sup>	97	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
N.C.	Charlotte	26	-3	5	10	26	32	50	53	53	38	24	11	2	-3
	Raleigh	19	5	7	11	27	29	44	49	49	37	19	14	4	4
N. Dak.	Bismarck	26	-44	-34	-31	-2	19	33	39	33	16	5	-29	-36	-44
Ohio.	Cincinnati <sup>2</sup>	50	-17	-9	3	18	29	40	50	43	32	20	1	-13	-17
	Cleveland	36	-19	-15	-5	10	26	38	43	41	32	23	4	-9	-19
	Columbus	87	-20	-20	-2	15	28	39	44	39	31	20	-5	-12	-20
Okla.	Oklahoma City	12	-4	7	3	20	39	47	57	51	45	22	11	5	-4
Oreg.	Portland	25	-2	-3	19	29	29	41	43	44	34	26	13	6	-3
Pa.	Philadelphia	24	-5	-4	7	24	33	44	52	45	35	25	15	1	-5
	Pittsburgh <sup>1</sup>	91	-18	-20	-1	11	26	38	42	40	31	16	-1	-9	-20
R.I.	Providence	26	-9	-15	1	14	29	39	46	40	32	26	12	-11	-15
S.C.	Columbia	18	12	11	18	29	34	51	54	54	44	28	16	4	4
S. Dak.	Sioux Falls	18	-26	-31	-23	11	20	33	44	34	24	13	-17	-25	-31
Tenn.	Memphis	24	-4	-11	12	29	38	50	52	48	36	25	9	-13	-13
	Nashville	25	-15	-13	5	25	34	44	51	47	36	26	-1	-7	-15
Tex.	Dallas	25	2	7	11	31	39	53	61	61	36	30	17	10	2
	El Paso	23	-8	8	15	28	38	50	60	59	41	32	16	5	-8
	Houston <sup>1</sup>	76	5	6	21	32	45	55	55	54	45	33	23	15	5
Utah.	Salt Lake City	37	-22	-30	5	14	25	35	41	37	27	18	-14	-21	-30
Vt.	Burlington	20	-30	-26	-20	9	25	35	39	39	25	20	-2	-22	-30
Va.	Norfolk	17	12	11	20	28	36	48	57	55	46	30	20	14	11
	Richmond	36	-12	-10	11	26	31	41	51	46	37	21	10	-1	-12
Wash.	Seattle-Tacoma	21	-	1	11	29	28	38	43	44	36	28	6	10	-
	Spokane	18	-24	-22	-3	21	24	34	39	35	25	20	-11	-20	-24
W. Va.	Charleston	18	-12	-4	10	20	28	41	46	46	34	17	6	-2	-12
Wis.	Milwaukee	24	-24	-19	-10	13	24	33	40	44	28	21	-5	-15	-24
Wyo.	Cheyenne	30	-27	-34	-21	-6	16	25	38	37	18	2	-12	-24	-34
P.R.	San Juan	11	61	62	60	65	66	69	69	70	69	67	66	63	60

- Represents zero. <sup>1</sup> Represents combination of several locations within the city. <sup>2</sup> City office data.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



## No. 275. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960. T denotes trace. See *Historical Statistics, Colonial Times to 1957*, series J 136-265, for related data]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala. Mobile	4.64	4.59	7.23	6.36	4.88	6.23	9.67	6.44	6.25	3.03	3.35	5.46	68.13
Alaska. Juneau	4.00	3.06	3.27	2.87	3.24	3.39	4.49	5.02	6.67	8.33	6.06	4.22	54.62
Ariz. Phoenix	0.73	0.85	0.66	0.32	0.13	0.09	0.77	1.12	0.73	0.46	0.49	0.85	7.20
Ark. Little Rock	5.22	4.33	4.81	4.93	5.28	3.61	3.34	2.82	3.23	2.88	4.12	4.09	48.66
Calif. Los Angeles <sup>1</sup>	3.07	3.33	2.26	1.17	0.16	0.06	T	0.04	0.23	0.41	1.08	2.87	14.68
Sacramento	3.18	2.99	2.36	1.40	0.59	0.10	T	0.02	0.19	0.77	1.45	3.24	16.29
San Francisco <sup>1</sup>	4.55	3.66	2.93	1.44	0.63	0.14	0.01	0.04	0.22	0.89	2.00	4.27	20.78
Colo. Denver	0.55	0.69	1.21	2.11	2.70	1.44	1.53	1.28	1.13	1.01	0.69	0.47	14.81
Conn. Hartford	3.58	2.94	3.80	3.73	3.41	3.70	3.61	4.01	3.65	3.18	3.84	3.47	42.92
Del. Wilmington	3.40	2.95	4.02	3.33	3.53	4.07	4.25	5.59	3.95	2.91	3.53	3.03	44.56
D.C. Washington	3.03	2.47	3.21	3.15	4.14	3.21	4.15	4.90	3.83	3.07	2.84	2.78	40.78
Fla. Jacksonville	2.45	2.91	3.49	3.55	3.47	6.33	7.68	6.85	7.56	5.16	1.69	2.22	53.36
Miami	2.03	1.87	2.27	3.88	6.44	7.37	6.75	6.97	9.47	8.21	2.83	1.67	59.76
Ga. Atlanta	4.44	4.51	5.37	4.47	3.16	3.83	4.72	3.60	3.26	2.44	2.96	4.38	47.14
Hawaii. Honolulu	3.76	3.30	2.89	1.31	0.99	0.33	0.44	0.89	0.99	1.84	2.16	2.99	21.89
Idaho. Boise	1.32	1.33	1.32	1.16	1.29	0.89	0.21	0.16	0.39	0.84	1.20	1.32	11.43
Ill. Chicago	1.86	1.60	2.74	3.04	3.73	4.07	3.37	3.16	2.73	2.78	2.20	1.90	33.18
Peoria	1.88	1.71	2.85	3.97	4.27	4.08	3.54	2.88	3.05	2.53	2.14	1.94	34.84
Ind. Indianapolis	3.05	2.28	3.41	3.74	3.99	4.62	3.50	3.03	3.24	2.62	3.09	2.68	39.25
Iowa. Des Moines	1.30	1.10	2.09	2.53	4.07	4.71	3.06	3.67	2.88	2.06	1.76	1.14	30.37
Kans. Wichita	0.81	0.92	1.64	2.30	3.97	4.21	3.64	2.87	3.22	2.40	1.49	0.94	28.41
Ky. Louisville	4.10	3.29	4.59	3.82	3.90	3.99	3.36	2.97	2.63	2.25	3.20	3.22	41.32
La. New Orleans <sup>1</sup>	4.29	4.35	5.91	5.54	4.86	5.59	8.12	6.64	6.41	3.15	3.51	4.59	62.96
Maine. Portland	4.37	3.80	4.34	3.73	3.41	3.18	2.86	2.42	3.52	3.20	4.17	3.85	42.85
Md. Baltimore <sup>1</sup>	3.43	2.98	3.94	3.71	4.15	3.87	4.39	4.60	3.63	3.25	3.10	3.16	44.21
Mass. Boston	3.94	3.32	4.22	3.77	3.34	3.48	2.88	3.66	3.46	3.14	3.93	3.63	42.77
Mich. Detroit	2.05	2.08	2.42	3.00	3.53	2.83	2.82	2.86	2.44	2.63	2.21	2.08	30.95
Sault Ste. Marie	2.07	1.50	1.81	2.16	2.77	3.30	2.48	2.89	3.81	2.82	3.33	2.28	31.22
Minn. Duluth	1.15	0.96	1.62	2.36	3.29	4.27	3.54	3.81	2.86	2.17	1.78	1.16	28.97
Minneapolis-St. Paul	0.70	0.78	1.53	1.85	3.19	4.00	3.27	3.18	2.43	1.59	1.40	0.86	24.78
Miss. Jackson	5.18	4.96	5.74	4.91	4.38	3.79	4.76	3.33	2.53	2.04	3.90	5.30	50.82
Mo. Kansas City	1.41	1.24	2.49	3.56	4.40	4.57	3.19	3.77	3.25	2.86	1.80	1.53	34.07
St. Louis	1.98	2.04	3.08	3.71	3.73	4.29	3.30	3.02	2.76	2.86	2.57	1.97	35.31
Mont. Great Falls	0.61	0.74	0.92	0.98	2.10	2.90	1.28	1.26	1.20	0.73	0.75	0.60	14.07
Nebr. Omaha	0.82	0.95	1.45	2.56	3.48	4.53	3.37	3.98	2.63	1.73	1.26	0.80	27.56
Nev. Reno	1.19	1.02	0.68	0.54	0.52	0.37	0.27	0.17	0.23	0.51	0.57	1.08	7.15
N.H. Concord	3.23	2.48	3.26	3.31	3.17	3.60	3.41	2.96	3.75	2.66	3.72	3.25	38.80
N.J. Atlantic City	3.56	3.13	3.91	3.41	3.51	2.83	3.72	4.90	3.31	3.20	3.66	3.22	42.36
N. Mex. Albuquerque	0.41	0.38	0.48	0.47	0.75	0.57	1.20	1.33	0.95	0.75	0.38	0.46	8.13
N.Y. Albany	2.47	2.20	2.72	2.77	3.47	3.25	3.49	3.07	3.58	2.77	2.70	2.59	35.08
Buffalo	2.84	2.72	3.24	3.01	2.95	2.54	2.57	3.05	3.13	3.00	3.60	3.00	35.65
New York <sup>1</sup>	3.31	2.84	4.01	3.43	3.67	3.31	3.70	4.44	3.87	3.14	3.39	3.26	42.37
N.C. Charlotte	3.53	3.55	4.39	3.49	3.11	3.61	4.88	4.22	3.49	2.96	2.53	3.62	43.38
Raleigh	3.22	3.23	3.35	3.52	3.52	3.70	5.49	5.20	3.85	2.71	2.77	3.02	43.58
N. Dak. Bismarck	0.44	0.43	0.78	1.22	1.97	3.40	2.19	1.73	1.19	0.85	0.59	0.36	15.15
Ohio. Cincinnati <sup>1</sup>	3.67	2.80	3.89	3.63	3.80	4.18	3.59	3.28	2.71	2.24	2.95	2.77	39.51
Cleveland	2.67	2.33	3.13	3.41	3.52	3.43	3.31	3.28	2.90	2.42	2.61	2.34	35.35
Columbus	3.16	2.31	3.16	3.49	4.00	4.16	3.93	2.86	2.65	2.11	2.50	2.34	36.67
Okla. Oklahoma City	1.31	1.37	1.97	3.12	5.19	4.47	2.37	2.52	3.02	2.51	1.56	1.41	30.82
Oreg. Portland	5.37	4.22	3.83	2.09	1.99	1.67	0.41	0.65	1.63	3.61	5.33	6.38	37.18
Pa. Philadelphia	3.32	2.80	3.80	3.40	3.74	4.05	4.16	4.63	3.46	2.78	3.40	2.94	42.48
Pittsburgh	2.97	2.19	3.32	3.08	3.91	3.78	3.88	3.31	2.54	2.52	2.24	2.40	36.14
R.I. Providence	3.81	3.10	4.14	3.75	3.35	2.76	2.91	3.96	3.52	3.10	4.11	3.62	42.13
S.C. Columbia	3.02	3.74	4.26	4.01	3.54	3.85	6.09	5.74	4.31	2.38	2.36	3.52	46.82
S. Dak. Sioux Falls	0.62	0.93	1.54	2.31	3.38	4.35	2.84	3.59	2.61	1.25	1.00	0.74	25.16
Tenn. Memphis	6.07	4.69	5.07	4.63	4.23	3.68	3.54	2.97	2.82	2.72	4.38	4.93	49.73
Nashville	5.49	4.51	5.19	3.74	3.72	3.25	3.72	2.86	2.87	2.32	3.28	4.19	45.15
Tex. Dallas	2.32	2.55	2.85	4.00	4.83	3.24	1.94	1.93	2.82	2.70	2.70	2.67	34.55
El Paso	0.46	0.41	0.35	0.29	0.40	0.69	1.29	1.19	1.14	0.85	0.33	0.49	7.89
Houston	3.78	3.44	2.67	3.24	4.32	3.69	4.29	4.27	4.26	3.77	3.86	4.36	45.95
Utah. Salt Lake City	1.35	1.18	1.56	1.76	1.40	0.98	0.58	0.87	0.53	1.15	1.30	1.24	13.90
Vt. Burlington	1.95	1.79	2.11	2.63	2.99	3.49	3.85	3.37	3.31	2.97	2.62	2.13	33.21
Va. Norfolk	3.33	3.21	3.45	3.16	3.36	3.61	5.92	5.97	4.22	2.92	3.05	2.74	44.94
Richmond	3.46	2.90	3.42	3.15	3.72	3.75	5.61	5.54	3.65	3.00	3.04	2.97	44.21
Wash. Seattle-Tacoma	5.73	4.24	3.79	2.40	1.73	1.58	0.81	0.95	2.05	4.02	5.35	6.29	38.94
Spokane	2.44	1.86	1.50	0.91	1.21	1.49	0.38	0.41	0.75	1.57	2.24	2.43	17.19
W. Va. Charleston	4.32	3.53	4.34	3.68	3.71	3.69	5.67	3.95	2.92	2.58	2.79	3.25	44.43
Wis. Milwaukee	1.83	1.40	2.31	2.53	3.16	3.64	2.95	3.06	2.72	2.10	2.18	1.63	29.51
Wyo. Cheyenne	0.52	0.56	1.21	1.88	2.52	2.11	1.82	1.44	1.10	0.83	0.62	0.45	15.06
P.R. San Juan	4.70	2.90	2.20	3.72	7.12	5.66	6.25	7.13	6.76	5.83	6.49	5.45	64.21

<sup>1</sup> City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



## Precipitation

191

## No. 276. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE—SELECTED CITIES

[Airport data for period of record through 1965, except as noted]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	24	11	10	11	8	8	12	17	13	10	6	7	11	123
Alaska	Juneau	22	18	18	17	17	17	16	17	17	20	24	20	22	222
Ariz.	Phoenix	26	4	4	3	2	1	1	4	5	3	3	2	4	34
Ark.	Little Rock	23	9	9	11	11	10	8	8	7	7	6	8	9	101
Calif.	Los Angeles <sup>1</sup>	25	6	5	6	4	1	1	(Z)	1	1	2	4	5	36
	Sacramento	26	10	9	8	6	3	1	(Z)	(Z)	1	3	6	9	57
	San Francisco <sup>1</sup>	29	11	10	10	6	4	2	1	1	1	4	7	10	67
Colo.	Denver	31	6	6	9	9	10	9	9	8	6	5	5	5	87
Conn.	Hartford	11	10	11	11	12	11	11	10	10	10	8	11	11	125
Del.	Wilmington	18	11	10	12	12	11	9	9	10	8	8	9	9	118
D.C.	Washington	24	11	9	12	10	11	9	10	9	8	7	8	9	112
Fla.	Jacksonville	24	8	8	8	7	7	12	15	14	14	8	6	8	116
	Miami	23	6	6	5	6	10	14	16	16	18	15	7	7	125
Ga.	Atlanta	31	11	11	12	9	8	10	12	9	7	6	8	10	115
Hawaii	Honolulu	16	10	10	8	9	6	6	7	6	9	9	10	99	
Idaho	Boise	26	12	11	10	8	9	7	2	2	4	6	10	11	91
Ill.	Chicago	23	10	10	12	13	12	10	9	8	8	7	10	10	119
	Peoria	26	9	8	11	12	12	10	8	8	8	7	8	9	108
Ind.	Indianapolis	26	12	10	13	12	13	10	9	8	7	7	10	11	121
Iowa	Des Moines	26	7	8	10	11	11	11	9	9	9	7	6	7	104
Kans.	Wichita	12	6	5	7	7	10	9	9	7	9	5	4	5	83
Ky.	Louisville	18	12	11	13	12	11	10	11	8	7	7	10	11	121
La.	New Orleans	17	10	10	9	7	7	10	15	13	9	5	6	10	112
Maine	Portland	25	11	11	11	12	13	11	9	9	8	9	11	11	126
Md.	Baltimore	15	10	9	12	12	10	10	8	10	8	6	9	8	112
Mass.	Boston	14	12	12	12	12	12	10	10	10	9	10	11	10	129
Mich.	Detroit	32	13	12	13	12	12	11	9	9	9	9	11	13	132
	Sault Ste. Marie	24	19	15	13	11	11	11	10	10	14	12	17	19	162
Minn.	Duluth	24	11	10	11	11	13	12	11	11	12	8	11	12	133
	Minneapolis														
	St. Paul	27	8	7	11	9	12	12	10	10	9	7	8	9	112
Miss.	Jackson <sup>2</sup>	7	11	11	11	9	9	11	10	10	9	7	9	10	116
Mo.	Kansas City	32	7	7	9	11	11	11	8	8	8	7	6	6	99
	St. Louis	8	8	8	12	11	10	9	9	8	7	7	7	8	103
Mont.	Great Falls	28	8	8	9	9	11	13	8	7	7	5	7	6	98
Nebr.	Omaha	30	7	8	9	9	11	11	9	10	8	6	5	6	98
Nev.	Reno	23	6	5	6	4	5	3	2	2	2	3	5	6	48
N.H.	Concord	24	11	10	11	12	12	10	10	9	9	9	11	10	124
N.J.	Atlantic City	22	11	10	11	12	10	9	9	9	7	7	9	9	112
N. Mex.	Albuquerque	26	4	4	4	4	4	3	9	9	5	5	3	4	58
N.Y.	Albany	19	13	11	12	13	13	10	11	10	9	8	11	11	131
	Buffalo	12	20	17	16	15	12	9	10	12	10	11	15	20	166
	New York <sup>1</sup>	97	11	10	12	11	11	10	11	10	8	8	9	10	121
N.C.	Charlotte	26	10	10	12	9	8	9	12	10	7	6	7	10	110
	Raleigh	21	10	11	11	9	10	10	12	11	8	7	9	8	115
N. Dak.	Bismarck	26	8	7	8	8	10	12	9	9	7	5	6	7	96
Ohio	Cincinnati <sup>1</sup>	50	13	11	13	12	12	13	10	9	8	9	10	11	132
	Cleveland	24	16	14	16	15	13	11	10	9	9	10	14	16	153
	Columbus	26	14	12	14	13	13	11	11	9	8	8	11	12	135
Okla.	Oklahoma City	26	5	7	7	8	10	9	7	7	7	6	5	5	82
Oreg.	Portland	25	19	17	17	14	12	10	4	5	7	13	18	19	154
Pa.	Philadelphia	25	11	9	12	11	11	10	9	10	8	8	9	9	117
	Pittsburgh	13	16	14	16	14	11	11	11	10	8	10	12	16	148
R.I.	Providence	12	11	11	11	12	11	11	10	10	9	8	11	11	124
S.C.	Columbia	18	9	11	11	9	8	10	12	11	8	6	7	9	111
S. Dak.	Sioux Falls	20	5	6	9	9	10	12	9	9	8	5	5	6	93
Tenn.	Memphis	15	10	10	12	10	8	8	9	8	6	5	8	9	103
	Nashville	24	12	11	13	11	10	10	10	9	7	6	9	11	118
Tex.	Dallas	25	7	8	7	8	8	6	5	5	5	5	6	6	70
	El Paso	26	3	2	2	2	2	4	8	7	4	3	2	4	44
	Houston	33	11	10	8	8	7	8	9	9	9	6	8	10	102
Utah	Salt Lake City	37	10	9	10	9	8	5	4	6	5	6	7	9	86
Vt.	Burlington	22	13	12	13	13	13	11	12	12	11	11	14	14	148
Va.	Norfolk	17	10	10	12	11	10	9	11	11	8	8	8	8	116
	Richmond	28	10	9	11	10	10	10	11	10	8	7	9	8	115
Wash.	Seattle-Tacoma	21	19	17	18	14	10	10	5	7	9	15	19	20	163
	Spokane	18	15	13	12	8	10	8	4	5	6	8	13	16	117
W. Va.	Charleston	18	16	14	15	14	13	11	13	10	8	9	11	13	148
Wis.	Milwaukee	25	10	9	11	12	12	10	9	9	9	8	9	10	119
Wyo.	Cheyenne	30	6	7	10	10	12	12	11	10	7	5	6	5	101
P.R.	San Juan	10	17	13	12	16	20	19	21	20	18	17	18	19	209

Z Less than ½ day. <sup>1</sup> City office data. <sup>2</sup> Record through 1964.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

## No. 277. AVERAGE TOTAL SNOW AND SLEET—SELECTED CITIES

[In inches. Airport data, for period of record through 1965, except as noted. T denotes trace]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	24	0.1	0.1	0.1	-	-	-	-	-	-	-	-	0.1	0.4
Alaska	Juneau	22	19.4	21.7	17.9	5.9	0.1	-	-	-	T	1.0	10.2	23.7	99.9
Ariz.	Phoenix	28	T	T	-	T	-	-	-	-	-	-	-	-	T
Ark.	Little Rock	23	2.2	1.0	0.5	T	-	-	-	-	-	-	0.1	1.3	5.2
Calif.	Los Angeles <sup>1</sup>	25	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	17	T	T	-	-	-	-	-	-	-	-	-	-	T
	San Francisco <sup>1</sup>	29	T	T	T	-	-	-	-	-	-	-	-	T	T
Colo.	Denver	31	8.8	8.2	13.2	9.6	1.6	T	-	-	1.7	2.8	7.5	5.7	59.1
Conn.	Hartford	11	12.9	12.0	13.9	2.1	-	-	-	-	-	T	1.2	10.2	52.3
Del.	Wilmington	18	5.8	5.6	4.8	0.1	T	-	-	-	-	T	1.2	3.9	21.4
D.C.	Washington	22	4.7	4.8	3.0	T	T	-	-	-	-	T	0.6	3.6	16.9
Fla.	Jacksonville	24	T	0.1	T	-	-	-	-	-	-	-	-	T	0.1
	Miami	23	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	Atlanta	31	0.8	0.3	0.3	-	-	-	-	-	-	-	T	0.2	1.6
Hawaii	Honolulu	19	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	26	8.4	4.1	2.1	0.3	0.2	T	-	-	-	T	1.7	4.8	21.6
Ill.	Chicago	23	8.5	7.7	7.5	0.7	T	-	-	-	-	0.2	2.8	10.2	37.6
	Peoria	22	5.3	5.1	5.2	0.4	T	-	-	-	-	T	1.8	5.4	23.2
Ind.	Indianapolis	34	4.6	5.0	3.7	0.5	T	-	-	-	-	T	1.9	4.3	20.3
Iowa	Des Moines	26	8.7	7.0	8.6	1.2	T	-	-	-	T	0.1	1.8	6.2	33.6
Kans.	Wichita	12	4.7	3.6	3.3	0.2	-	-	-	-	-	T	0.5	2.8	15.1
Ky.	Louisville	18	5.4	3.9	3.2	0.1	-	-	-	-	-	T	1.0	2.7	16.3
La.	New Orleans	19	T	0.1	T	-	-	-	-	-	-	-	T	0.1	0.2
Maine	Portland	25	18.9	19.0	14.0	2.6	0.3	-	-	-	T	0.2	2.9	13.1	71.0
Md.	Baltimore	15	5.6	5.8	6.4	0.1	T	-	-	-	-	T	1.0	4.4	23.3
Mass.	Boston	30	12.7	11.2	7.9	0.7	T	-	-	-	-	T	1.3	7.1	41.1
Mich.	Detroit	32	7.9	8.0	5.5	1.2	T	-	-	-	-	T	2.6	6.6	31.8
	Sault Ste. Marie	24	22.6	16.9	15.8	4.5	0.5	T	-	-	0.2	2.0	14.1	26.4	103.1
Minn.	Duluth	22	14.6	13.1	14.5	6.8	0.9	T	-	-	-	T	1.0	9.8	75.1
	Minneapolis-St. Paul	27	6.3	8.0	11.5	2.7	0.2	-	-	-	0.1	0.3	6.1	7.0	42.2
Miss.	Jackson <sup>2</sup>	7	0.6	1.7	T	-	-	-	-	-	-	-	T	T	2.3
Mo.	Kansas City	32	6.0	4.2	4.3	0.7	T	-	-	-	-	T	1.1	4.7	21.0
	St. Louis	29	4.5	4.0	4.9	0.1	T	-	-	-	-	T	1.3	3.0	17.8
Mont.	Great Falls	28	8.6	9.6	9.4	5.2	1.4	0.4	T	-	1.4	2.4	8.0	7.6	53.9
Nebr.	Omaha	30	8.3	7.9	7.9	0.9	0.1	-	-	-	T	0.2	2.1	5.5	32.9
Nev.	Reno	23	6.3	4.8	5.3	1.4	1.1	T	-	-	T	0.2	2.1	3.7	24.9
N.H.	Concord	24	17.8	13.9	11.3	1.7	0.2	-	-	-	-	T	3.1	12.5	60.5
N.J.	Atlantic City	21	5.1	3.7	3.5	0.4	-	-	-	-	-	T	0.2	2.6	15.5
N. Mex.	Albuquerque	26	2.0	1.8	1.7	0.4	T	-	-	-	T	T	1.5	2.7	10.1
N.Y.	Albany	19	16.4	15.4	12.1	2.6	T	-	-	-	-	0.1	2.4	12.0	61.0
	Buffalo	12	25.1	19.9	15.0	4.1	T	-	-	-	T	0.4	11.0	22.0	97.5
	New York <sup>1</sup>	97	7.8	8.5	5.3	1.0	T	-	-	-	-	T	1.0	6.1	29.7
N.C.	Charlotte	26	2.1	0.9	1.1	T	-	-	-	-	-	-	T	0.4	4.5
	Raleigh	21	2.9	2.0	1.1	T	-	-	-	-	-	-	0.1	0.9	6.7
N. Dak.	Blismarck	26	6.7	5.7	7.7	3.3	1.1	T	-	-	0.3	1.2	4.9	5.3	36.2
Ohio	Cincinnati <sup>1</sup>	50	5.4	4.1	3.1	0.5	T	-	-	-	-	0.1	1.5	4.3	19.0
	Cleveland	24	10.2	10.6	10.7	2.4	T	-	-	-	T	0.7	5.3	11.0	50.9
	Columbus	18	6.9	5.9	4.9	0.7	T	-	-	-	-	0.1	2.6	6.4	27.5
Okla.	Oklahoma City	26	3.3	2.3	1.5	T	-	-	-	-	-	T	0.2	1.5	8.8
Oreg.	Portland	25	4.9	1.0	0.8	T	T	-	-	-	T	T	0.3	0.8	7.8
Pa.	Philadelphia	19	5.6	5.7	4.1	0.1	T	-	-	-	-	T	0.8	4.2	20.4
	Pittsburgh	13	10.3	9.9	9.3	2.0	-	-	-	-	-	0.3	3.3	8.5	43.7
R.I.	Providence	12	10.9	9.0	10.4	0.7	-	-	-	-	-	0.1	0.6	7.4	39.1
S.C.	Columbia	18	0.2	0.1	0.2	-	-	-	-	-	-	-	T	0.5	1.0
S. Dak.	Sioux Falls	20	5.7	10.8	12.2	2.2	T	-	-	-	T	0.2	4.4	5.9	41.4
Tenn.	Memphis	15	1.8	1.3	0.8	-	-	-	-	-	-	-	T	1.5	5.4
	Nashville	24	3.5	2.8	1.8	T	-	-	-	-	-	-	0.6	2.0	10.7
Tex.	Dallas	25	1.4	0.4	0.2	-	-	-	-	-	-	-	T	0.2	2.2
	El Paso	26	1.4	0.8	0.5	T	-	-	-	-	-	-	0.7	0.9	4.3
	Houston	33	0.2	0.2	-	-	-	-	-	-	-	-	-	T	0.4
Utah	Salt Lake City	37	13.3	9.3	9.2	3.3	0.5	T	-	-	0.1	0.6	6.2	10.2	52.7
Vt.	Burlington	22	16.8	17.2	11.4	2.0	T	-	-	-	T	0.1	5.7	14.9	68.1
Va.	Norfolk	17	3.1	1.7	0.7	0.1	-	-	-	-	-	-	T	1.5	7.1
	Richmond	28	5.2	3.1	3.1	0.2	-	-	-	-	-	T	0.5	1.8	13.9
Wash.	Seattle-Tacoma	21	6.2	2.4	2.2	T	-	-	-	-	-	T	1.4	2.2	14.4
	Spokane	18	19.5	8.7	5.5	0.6	T	T	-	-	-	-	0.5	6.1	16.5
W. Va.	Charleston	18	7.9	6.9	4.5	0.5	T	-	-	-	-	0.2	2.9	4.1	27.0
Wis.	Milwaukee	25	12.8	8.0	10.0	1.1	T	-	-	-	-	T	2.8	9.4	44.1
Wyo.	Cheyenne	30	6.4	6.2	12.2	9.5	3.9	0.5	-	-	0.7	2.7	6.4	5.3	53.8
P.R.	San Juan	10	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. <sup>1</sup> City office data. <sup>2</sup> Record through 1964.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

## No. 278. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, for period of record through 1965, except as noted]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile <sup>1</sup>	46	49	51	57	65	69	67	61	63	64	72	62	48	61
Alaska	Juneau	20	29	31	38	39	37	33	30	31	26	17	22	18	31
Ariz.	Phoenix	70	77	79	83	88	93	94	84	85	89	88	84	77	86
Ark.	Little Rock	23	45	52	55	60	65	70	68	72	67	69	55	47	62
Calif.	Los Angeles <sup>2</sup>	25	72	73	74	68	67	67	82	82	80	74	77	71	74
	Sacramento	17	43	61	68	78	84	91	97	95	93	86	64	43	78
	San Francisco <sup>2</sup>	29	55	61	68	71	71	73	65	65	71	70	64	53	66
Colo.	Denver	16	72	70	69	64	64	71	72	73	76	76	67	70	70
Conn.	Hartford	11	55	53	56	53	60	60	60	61	59	59	48	49	57
Del.	Wilmington <sup>1</sup>	23	50	54	57	57	59	64	63	61	60	60	54	51	58
D.C.	Washington	17	49	51	56	55	58	65	64	62	63	62	53	49	58
Fla.	Jacksonville	15	59	62	63	70	71	59	59	58	48	56	59	55	60
	Miami <sup>2,3</sup>	22	68	74	74	72	68	62	62	63	58	59	66	65	66
Ga.	Atlanta	31	48	52	56	65	70	66	62	66	64	68	58	49	61
Hawaii	Honolulu	13	65	66	71	70	71	74	77	78	76	69	62	60	70
Idaho	Boise	26	42	50	60	67	69	75	89	86	81	67	47	40	67
Ill.	Chicago	23	43	47	51	54	61	68	69	68	64	63	44	42	58
	Peoria	22	45	48	51	55	60	66	69	69	68	65	48	43	58
Ind.	Indianapolis	23	41	52	52	56	63	69	72	73	70	68	47	44	60
Iowa	Des Moines	15	50	53	53	55	61	66	70	69	65	66	54	47	60
Kans.	Wichita	12	61	58	60	61	62	70	75	75	70	69	63	59	66
Ky.	Louisville	18	39	45	48	54	64	67	67	69	68	64	49	41	58
La.	New Orleans <sup>2,4</sup>	46	49	51	57	65	69	67	61	63	64	72	62	48	61
Maine	Portland	25	55	60	58	56	57	62	67	64	63	59	47	55	59
Md.	Baltimore	15	52	54	55	55	58	64	67	62	63	62	53	50	59
Mass.	Boston	30	52	57	58	55	58	64	65	66	64	61	52	54	60
Mich.	Detroit	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	24	33	44	52	53	54	57	63	57	43	44	24	26	46
Minn.	Duluth	15	51	55	58	54	56	62	67	61	51	53	37	43	55
	Minneapolis														
	St. Paul	27	51	57	53	55	57	62	69	66	59	59	41	42	58
Miss.	Jackson <sup>3</sup>	7	44	43	54	61	67	62	67	67	60	59	51	47	56
Mo.	Kansas City	32	52	55	57	59	63	69	76	73	69	68	59	51	64
	St. Louis	7	51	47	51	53	62	68	70	70	64	64	53	46	58
Mont.	Great Falls	24	52	59	67	63	63	64	80	77	66	62	47	49	64
Nebr.	Omaha	30	55	54	53	58	61	66	76	71	67	69	54	49	62
Nev.	Reno	23	66	70	73	78	77	83	92	93	91	81	72	63	79
N.H.	Concord	24	49	53	51	50	53	58	61	58	54	54	42	48	53
N.J.	Atlantic City	5	57	52	56	55	60	63	63	62	62	66	59	49	59
N. Mex.	Albuquerque	26	71	73	73	76	80	84	76	76	81	80	78	71	77
N.Y.	Albany	27	45	51	53	52	56	61	64	61	58	55	39	39	54
	Buffalo	22	34	40	47	51	60	67	70	66	62	55	31	30	53
	New York <sup>2</sup>	89	50	55	57	59	62	65	66	64	63	61	53	50	60
N.C.	Charlotte	15	55	57	59	68	69	69	68	71	68	72	63	60	65
	Raleigh	11	58	57	61	62	61	59	63	62	60	64	62	58	60
N. Dak.	Bismarck	26	55	56	58	58	61	63	76	73	64	62	46	48	61
Ohio	Cincinnati <sup>2</sup>	50	42	45	50	56	62	68	71	68	68	60	47	40	58
	Cleveland	24	30	35	45	52	60	66	68	65	60	55	33	29	52
	Columbus	14	39	42	45	53	62	67	69	69	69	62	45	34	57
Okla.	Oklahoma City	13	59	60	63	62	64	74	77	81	74	69	62	59	68
Oreg.	Portland	16	24	32	36	46	50	47	68	60	58	38	30	22	45
Pa.	Philadelphia	23	50	54	57	57	59	64	63	61	60	60	54	51	58
	Pittsburgh	13	41	40	48	50	58	64	67	64	67	61	49	38	55
R.I.	Providence	12	56	56	58	55	61	61	61	58	58	59	53	54	58
S.C.	Columbia	12	61	60	61	69	69	65	65	70	64	68	64	64	65
S. Dak.	Sioux Falls <sup>1</sup>	25	54	59	55	60	63	67	77	74	67	65	52	48	63
Tenn.	Memphis	15	48	53	54	63	70	73	74	77	73	73	59	50	65
	Nashville	24	40	47	50	59	62	68	64	66	65	65	52	41	58
Tex.	Dallas	25	50	52	57	57	61	73	78	77	72	67	62	55	66
	El Paso	23	77	81	83	86	89	89	78	81	82	84	83	77	83
	Houston	4	53	57	59	60	67	75	80	78	68	77	63	54	66
Utah	Salt Lake City	28	47	53	62	66	72	78	83	82	83	74	55	45	69
Vt.	Burlington	22	39	46	51	47	55	60	62	60	55	49	30	32	51
Va.	Norfolk	12	58	56	60	64	66	65	63	62	63	61	62	58	61
	Richmond	15	51	53	57	61	64	66	67	64	64	62	55	52	60
Wash.	Seattle <sup>2,3</sup>	31	28	34	42	47	52	49	63	56	53	37	28	23	45
	Spokane	18	27	39	54	62	62	67	81	76	71	52	29	20	57
W. Va.	Charleston <sup>1</sup>	68	31	36	42	49	56	60	62	67	60	54	37	29	48
Wis.	Milwaukee	25	43	44	49	54	59	64	71	67	61	58	43	40	56
Wyo.	Cheyenne	30	62	64	64	59	57	65	69	67	69	70	62	59	64
P.R.	San Juan	10	66	69	72	65	60	55	63	64	53	63	61	59	62

<sup>1</sup> Data not available; figures are for a nearby station.<sup>2</sup> City office data.<sup>3</sup> Record through 1964.<sup>4</sup> Record through 1963.Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



## No. 279. AVERAGE RELATIVE HUMIDITY,

[Airport data except as noted. Eastern standard time. For period of record through 1965, except as noted.  
Relative humidity observations were

STATION		Length of rec- ord (yrs.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.
Ala.	Mobile	3	81	62	78	55	82	57	89	55	90	51	90	57
Alaska	Juneau	22	80	80	82	81	83	77	86	73	88	72	88	74
Ariz.	Phoenix	5	62	44	58	38	56	34	45	25	36	18	36	18
Ark.	Little Rock	5	81	57	80	56	79	56	82	54	87	56	87	55
Calif.	Los Angeles <sup>1</sup>	2 17/23	63	45	71	47	74	47	78	50	81	52	85	54
	Sacramento	5	92	90	86	79	84	70	85	63	84	55	79	49
	San Francisco <sup>3</sup>	23	87	78	86	75	84	69	86	69	87	67	88	66
Colo.	Denver	5	60	44	67	47	69	45	62	34	67	37	72	40
Conn.	Hartford	6	75	59	75	57	74	54	71	45	74	45	78	50
Del.	Wilmington	18	76	62	76	60	75	54	74	51	77	53	78	53
D.C.	Washington	5	69	54	69	56	69	48	69	48	71	48	76	52
Fla.	Jacksonville	29	88	56	86	52	85	49	84	47	82	48	85	55
	Miami	22	86	56	86	57	83	56	80	56	81	59	84	64
Ga.	Atlanta	5	77	58	77	58	79	55	81	55	83	54	88	62
Hawaii	Honolulu <sup>3</sup>	16	80	80	78	78	77	75	75	71	75	69	74	68
Idaho	Boise	26	82	75	82	70	75	56	72	48	72	48	70	44
Ill.	Chicago <sup>3</sup>	20	80	70	80	68	78	61	75	53	74	53	76	53
	Peoria	6	78	69	81	68	85	69	80	59	82	59	82	56
Ind.	Indianapolis	6	80	68	80	67	81	68	78	57	84	59	84	56
Iowa	Des Moines	4	81	72	86	75	86	71	83	61	83	61	85	60
Kans.	Wichita	12	80	63	81	61	77	53	78	51	83	55	85	55
Ky.	Louisville	5	79	65	79	63	78	64	75	52	86	56	87	60
La.	New Orleans	17	87	66	86	64	85	60	88	60	89	59	90	63
Maine	Portland	25	79	64	79	61	76	59	75	56	75	57	77	59
Md.	Baltimore	12	74	58	75	58	73	51	73	50	76	51	78	53
Mass.	Boston	12	69	58	71	59	69	56	69	54	68	54	70	55
Mich.	Detroit	2 32/28	80	70	80	67	79	61	75	53	72	52	74	53
	Sault Ste. Marie	24	84	77	84	74	85	68	81	61	80	57	85	62
Minn.	Duluth	4	74	64	74	62	77	60	77	57	77	56	81	59
	Minneapolis-St. Paul	6	76	68	78	67	80	67	80	58	79	57	82	55
Miss.	Jackson <sup>3</sup>	7	83	61	84	61	82	55	86	54	88	55	90	58
Mo.	Kansas City	5	71	58	72	58	74	56	71	50	76	53	81	60
	St. Louis	5	77	60	74	56	76	57	71	50	77	54	81	56
Mont.	Great Falls	4	67	62	67	60	68	57	71	51	72	49	74	47
Nebr.	Omaha <sup>3</sup>	8	78	66	81	66	79	60	75	47	78	52	82	55
Nev.	Reno <sup>3</sup>	24	81	67	80	61	76	46	73	37	75	35	75	31
N.H.	Concord	23	78	59	77	56	76	53	74	48	74	47	77	50
N.J.	Atlantic City	5	77	58	77	58	77	52	73	46	77	49	81	53
N. Mex.	Albuquerque	5	66	49	67	47	54	33	47	26	43	23	43	23
N.Y.	Albany	18	78	65	78	62	77	57	73	50	73	50	76	51
	Buffalo	5	74	71	76	69	79	69	77	62	76	55	77	58
	New York <sup>1</sup>	46	68	60	68	59	67	55	68	53	71	53	74	55
N.C.	Charlotte	5	78	53	79	55	82	53	81	49	84	50	89	59
	Raleigh	19	81	56	81	54	79	49	79	46	82	51	84	53
N. Dak.	Bismarck	6	70	64	76	69	78	64	78	51	78	50	82	53
Ohio	Cincinnati <sup>1 4</sup>	14	81	69	80	64	77	57	75	53	78	52	81	54
	Cleveland	5	77	70	80	71	81	69	77	60	77	55	80	58
	Columbus	6	76	66	79	67	76	62	77	54	80	55	81	53
Okla.	Oklahoma City	11	81	63	81	61	77	54	78	52	85	59	87	59
Oreg.	Portland	25	86	81	87	80	87	71	87	68	86	67	85	66
Pa.	Philadelphia	6	75	60	73	59	73	55	77	50	77	52	75	53
	Pittsburgh	6	77	66	77	66	78	62	75	54	77	51	82	54
R.I.	Providence <sup>3</sup>	9	70	57	73	57	71	52	72	52	71	53	77	56
S.C.	Columbia	18	85	54	85	52	83	49	81	45	82	46	83	49
S. Dak.	Sioux Falls <sup>3</sup>	15	71	63	75	64	78	65	77	48	78	50	83	54
Tenn.	Memphis	26	81	65	81	62	79	57	80	54	82	55	84	56
	Nashville	25	83	67	83	62	81	57	81	50	84	53	84	53
Tex.	Dallas	6	76	58	76	56	75	54	79	54	84	59	83	57
	El Paso	5	60	42	51	35	46	31	31	20	34	20	39	23
	Houston	5	84	65	86	62	86	60	89	62	92	60	92	61
Utah	Salt Lake City	6	80	72	80	67	73	52	68	45	65	37	62	32
Vt.	Burlington	22	79	67	77	65	76	60	74	54	72	53	76	55
Va.	Norfolk	17	77	60	77	58	74	54	74	51	78	56	79	57
	Richmond	31	81	57	80	53	78	48	75	46	78	49	81	53
Wash.	Seattle-Tacoma	6	81	81	81	78	82	75	86	74	85	71	83	67
	Spokane	6	83	82	82	78	77	66	77	58	78	53	72	46
W. Va.	Charleston	18	77	62	77	59	74	54	75	48	82	50	86	55
Wis.	Milwaukee	5	76	68	77	68	84	71	78	60	78	60	81	59
Wyo.	Cheyenne	6	55	46	63	49	67	50	66	41	70	40	73	43
P.R.	San Juan	10	86	66	84	63	82	60	80	65	82	67	82	68

<sup>1</sup> City office data. <sup>2</sup> Slash numbers represent AM/PM.

<sup>3</sup> Record through 1964. <sup>4</sup> Record through 1961.

## PERCENT—SELECTED CITIES

Hours selected to give, for most of country, approximation of average highest and average lowest humidity values. made on the half-hour prior to 1957]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	
91	64	93	61	87	59	82	48	84	57	82	61	86	57	Ala.... Mobile.
89	79	90	82	91	86	88	86	85	84	82	82	86	80	Alaska. Juneau.
48	28	58	36	58	35	50	27	60	39	68	49	53	32	Ariz.... Phoenix.
88	58	89	55	91	59	85	47	85	58	81	61	84	56	Ark.... Little Rock.
84	49	84	49	78	47	76	47	61	40	62	42	75	53	Calif... Los Angeles. <sup>1</sup>
77	47	78	52	78	52	80	60	87	79	92	90	84	65	Sacramento.
90	69	90	70	87	68	86	69	86	72	87	77	87	71	San Francisco. <sup>3</sup>
69	32	68	36	71	39	58	29	66	42	64	44	66	39	Colo.... Denver.
81	51	86	55	87	54	86	50	80	56	80	63	79	53	Conn... Hartford.
80	53	84	56	86	55	85	53	82	56	78	60	79	56	Del.... Wilmington.
76	51	78	53	81	55	78	48	73	51	71	57	73	52	D.C.... Washington.
86	57	90	59	91	62	90	57	89	55	88	58	87	55	Fla.... Jacksonville.
84	64	86	63	88	66	88	63	87	61	86	59	85	60	Miami.
91	66	91	61	89	59	82	47	84	54	80	59	83	57	Ga..... Atlanta.
74	69	75	70	74	70	76	72	77	73	77	76	76	73	Hawaii Honolulu. <sup>3</sup>
53	34	52	34	59	39	68	49	80	67	84	76	71	53	Idaho... Boise.
78	52	82	53	81	50	80	52	79	62	80	68	79	58	Ill..... Chicago. <sup>3</sup>
88	60	87	59	89	61	86	57	85	66	82	71	84	63	Peoria.
90	62	90	61	89	57	85	55	85	65	82	73	84	62	Ind.... Indianapolis.
86	61	87	59	89	68	81	55	81	64	81	70	84	65	Iowa... Des Moines.
80	50	79	50	81	55	81	53	79	55	80	61	80	55	Kans... Wichita.
90	60	88	55	90	59	86	52	82	62	77	64	83	59	Ky.... Louisville.
91	66	92	66	90	65	87	58	84	59	86	66	88	63	La.... New Orleans.
80	59	84	59	86	60	86	60	85	64	81	62	80	60	Maine... Portland.
81	53	84	56	86	56	83	52	78	53	76	58	78	54	Md.... Baltimore.
72	54	76	57	78	57	77	55	75	58	69	57	72	56	Mass... Boston.
75	51	81	53	83	54	82	54	80	64	80	70	78	58	Mich... Detroit.
88	61	91	62	92	67	89	66	87	76	86	79	86	67	Sault Ste. Marie.
85	59	88	64	87	66	80	57	80	69	77	71	80	62	Minn... Duluth.
86	57	87	58	89	66	83	56	82	66	78	70	82	62	Minneapolis-St. Paul.
90	57	92	56	91	58	90	54	85	55	85	61	87	57	Miss... Jackson. <sup>3</sup>
79	59	79	57	81	59	70	47	73	56	73	60	75	56	Mo.... Kansas City.
85	60	85	54	87	55	78	48	81	57	78	63	79	56	St. Louis.
68	38	63	38	71	51	57	41	60	51	66	60	67	50	Mont... Great Falls.
85	54	85	56	83	55	81	52	78	59	78	64	80	57	Nebr... Omaha. <sup>3</sup>
72	26	73	27	75	32	77	42	80	55	82	68	77	44	Nev.... Reno. <sup>3</sup>
80	50	86	52	88	53	86	51	83	59	78	59	80	53	N.H.... Concord.
83	55	87	58	87	57	85	52	83	55	78	59	80	54	N.J.... Atlantic City.
61	35	61	39	51	44	57	37	67	47	71	54	57	38	N.Mex. Albuquerque.
77	50	84	53	87	54	86	54	81	62	80	66	79	56	N.Y.... Albany.
79	55	85	62	80	59	80	59	82	67	80	72	79	63	Buffalo.
76	56	79	58	80	58	76	55	73	59	69	60	72	57	New York. <sup>1</sup>
91	59	91	58	90	56	86	46	82	51	79	55	84	54	N.C.... Charlotte.
87	56	91	57	90	58	90	53	80	51	76	54	83	53	Raleigh.
81	49	77	42	82	50	74	44	74	56	72	63	77	54	N.Dak. Bismarck.
84	54	87	52	85	50	83	52	78	58	80	66	81	57	Ohio... Cincinnati. <sup>1 4</sup>
83	56	86	61	84	59	78	56	78	64	78	71	80	62	Cleveland.
85	55	88	56	89	56	83	52	82	62	79	69	81	59	Columbus.
83	53	83	51	85	56	81	52	79	54	79	61	82	56	Okla... Oklahoma City.
84	62	85	66	88	67	91	79	89	82	88	84	87	73	Oreg... Portland.
79	54	80	56	83	57	81	50	77	55	74	59	76	55	Pa..... Philadelphia.
84	51	87	54	87	56	81	49	80	59	80	69	80	57	Pittsburgh.
80	57	82	59	84	58	83	56	78	56	73	58	76	56	R.I.... Providence. <sup>3</sup>
86	53	89	53	90	55	90	49	88	48	84	52	86	50	S.C.... Columbia.
84	52	86	53	80	50	76	50	75	56	75	64	78	56	S.Dak. Sioux Falls. <sup>3</sup>
85	57	87	55	86	53	84	50	81	55	80	62	83	57	Tenn... Memphis.
86	55	89	55	89	52	88	52	84	58	84	65	85	57	Nashville.
78	50	78	50	82	55	82	53	82	59	79	61	79	55	Tex.... Dallas.
54	40	55	39	65	50	56	33	59	40	67	49	51	35	El Paso.
91	58	92	57	90	62	88	53	86	62	86	65	89	61	Houston.
49	24	57	30	63	36	66	39	75	60	81	74	68	47	Utah... Salt Lake City.
77	54	81	56	83	59	83	59	81	68	79	68	78	60	Vt..... Burlington.
82	59	85	62	84	62	84	61	81	56	77	58	79	58	Va..... Norfolk.
85	56	88	57	89	56	89	52	84	50	81	54	82	53	Richmond.
86	66	86	72	88	76	89	81	85	82	84	84	85	76	Wash... Seattle-Tacoma.
60	38	64	46	69	48	81	68	88	83	88	86	77	63	Spokane.
89	61	92	55	90	52	88	52	79	55	78	61	82	55	W. Va. Charleston.
83	61	87	62	87	64	81	65	81	67	80	73	81	65	Wis.... Milwaukee.
70	33	66	34	69	38	57	34	57	40	58	45	64	41	Wyo.... Cheyenne.
82	67	83	67	84	68	85	67	85	66	86	67	83	66	P.R.... San Juan.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



No. 280. AVERAGE WIND SPEED—SELECTED CITIES

[In miles per hour. Airport data unless otherwise noted. For period of record through 1964]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Ala.	Mobile	16	11.4	11.7	11.8	11.0	9.3	8.1	7.4	7.3	8.8	9.0	10.4	10.9	9.7
Alaska	Juneau	21	8.4	8.5	8.9	8.8	8.1	7.8	7.7	7.5	8.0	9.5	9.1	9.4	8.5
Ariz.	Phoenix	19	4.6	5.2	6.0	6.1	6.2	6.1	6.4	5.8	5.5	5.0	4.7	4.4	5.5
Ark.	Little Rock	22	8.9	9.4	10.2	9.8	8.3	7.8	7.1	6.8	7.1	6.9	8.2	8.5	8.3
Calif.	Los Angeles <sup>1</sup>	24	6.8	6.9	7.0	6.6	6.3	5.7	5.4	5.3	5.3	5.7	6.4	6.6	6.2
	Sacramento	16	8.7	8.7	9.7	9.3	9.8	10.5	9.7	9.2	8.3	7.4	6.8	7.4	8.8
	San Francisco <sup>1</sup>	28	6.7	7.5	8.5	9.5	10.4	10.9	11.2	10.5	9.1	7.6	6.3	6.5	8.7
Colo.	Denver	16	9.8	10.0	10.5	10.8	10.0	9.6	8.9	8.6	8.5	8.5	9.4	9.7	9.5
Conn.	Hartford	10	10.2	10.2	10.8	11.0	9.9	8.7	7.8	7.8	8.0	8.5	9.2	9.1	9.3
Del.	Wilmington	16	9.6	10.2	11.2	10.4	8.7	8.2	7.5	7.2	7.8	7.9	8.9	9.0	8.9
D.C.	Washington	16	10.3	10.7	11.5	10.9	9.5	9.0	8.4	8.3	8.6	8.8	9.3	9.4	9.5
Fla.	Jacksonville	15	8.5	9.9	9.7	9.5	9.0	8.7	8.0	7.6	9.1	9.1	8.6	8.4	8.8
	Miami	15	9.2	9.8	10.1	10.5	9.1	8.0	7.9	7.3	8.1	9.0	9.0	8.4	8.9
Ga.	Atlanta	26	11.1	11.5	11.5	10.6	8.9	8.2	7.6	7.3	8.3	8.5	9.4	10.1	9.4
Hawaii	Honolulu	15	10.3	10.7	11.4	11.9	12.7	12.9	13.5	13.6	11.7	10.8	11.2	10.8	11.8
Idaho	Boise	25	8.6	9.6	10.6	10.3	9.6	9.2	8.6	8.3	8.4	8.8	8.7	8.4	9.1
Ill.	Chicago	22	11.3	11.4	11.7	11.6	10.2	9.0	7.9	7.7	8.7	9.5	11.4	11.1	10.1
	Peoria	21	11.2	11.7	12.5	12.5	10.7	9.2	8.2	8.1	9.0	9.6	11.6	11.0	10.4
Ind.	Indianapolis	16	11.7	11.6	12.6	12.2	10.3	8.6	7.7	7.4	8.4	9.4	11.4	11.0	10.2
Iowa	Des Moines	15	11.9	12.0	13.7	14.0	12.1	10.8	9.2	9.0	10.1	10.9	12.7	12.2	11.5
Kans.	Wichita	11	12.9	13.4	14.7	14.8	13.8	12.7	11.4	11.8	12.2	12.4	13.0	12.4	13.0
Ky.	Louisville	17	9.7	9.7	10.5	10.2	8.0	7.1	6.5	6.0	6.8	6.9	9.0	9.1	8.3
La.	New Orleans	16	9.8	10.3	10.4	9.8	8.3	7.1	6.5	6.3	7.8	7.9	9.3	9.5	8.6
Maine	Portland	24	9.5	9.7	10.3	10.2	9.3	8.3	7.7	7.6	8.0	8.8	9.1	9.2	9.0
Md.	Baltimore	14	10.5	11.1	12.0	11.8	10.2	9.5	8.9	9.0	9.1	9.7	9.9	9.8	10.1
Mass.	Boston	7	14.7	14.7	14.7	13.6	12.5	11.9	11.0	11.1	11.7	12.7	13.5	14.2	13.0
Mich.	Detroit	31	11.5	11.4	11.5	11.1	9.8	9.0	8.2	8.0	8.9	9.4	11.4	11.3	10.1
	Sault Ste. Marie	23	10.2	10.2	10.7	11.2	10.5	9.1	8.4	8.3	9.3	9.7	10.5	10.4	9.9
Minn.	Duluth	15	12.5	12.7	13.0	14.4	13.1	11.2	10.3	10.3	11.5	12.0	13.2	12.1	12.2
	Minneapolis-														
	St. Paul	26	10.5	10.8	11.4	12.7	11.8	11.0	9.3	9.2	10.2	10.5	11.4	10.6	10.8
Miss.	Jackson	7	7.7	8.0	8.2	7.7	6.2	5.4	4.9	4.6	5.6	5.3	6.8	7.1	6.5
Mo.	Kansas City	25	9.9	10.3	11.7	11.6	10.5	10.1	8.9	8.9	9.2	9.0	10.5	10.0	10.0
	St. Louis	15	10.2	10.7	11.9	11.6	9.7	8.3	7.5	7.1	7.8	8.1	9.9	10.2	9.4
Mont.	Great Falls	23	16.8	15.7	14.0	13.8	11.9	11.9	10.7	10.9	12.1	14.2	16.0	16.8	13.7
Nebr.	Omaha	29	11.4	11.7	13.1	13.6	11.8	10.9	9.4	9.5	10.1	10.3	11.6	11.2	11.2
Nev.	Reno	22	6.0	6.3	7.7	7.9	7.7	7.3	6.5	6.2	5.5	5.4	5.2	5.0	6.4
N.H.	Concord	23	7.3	7.9	8.2	7.8	7.0	6.4	5.5	5.2	5.4	5.9	6.6	6.9	6.7
N.J.	Atlantic City	6	12.8	12.3	12.9	12.6	10.9	9.8	9.5	8.7	10.1	10.6	11.8	11.7	11.1
N. Mex.	Albuquerque	25	7.9	8.7	10.0	10.9	10.3	9.7	9.0	7.9	8.3	8.0	7.7	7.3	8.8
N.Y.	Albany	26	9.7	10.4	10.5	10.5	9.0	8.1	7.3	6.9	7.3	7.9	8.8	8.9	8.8
	Buffalo	25	14.8	14.5	14.4	13.5	12.3	11.6	10.9	10.5	11.1	11.7	13.5	14.0	12.7
	New York <sup>1</sup>	45	11.0	11.1	11.3	10.7	9.0	8.3	7.8	7.8	8.3	9.2	10.2	10.5	9.6
N.C.	Charlotte	15	8.2	8.5	9.1	9.3	7.6	7.5	6.7	6.7	7.2	7.3	7.5	7.4	7.7
	Raleigh	15	8.3	8.8	9.4	9.3	7.5	6.8	6.6	6.5	6.9	7.1	7.6	7.7	7.7
N. Dak.	Bismarck	25	10.2	10.2	11.5	12.9	12.6	11.5	9.8	10.1	10.7	10.3	10.9	9.8	10.9
Ohio	Cincinnati <sup>1</sup>	43	8.3	8.4	9.0	8.4	6.7	6.4	5.2	5.1	5.4	6.1	7.7	7.9	7.1
	Cleveland	23	12.5	12.6	13.0	12.3	10.8	9.6	8.9	8.6	9.4	10.2	12.5	12.5	11.1
	Columbus	15	9.8	9.9	10.6	10.0	8.2	6.9	6.1	5.8	6.4	7.1	9.2	9.2	8.3
Okla.	Oklahoma City	16	14.6	14.7	16.1	16.0	14.4	13.7	12.1	11.6	12.3	12.9	13.5	13.7	13.8
Oreg.	Portland	16	10.1	8.8	8.5	7.3	6.7	6.7	7.4	6.8	6.0	6.4	8.3	9.5	7.7
Pa.	Philadelphia	24	10.2	11.0	11.5	11.1	9.6	8.8	8.1	7.7	8.2	8.8	9.5	9.9	9.5
	Pittsburgh	12	10.7	10.8	11.4	10.9	9.4	8.2	7.6	7.4	7.9	8.4	10.1	10.6	9.5
R.I.	Providence	11	11.9	11.9	12.7	13.1	11.6	10.6	10.0	9.9	10.2	10.3	11.0	11.1	11.2
S.C.	Columbia	16	7.1	7.6	8.5	8.7	6.9	6.8	6.7	6.0	6.3	6.0	6.4	6.5	7.0
S. Dak.	Sioux Falls	16	10.9	11.0	12.4	13.3	12.0	10.6	9.5	9.3	10.2	10.5	11.8	10.7	11.0
Tenn.	Memphis	16	10.9	10.8	11.5	11.0	9.1	8.1	7.6	7.0	7.7	7.9	9.5	10.1	9.3
	Nashville	23	8.9	9.1	9.8	9.2	7.3	6.7	6.1	5.8	6.1	6.1	8.1	8.4	7.6
Tex.	Dallas	24	10.4	11.2	12.8	13.3	12.4	12.2	10.2	9.8	9.4	9.3	10.2	10.3	10.9
	El Paso	22	10.0	11.0	12.9	12.8	11.8	10.8	10.9	9.1	8.9	8.7	9.4	9.3	10.4
	Houston	16	12.2	12.2	12.9	13.4	11.8	10.4	9.0	8.6	9.3	10.0	11.6	11.4	11.1
Utah	Salt Lake City	35	7.5	8.2	9.3	9.5	9.5	9.4	9.5	9.7	9.1	8.6	7.7	7.4	8.8
Vt.	Burlington	21	9.9	9.6	9.4	9.6	9.1	8.4	7.8	7.5	8.3	8.6	9.7	10.0	9.0
Va.	Norfolk	16	11.6	12.0	12.5	11.9	9.8	9.1	8.5	8.7	9.7	10.5	10.8	10.9	10.5
	Richmond	16	8.1	8.5	9.1	9.1	7.8	7.3	7.0	6.7	7.0	7.1	7.6	7.5	7.7
Wash.	Seattle	16	10.8	10.9	11.4	11.0	10.2	9.9	9.3	8.9	9.1	9.8	10.2	10.8	10.2
	Spokane	17	8.0	8.8	9.5	9.5	8.4	8.5	7.9	7.8	7.7	7.7	7.9	8.3	8.3
W. Va.	Charleston	17	7.7	7.9	8.8	8.1	6.4	5.6	5.2	4.5	4.9	5.2	7.0	7.2	6.5
Wis.	Milwaukee	24	13.0	13.0	13.7	13.6	12.5	10.6	9.7	9.7	11.0	11.6	13.3	12.9	12.1
Wyo.	Cheyenne	29	14.7	14.9	14.7	14.0	12.2	11.3	9.9	10.0	10.7	11.5	13.9	14.7	12.7
P.R.	San Juan	9	8.4	8.7	9.1	8.7	8.1	8.5	9.5	8.7	7.3	6.4	7.2	8.1	8.2

<sup>1</sup> City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.



# No. 281. NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE—SELECTED CITIES

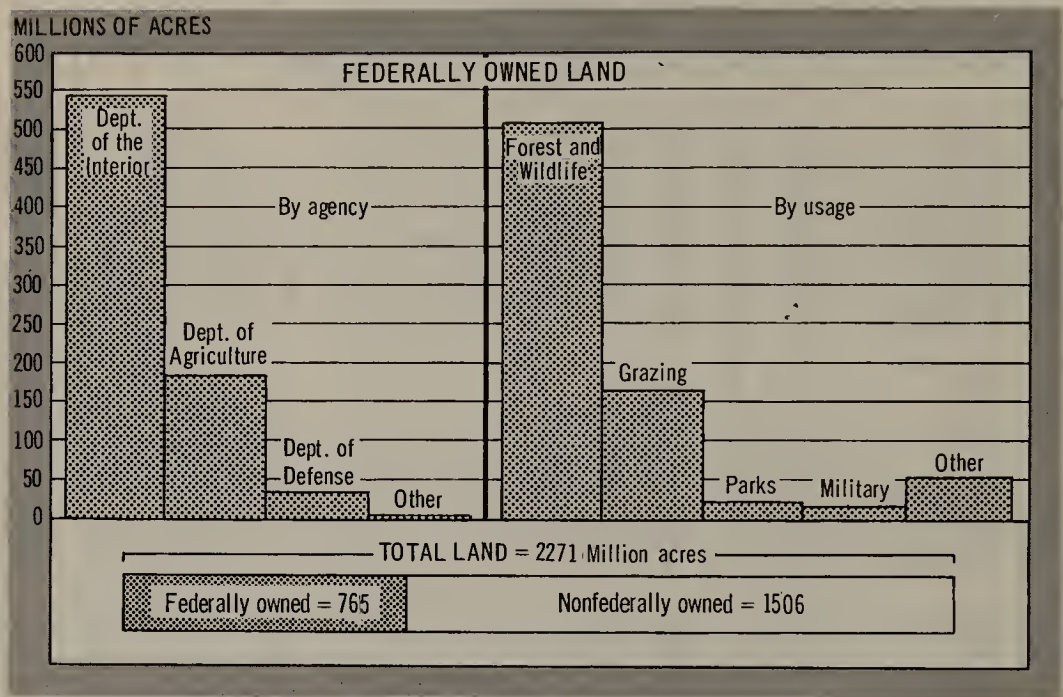
[Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960. For definition of "degree day," see text, p. 172]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala..... Mobile.....	415	300	211	42	-	-	-	-	-	22	213	357	1,560
Alaska.. Juneau.....	1,237	1,070	1,073	810	601	381	301	338	483	725	921	1,135	9,075
Ariz..... Phoenix.....	474	328	217	75	-	-	-	-	-	22	234	415	1,765
Ark..... Little Rock.....	756	577	434	126	9	-	-	-	9	127	465	716	3,219
Calif.... Los Angeles <sup>1</sup> .....	310	230	202	123	68	18	-	-	6	31	132	229	1,349
Sacramento.....	614	442	360	216	102	6	-	-	12	81	363	577	2,773
San Francisco <sup>1</sup> .....	443	336	319	279	239	180	192	174	102	118	231	388	3,001
Colo.... Denver.....	1,132	938	887	558	288	66	6	9	117	428	819	1,035	6,283
Conn.... Hartford.....	1,209	1,061	899	495	177	24	-	6	99	372	711	1,119	6,172
Del..... Wilmington.....	980	874	735	387	112	6	-	-	51	270	588	927	4,930
D.C..... Washington.....	871	762	626	288	74	-	-	-	33	217	519	834	4,224
Fla..... Jacksonville.....	332	246	174	21	-	-	-	-	-	12	144	310	1,239
Miami.....	74	56	19	-	-	-	-	-	-	-	-	65	214
Ga..... Atlanta.....	639	529	437	168	-	-	-	-	25	127	414	626	2,983
Hawaii.. Honolulu.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.... Boise.....	1,113	854	722	438	245	81	-	-	132	415	792	1,017	5,809
Ill..... Chicago.....	1,209	1,044	890	480	211	48	-	-	81	326	753	1,113	6,155
Peoria.....	1,218	1,025	849	426	183	33	-	6	87	326	759	1,113	6,025
Ind..... Indianapolis.....	1,113	949	809	432	177	39	-	-	90	316	723	1,051	5,699
Iowa.... Des Moines.....	1,398	1,137	967	489	211	39	-	9	99	363	837	1,231	6,808
Kans.... Wichita.....	1,023	804	645	270	87	6	-	-	33	229	618	905	4,620
Ky..... Louisville.....	930	818	682	315	105	9	-	-	54	248	609	890	4,660
La..... New Orleans <sup>1</sup> .....	344	241	177	24	-	-	-	-	-	12	165	291	1,254
Maine.... Portland.....	1,339	1,182	1,042	675	372	111	12	53	195	508	807	1,215	7,511
Md..... Baltimore <sup>1</sup> .....	859	762	629	238	65	-	-	-	27	189	486	806	4,111
Mass.... Boston.....	1,088	972	846	513	208	36	-	9	60	316	603	983	5,634
Mich.... Detroit.....	1,181	1,058	936	522	220	42	-	-	87	360	738	1,088	6,232
Sault Ste. Marie.....	1,525	1,380	1,277	810	477	201	96	105	279	580	951	1,367	9,048
Minn.... Duluth.....	1,745	1,518	1,355	840	490	198	71	109	330	632	1,131	1,581	10,000
Minneapolis-St. Paul.....	1,631	1,380	1,166	621	288	81	22	31	189	505	1,014	1,454	8,382
Miss.... Jackson.....	547	419	308	78	-	-	-	-	59	302	490	2,203	
Mo..... Kansas City.....	1,032	818	682	294	109	-	-	-	39	220	612	905	4,711
St. Louis.....	1,026	848	704	312	121	15	-	-	60	251	627	936	4,900
Mont.... Great Falls.....	1,349	1,154	1,063	642	384	186	28	53	258	543	921	1,169	7,750
Nebr.... Omaha.....	1,324	1,078	871	405	164	30	-	6	90	326	783	1,141	6,218
Nev..... Reno.....	1,073	823	729	510	357	189	43	87	204	490	801	1,026	6,332
N.H..... Concord.....	1,358	1,184	1,032	636	298	75	6	50	177	505	822	1,240	7,383
N.J..... Atlantic City.....	936	848	741	420	133	15	-	-	39	251	549	880	4,812
N. Mex.. Albuquerque.....	930	703	595	288	81	-	-	-	12	229	642	868	4,348
N.Y..... Albany.....	1,311	1,156	992	564	239	45	-	19	138	440	777	1,194	6,875
Buffalo.....	1,256	1,145	1,039	645	329	78	19	37	141	440	777	1,156	7,062
New York <sup>1</sup> .....	986	885	760	408	118	9	-	-	30	233	540	902	4,871
N.C..... Charlotte.....	691	582	481	156	22	-	-	-	6	124	438	691	3,191
Raleigh.....	725	616	487	180	34	-	-	-	21	164	450	716	3,393
N. Dak.. Bismarck.....	1,708	1,442	1,203	645	329	117	34	28	222	577	1,083	1,463	8,851
Ohio.... Cincinnati <sup>1</sup> .....	970	837	701	336	118	9	-	-	54	248	612	921	4,806
Cleveland.....	1,159	1,047	918	552	260	66	9	25	105	384	738	1,088	6,351
Columbus.....	1,088	949	809	426	171	27	-	6	84	347	714	1,039	5,660
Okla.... Oklahoma City.....	868	664	527	189	34	-	-	-	15	164	498	766	3,725
Oreg.... Portland.....	825	644	586	396	245	105	25	28	114	335	597	735	4,635
Pa..... Philadelphia.....	1,014	890	744	390	115	12	-	-	60	291	621	964	5,101
Pittsburgh.....	1,119	1,002	874	480	195	39	-	9	105	375	726	1,063	5,987
R.I..... Providence.....	1,110	988	868	534	236	51	-	16	96	372	660	1,023	5,954
S. C.... Columbia.....	570	470	357	81	-	-	-	-	-	84	345	577	2,484
S. Dak.. Sioux Falls.....	1,544	1,285	1,082	573	270	78	19	25	168	462	972	1,361	7,839
Tenn.... Memphis.....	729	585	456	147	22	-	-	-	18	130	447	698	3,232
Nashville.....	778	644	512	189	40	-	-	-	30	158	495	732	3,578
Tex..... Dallas.....	601	440	319	90	6	-	-	-	-	62	321	524	2,363
El Paso.....	685	445	319	105	-	-	-	-	-	84	414	648	2,700
Houston.....	384	288	192	36	-	-	-	-	-	6	183	307	1,396
Utah.... Salt Lake City.....	1,172	910	763	459	233	54	-	-	81	419	849	1,082	6,052
Vt..... Burlington.....	1,513	1,333	1,187	714	353	90	28	65	207	539	891	1,349	8,269
Va..... Norfolk.....	738	655	533	216	37	-	-	-	-	136	408	698	3,421
Richmond.....	815	703	546	219	53	-	-	-	36	214	495	784	3,865
Wash.... Seattle-Takoma.....	828	678	657	474	295	159	56	62	162	391	633	750	5,145
Spokane.....	1,231	980	834	531	288	135	9	25	168	493	879	1,082	6,655
W. Va.... Charleston.....	880	770	648	300	96	9	-	-	63	254	591	865	4,476
Wis.... Milwaukee.....	1,376	1,193	1,054	642	372	135	43	47	174	471	876	1,252	7,635
Wyo.... Cheyenne.....	1,228	1,056	1,011	672	381	102	19	31	210	543	924	1,101	7,278
P.R.... San Juan <sup>1</sup> .....	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. <sup>1</sup> City office data.

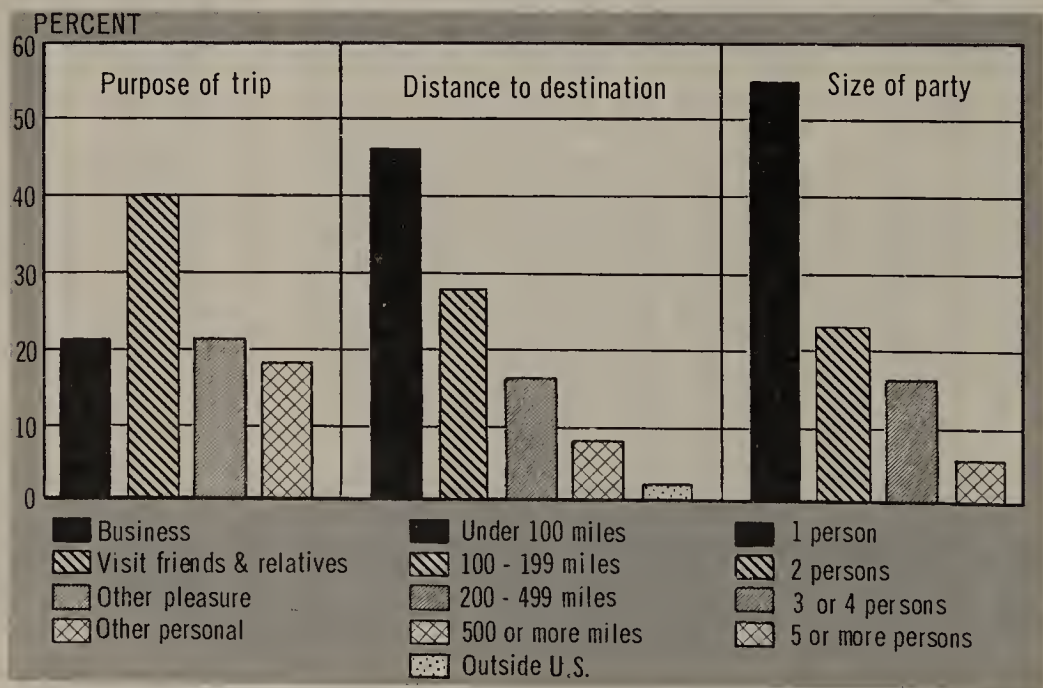
Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

FIG. XII. LAND OWNED BY THE FEDERAL GOVERNMENT: 1966  
[See tables 283, 285, and 286]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from General Services Administration.

FIG. XIII. NATIONAL TRAVEL—CHARACTERISTICS OF TRIPS: 1963  
[See table 310]



Source: Dept. of Commerce, Bureau of the Census.



## Section 7

### Public Lands, Parks, Recreation, and Travel

Statistics in this section relate to the Federal public domain and other Federally owned and leased real property, Indian lands, national parks and forests, State and municipal parks, domestic and foreign travel, and other forms of recreation.

Data on public lands are published primarily by the Department of the Interior, Bureau of Land Management, in *Public Land Statistics*. Data on Federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World*. The Economic Research Service of the Department of Agriculture also issues statistics on land use and land ownership.

The Department of the Interior issues various reports relating to recreation, as follows: The National Park Service publishes information on national parks in its monthly report, *Public Use of National Parks*, and its annual report, *National Parks and Landmarks* (successor to *Areas Administered by the National Park Service*) which also covers sites eligible for registry as natural or national historic landmarks and non-Federally owned national historic sites. The Bureau of Outdoor Recreation, established in 1962, has issued one statistical report thus far—*State Outdoor Recreation Statistics—1962*; and the Fish and Wildlife Service compiles and releases data on sport fishing and hunting. Data for municipal parks and playgrounds, as well as for other outdoor recreational activities, are compiled by the National Recreation and Park Association, New York, which issues its *Recreation and Park Yearbook* at 5-year intervals. The Department of Agriculture's Forest Service, in its *Annual Report of the Chief*, issues data on recreational uses of the national forests. Figures on expenditures for recreation and on domestic and foreign travel, compiled by the Department of Commerce's Office of Business Economics, appear periodically in the monthly *Survey of Current Business*. Domestic travel data by volume and type were collected by the Bureau of the Census in its 1963 Census of Transportation and published in the *Passenger Transportation Survey*, Vol. I, *National Travel and Home-to-Work Travel*.

**Public-domain and acquired lands.**—The U.S. Government acquired sovereignty over its present land area through a series of international agreements and treaties. At the time of acquisition of sovereignty over the areas involved (now 2,271 million acres) title to about 463 million acres rested in individual States and their political subdivisions or in private owners, and was not relinquished to the U.S. Government. Title to the remaining land area passed to the U.S. Government. This area, except for lands in the District of Columbia, is known as the original public domain.

Public-domain lands or public lands are those Federally owned lands to which the public land laws apply. In general, these lands include that portion of the original public domain not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be public lands. In addition to the original public domain, the U.S. Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for public purposes. Such lands are referred to as acquired lands.

**Indian lands.**—Indian lands are the private landholdings of individual Indians or Indian tribes that are subject to special restrictive provisions of Federal law administered by the Bureau of Indian Affairs. They have been set aside for Indian use by treaties, congressional acts, and executive orders. Although most of these lands are in reservations for specific tribes, there are groups of scattered off-reservation allotments in individual ownership and other small tracts of land occupied by Indian groups. Recreational facilities are increasingly being located and operated by Indians on Indian reservations.



**Entries, selections, patents, and certifications.**—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed. Some types of applications, however, are not reported until the final certificate is issued. Applications become final entries (perfected entries) upon issuance of a final certificate to the applicant after he has complied fully with the requirements of the laws relating to his application. A final certificate passes equitable title to the land to the applicant. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 282. AREA AND ACQUISITION OF THE PUBLIC DOMAIN: 1781 TO 1965

[In thousands of acres. Areas of acquisitions are as computed in 1912; hence do not agree with figures in square miles shown in table 250, which includes later adjustments and reflects subsequent remeasurement. See also *Historical Statistics, Colonial Times to 1957*, series J 3-9]

YEAR	Estimated area <sup>1</sup>	YEAR	Estimated area <sup>1</sup>
1802.....	200,000	1959.....	771,000
1850.....	1,200,000	1960.....	772,000
1880.....	900,000	1961.....	768,000
1912.....	600,000	1962.....	771,000
1946.....	413,000	1963.....	770,000
1950.....	412,000	1964.....	771,000
1955.....	411,000	1965.....	766,000
1958.....	410,000		

YEAR AND ACQUISITION	Total	Land	Inland water
Aggregate.....	1,837,763	1,807,682	30,081
1781-1802 (State Cessions).....	236,826	233,416	3,410
1803, Louisiana Purchase <sup>2</sup> .....	529,912	523,446	6,465
1819, Cession from Spain.....	46,145	43,343	<sup>3</sup> 2,802
Red River Basin <sup>4</sup> .....	29,602	29,067	535
1846, Oregon Compromise.....	183,386	180,644	2,742
1848, Mexican Cession <sup>2</sup> .....	338,681	334,479	4,202
1850, Purchase from Texas.....	78,927	78,843	84
1853, Gadsden Purchase.....	18,989	18,962	27
1867, Alaska Purchase.....	375,296	365,482	9,814

<sup>1</sup> Comprises original public domain plus acquired lands. Estimated from imperfect data available for inland years. Prior to 1959, excludes Alaska.

<sup>2</sup> Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.

<sup>3</sup> Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public-domain State.

<sup>4</sup> Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and exact date of its acquisition. Some hold it as part of Louisiana Purchase; others maintain it was acquired from Great Britain.

Source: Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

**No. 283. TOTAL LAND AND FEDERALLY OWNED LAND AND BUILDINGS, 1955 TO 1966,  
AND BY STATES, 1966**

[Land in thousands of acres; cost in millions of dollars. As of June 30]

STATE	LAND							FEDERALLY OWNED BUILDINGS	
	Total	Not owned by Federal Government	Owned by Federal Government					Number	Cost
			Total <sup>1</sup>		Public domain	Acquired by other methods	Cost <sup>2</sup>		
			Acres	Percent					
1955 <sup>3</sup>	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,369	384,916	14,475
1960	2,273,407	1,501,894	771,512	33.9	720,004	51,508	2,956	405,443	19,916
1962	2,271,343	1,500,547	770,797	33.9	719,373	51,424	3,462	421,727	21,870
1963	2,271,343	1,501,440	769,903	33.9	718,115	51,788	3,765	429,103	22,488
1964	2,271,343	1,500,829	770,514	33.9	717,944	52,570	3,980	425,790	23,244
1965	2,271,343	1,505,546	765,797	33.7	712,525	53,272	4,128	426,863	24,368
1966									
Total	2,271,343	1,506,581	764,762	33.7	710,821	53,941	4,393	423,634	25,529
Ala.	32,678	31,590	1,088	3.3	28	1,060	57	8,492	501
Alaska	365,482	7,432	358,049	98.0	358,032	17	3	8,662	1,003
Ariz.	72,688	40,237	32,451	44.6	32,149	302	14	10,634	337
Ark.	33,599	30,473	3,127	9.3	1,074	2,053	107	4,692	217
Calif.	100,207	55,840	44,367	44.3	42,120	2,247	363	59,753	2,916
Colo.	66,486	42,447	24,038	36.2	23,054	985	41	7,253	502
Conn.	3,135	3,126	10	0.3	-	10	31	2,056	175
Del.	1,266	1,230	36	2.9	-	36	6	895	74
D.C.	39	28	11	28.3	-	11	125	1,952	731
Fla.	34,721	31,352	3,370	9.7	323	3,047	112	13,479	745
Ga.	37,295	35,248	2,048	5.5	-	2,048	111	13,969	557
Hawaii	4,106	3,708	398	9.7	-	398	26	11,993	493
Idaho	52,933	18,917	34,016	64.3	33,246	770	35	4,699	199
Ill.	35,795	35,311	484	1.4	(Z)	483	82	7,393	742
Ind.	23,158	22,762	396	1.7	(Z)	396	60	6,126	314
Iowa	35,860	35,669	192	0.5	(Z)	191	34	2,260	150
Kans.	52,511	51,868	643	1.2	27	616	170	8,353	448
Ky.	25,512	24,379	1,133	4.4	-	1,133	213	8,012	477
La.	28,868	27,827	1,040	3.6	21	1,020	55	5,297	308
Maine	19,848	19,719	128	0.6	-	128	8	3,647	252
Md.	6,319	6,132	187	3.0	-	187	50	12,034	1,073
Mass.	5,035	4,964	71	1.4	-	71	75	6,688	551
Mich.	36,492	33,215	3,277	9.0	299	2,978	25	6,878	387
Minn.	51,206	47,834	3,372	6.6	1,395	1,977	24	2,520	144
Miss.	30,223	28,668	1,555	5.1	6	1,549	59	4,938	212
Mo.	44,248	42,487	1,761	4.0	3	1,758	82	7,449	516
Mont.	93,271	65,632	27,639	29.6	25,193	2,446	34	6,305	175
Nebr.	49,032	48,307	724	1.5	252	472	44	3,946	270
Nev.	70,264	9,293	60,971	86.8	60,812	159	6	5,584	172
N.H.	5,769	5,064	705	12.2	-	705	25	1,039	65
N.J.	4,813	4,709	105	2.2	-	105	42	8,889	567
N. Mex.	77,766	51,040	26,727	34.4	25,026	1,700	27	12,021	588
N.Y.	30,681	30,449	232	0.8	-	232	127	11,016	1,146
N.C.	31,403	29,476	1,927	6.1	-	1,927	70	16,222	495
N. Dak.	44,452	42,369	2,084	4.7	209	1,875	98	3,424	190
Ohio	26,222	25,991	231	0.9	(Z)	231	108	5,311	941
Okl.	44,088	42,703	1,385	3.1	160	1,225	264	7,069	323
Oreg.	61,599	29,414	32,185	52.2	30,733	1,451	237	5,534	129
Pa.	28,804	28,224	581	2.0	-	581	181	6,525	640
R.I.	677	670	8	1.1	-	8	8	2,691	156
S.C.	19,374	18,245	1,129	5.8	-	1,129	74	9,027	599
S. Dak.	48,882	45,481	3,401	7.0	1,610	1,792	132	3,620	171
Tenn.	26,728	25,101	1,626	6.1	-	1,626	249	6,149	775
Tex.	168,218	165,260	2,957	1.8	-	2,957	232	28,294	1,360
Utah	52,697	17,516	35,181	66.8	34,686	495	21	4,703	262
Vt.	5,937	5,680	256	4.3	-	256	11	336	19
Va.	25,496	23,335	2,161	8.5	-	2,161	128	19,335	1,281
Wash.	42,694	30,140	12,554	29.4	11,089	1,465	168	17,941	855
W. Va.	15,411	14,448	963	6.2	-	963	55	1,217	73
Wis.	35,011	33,229	1,782	5.1	10	1,772	18	4,091	158
Wyo.	62,343	32,339	30,004	48.1	29,266	739	65	3,221	95

- Represents zero. Z Less than 500. <sup>1</sup> Excludes trust properties.

<sup>2</sup> Excludes valuation for public-domain lands for which there are no costs.

<sup>3</sup> Excludes Alaska and Hawaii.

Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

No. 284. OWNERSHIP OF LAND, BY CLASS: 1954, 1959, AND 1964

[Land in millions of acres. See also *Historical Statistics, Colonial Times to 1957*, series J 65 and J 75]

CLASSES	1954		1959		1964	
	Land	Percent	Land	Percent	Land	Percent
Total.....	2, 273	100. 0	2, 271	100. 0	2, 271	100. 0
Private land <sup>1</sup> .....	1, 335	58. 7	1, 332	58. 7	1, 335	58. 8
Indian land <sup>2</sup> .....	53	2. 3	53	2. 3	50	2. 2
Public land.....	885	39. 0	886	39. 0	886	39. 0
Federal land <sup>3</sup> .....	766	33. 7	765	33. 7	765	33. 7
State land <sup>4</sup> .....	101	4. 5	103	4. 5	102	4. 5
County and municipal land.....	18	0. 8	18	0. 8	19	0. 8

<sup>1</sup> Land owned by individuals, partnerships, and corporations.  
<sup>2</sup> Trust land held by tribes and individual owners exclusive of Federally owned land used by Indians.  
<sup>3</sup> Gross acreage of Federal holdings including highway and road rights-of-way in Federal areas.  
<sup>4</sup> Includes the major part of highway and road rights-of-way through predominantly private land areas.  
Source: Dept. of Agriculture, Economic Research Service; *Major Uses of Land and Water in the United States*, July 1962, and unpublished data.

No. 285. FEDERAL LAND, BUILDINGS, AND COST, BY AGENCY: 1960 AND 1966

[As of June 30]

AGENCY	LAND (1,000 acres)		NUMBER OF BUILDINGS		FLOOR AREA OF BUILDINGS (1,000 sq. ft.)		TOTAL COST— LAND, BUILDINGS, STRUCTURES, AND FACILITIES (mil. dol.)	
	1960	1966	1960	1966	1960	1966	1960	1966
Total.....	772, 048	765, 291	(NA)	(NA)	1 2, 445, 162	(NA)	52, 618	69, 357
Outside U.S.....	536	529	(NA)	(NA)	1 30, 240	(NA)	6, 363	6, 976
Inside U.S.....	771, 512	764, 762	405, 443	423, 634	2, 414, 922	2, 496, 057	46, 255	62, 381
Agriculture.....	186, 020	186, 886	23, 147	21, 708	20, 207	24, 864	1, 059	1, 892
Atomic Energy Commission.....	2, 088	2, 152	7, 026	6, 996	73, 115	81, 035	3, 141	3, 890
Commerce.....	8	9	902	828	10, 149	8, 512	175	180
Defense.....	29, 714	30, 473	320, 097	330, 013	1, 928, 832	1, 891, 531	31, 298	40, 282
Army.....	8, 529	11, 452	141, 639	135, 568	790, 054	748, 816	8, 861	9, 718
Air Force.....	12, 464	8, 628	93, 353	107, 579	564, 351	584, 664	9, 562	14, 034
Navy.....	3, 548	3, 657	79, 909	80, 833	563, 129	547, 454	8, 073	8, 814
Corps of Engineers, civil functions.....	5, 173	6, 735	5, 196	6, 033	11, 298	10, 598	4, 802	7, 717
Federal Aviation Agency.....	113	62	1, 742	6, 196	4, 244	8, 088	187	464
General Services Administration.....	18	16	2, 175	2, 971	120, 571	185, 681	1, 295	2, 353
Housing and Urban Development <sup>2</sup> .....	1	(Z)	297	10	1, 105	60	17	3
Interior.....	552, 613	544, 084	30, 407	35, 256	40, 903	51, 087	4, 557	6, 407
National Aeronautics and Space Administration.....	5	135	309	1, 415	5, 502	25, 134	323	1, 496
Post Office.....	2	1	3, 063	2, 734	46, 663	49, 464	489	537
State Dept.....	76	68	108	101	162	166	62	70
Tenn. Valley Authority.....	696	725	717	765	2, 794	3, 235	1, 753	2, 292
Treasury.....	85	62	3, 960	3, 782	13, 751	14, 457	209	288
Veterans Administration.....	29	25	7, 565	6, 453	114, 719	112, 780	1, 195	1, 477
Other.....	45	64	3, 928	4, 406	32, 204	39, 962	494	750

NA Not available. Z Less than 500 acres.  
<sup>1</sup> Excludes floor area pertaining to Dept. of Defense military functions outside United States.  
<sup>2</sup> 1960 data are for Housing and Home Finance Agency.  
Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.



**NO. 286. FEDERAL LAND, BY PREDOMINANT USAGE, BY AGENCY: 1966**  
**[In thousands of acres. As of June 30. Covers land in U.S. only]**

AGENCY	Forest and wildlife	Grazing	Military, except air-fields	Parks and historic sites	Reclamation and irrigation	Flood control and navigation	Power development and distribution	Air-fields	Other
<b>Total.....</b>	<b>507,456</b>	<b>164,389</b>	<b>15,891</b>	<b>22,983</b>	<b>7,852</b>	<b>6,914</b>	<b>1,996</b>	<b>2,031</b>	<b>35,250</b>
Agriculture.....	167,111	19,047	—	(Z)	—	—	—	—	727
Atomic Energy Commission.....	—	—	—	—	—	—	—	—	2,152
Defense.....	—	—	15,891	—	—	6,090	636	2,009	5,847
Army.....	—	—	7,540	—	—	—	—	4	3,909
Air Force.....	—	—	7,111	—	—	—	—	1,335	182
Navy.....	—	—	1,240	—	—	—	—	669	1,748
Corps of Engineers, civil functions.....	—	—	—	—	—	6,090	636	—	9
Interior.....	340,345	145,336	—	22,965	7,852	26	1,329	—	26,230
Tennessee Valley Authority.....	—	—	—	17	—	668	30	—	10
Other.....	—	6	1	—	(Z)	130	—	22	284

— Represents zero.

Z Less than 500 acres.

Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

**NO. 287. FEDERAL LAND AND BUILDINGS OWNED AND LEASED, BY LOCATION AND FUNCTION: 1966**

[As of June 30]

LOCATION AND FUNCTION	LAND (1,000 acres)			FLOOR AREA OF BUILDINGS (1,000 sq. ft.)			LEASED PROPERTY	
	Total	Federally owned	Leased	Total	Federally owned	Leased	Number of leases	Annual rental (\$1,000)
<b>Total, worldwide.....</b>	<b>767,210</b>	<b>765,291</b>	<b>1,919</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>332,126</b>
Civil agencies.....	734,872	734,722	150	779,378	638,081	141,297	54,431	273,885
Defense:								
Military functions.....	25,596	23,834	1,762	(NA)	(NA)	(NA)	(NA)	57,636
Civil functions.....	6,742	6,735	7	10,879	10,598	281	408	605
<b>In United States.....</b>	<b>766,560</b>	<b>764,762</b>	<b>1,798</b>	<b>2,628,852</b>	<b>2,496,057</b>	<b>132,795</b>	<b>58,660</b>	<b>262,273</b>
Civil agencies.....	734,432	734,289	143	729,937	604,526	125,411	48,011	244,765
Defense:								
Military functions.....	25,386	23,738	1,648	1,888,037	1,880,934	7,103	10,241	16,903
Civil functions.....	6,742	6,735	7	10,879	10,598	281	408	605
<b>In outlying areas of United States.....</b>	<b>526</b>	<b>524</b>	<b>2</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>920</b>
Civil agencies.....	429	428	1	16,083	15,612	471	282	905
Defense: Military functions.....	97	96	1	(NA)	(NA)	(NA)	(NA)	15
<b>In foreign countries.....</b>	<b>124</b>	<b>5</b>	<b>119</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>68,933</b>
Civil agencies.....	11	5	6	33,358	17,943	15,415	6,138	28,215
Defense: Military functions.....	113	—	113	(NA)	(NA)	(NA)	(NA)	40,718

— Represents zero. NA Not available.

Source: General Services Administration; annual reports, *Inventory Report on Real Property Leased to the United States Throughout the World* and *Inventory Report on Real Property Owned by the United States Throughout the World*.

No. 288. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1901 TO 1966

[For years ending June 30. Period figures are totals, not averages. See also *Historical Statistics, Colonial Times to 1957*, series J 11-18]

PERIOD OR YEAR	ALL ENTRIES, SELECTIONS, PATENTS, ETC. <sup>1</sup>			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS			CASH RECEIPTS		
	All original entries and se- lections <sup>2</sup>	All final entries	Patents and certifi- cations	Original entries		Final entries <sup>3</sup>	Total <sup>4</sup>	Mineral leases <sup>5</sup>	Sales of timber
				Number	Acreage				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
1901-1910-----	196,841	(NA)	(NA)	831,841	130,737	38,819	94,095	(X)	(NA)
1911-1920-----	156,402	<sup>6</sup> 9,778	<sup>6</sup> 13,327	554,026	123,826	74,316	67,023	(X)	768
1921-1930-----	61,231	45,513	66,358	172,503	53,460	40,391	104,454	76,372	7,537
1931-1940-----	19,269	14,243	18,350	44,554	15,925	13,017	57,984	44,603	4,289
1941-1945-----	404	1,057	3,350	1,233	159	764	58,428	40,761	7,439
1946-1950-----	496	436	1,726	2,456	306	157	141,464	105,446	17,498
1951-1955-----	1,101	1,029	2,081	2,259	289	220	497,482	375,223	69,511
1956-1960-----	2,075	1,353	3,547	3,899	501	222	902,014	675,178	139,121
1961-1965-----	13,643	2,054	4,186	2,145	259	118	1,296,869	967,070	192,519
1962-----	2,453	622	839	674	83	23	173,517	116,770	34,735
1963-----	880	254	754	383	46	25	530,693	469,422	33,629
1964-----	5,696	507	1,224	291	31	19	199,052	123,619	47,155
1965-----	2,403	220	769	182	22	12	234,361	160,751	44,874
1966-----	1,787	214	3,407	115	16	11	433,749	356,273	47,650

NA Not available. X Not applicable.

<sup>1</sup> Includes homesteads. <sup>2</sup> Includes some classes of final entries and patents prior to 1911.

<sup>3</sup> Excludes commuted homesteads.

<sup>4</sup> Comprises Bureau of Land Management receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For periods prior to 1901, receipts were \$340,821,000.

<sup>5</sup> Act of Feb. 25, 1920. Includes Outer Continental Shelf leases beginning 1955.

<sup>6</sup> 1920 only.

Source: Dept. of the Interior, Bureau of Land Management; *Public Land Statistics*.

No. 289. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1950 TO 1966

[Acres in thousands. As of June 30, except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1957*, series J 32-33, for oil and gas leases]

CLASS	1950		1955		1960		1966	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Mineral class.....	28,208	24,006	96,898	72,902	142,114	118,157	99,931	63,612
Leases.....	27,747	23,076	96,337	71,983	140,057	114,136	98,966	62,184
Oil and gas.....	27,300	22,872	<sup>1</sup> 95,907	<sup>1</sup> 71,696	<sup>1</sup> 139,534	<sup>1</sup> 113,667	98,168	61,270
Coal.....	383	121	307	136	294	199	417	464
Other.....	64	83	123	152	229	270	381	450
Permits.....	418	929	525	918	2,035	4,020	956	1,427
Sodium.....	72	131	119	223	986	1,999	47	88
Potash.....	270	515	283	530	825	1,649	346	724
Other.....	76	283	123	164	224	373	563	615
Licenses.....	43	2	36	2	22	1	9	1
Other classes <sup>2</sup> .....	27,477	15,301	53,438	20,920	(NA)	19,529	10,535	19,875
Leases.....	27,166	14,897	52,364	19,772	19,010	18,615	9,502	18,588
Grazing <sup>3</sup> .....	11,283	14,715	11,199	19,404	9,911	18,532	8,367	18,437
Recreation.....	18	20	12	2	61	7	323	118
Small tract.....	15,802	73	41,092	187	8,982	33	677	2
Other.....	63	89	61	179	56	43	135	31
Permits <sup>2</sup> .....	311	404	1,074	1,147	(NA)	914	1,033	1,287

NA Not available.

<sup>1</sup> Includes naval petroleum reserve: 17 leases, 9,226 acres.

<sup>2</sup> Excludes grazing licenses and permits within grazing districts.

<sup>3</sup> Beginning 1960, as of Dec. 31.

Source: Dept. of the Interior, Bureau of Land Management; *Public Land Statistics*.

# **No. 290. PUBLIC LANDS—HOMESTEAD ENTRIES, 1941 TO 1966, AND VACANT LANDS, 1940 TO 1966, BY STATES**

[Homestead entries for years ending June 30; vacant lands as of June 30. Excludes States with less than 500 acres in years specified. See text, p. 200. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry; the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data cover vacant public lands outside Alaska withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See *Historical Statistics, Colonial Times to 1957*, series J 10, for vacant lands excluding Alaska and J 17-18 for homestead entries]

ITEM AND STATE	HOMESTEAD ENTRIES (acres)				VACANT LANDS <sup>1</sup> (1,000 acres)			
	1941-1950, total	1951-1960, total	1961-1965, total	1966	1940	1950	1960	1966
<b>Total</b> .....	<sup>2</sup> 464,406	<sup>2</sup> 789,998	<sup>2</sup> 259,610	<sup>2</sup> 15,514	502,826	<sup>3</sup> 440,408	437,879	427,279
Alaska.....	231,318	571,963	249,227	15,333	323,000	270,000	270,200	263,250
Arizona.....	16,333	9,408	478	-	13,869	12,545	12,442	12,412
Arkansas.....	-	160	40	-	130	134	3	2
California.....	27,455	3,892	-	-	16,969	16,306	15,673	14,195
Colorado.....	18,036	14,452	160	-	7,937	8,070	8,090	8,048
Florida.....	-	360	40	-	14	23	1	2
Idaho.....	31,646	96,014	2,834	21	11,879	10,858	11,652	11,729
Minnesota.....	-	-	-	-	238	93	58	21
Montana.....	18,515	1,623	-	-	6,460	6,773	6,385	6,171
Nevada.....	4,126	25,798	4,704	160	51,144	47,158	46,027	46,395
New Mexico.....	15,195	3,854	1,547	-	15,695	14,503	13,129	12,948
North Dakota.....	( <sup>4</sup> )	-	-	-	108	96	79	76
Oregon.....	5,271	1,298	-	-	12,774	13,298	13,153	13,310
South Dakota.....	( <sup>4</sup> )	-	-	-	279	290	272	278
Utah.....	45,631	53,599	280	-	25,734	23,033	24,097	21,665
Washington.....	2,755	832	160	-	577	487	365	274
Wyoming.....	32,771	2,533	103	-	15,907	16,615	16,198	16,466
Other States.....	-	-	37	-	112	126	55	37
Bureau of Land Management.....	<sup>4</sup> 15,354	4,212	-	-	(X)	(X)	(X)	(X)
<b>Final entries</b> .....	<sup>5</sup> 921,108	<sup>5</sup> 442,138	<sup>5</sup> 117,821	<sup>5</sup> 10,741	(X)	(X)	(X)	(X)

- Represents zero. X Not applicable.

<sup>1</sup> Includes acreage of public lands within grazing districts, as follows (in thousands): 1940, 131,926; 1950, 134,875; 1960, 141,645; 1966, 138,614. <sup>2</sup> Original entries. <sup>3</sup> Includes 1,000 acres for Missouri.

<sup>4</sup> For States no longer having local offices, entries, if any, included with Bureau of Land Management.

<sup>5</sup> Excludes commuted homesteads and ceded Indian lands.

## **No. 291. PUBLIC AND INDIAN LAND—ENTRIES UNDER ALL ACTS, BY STATES: 1936 TO 1966**

[In acres. For years ending June 30. See text, pp. 199 and 200. See also *Historical Statistics, Colonial Times to 1957*, series J 13-15]

CLASS AND STATE	ORIGINAL ENTRIES							Final entries, 1966	Patented, 1966
	1936-1945, total	1946-1955, total	1956-1965, total	1966	1964	1965	1966		
<b>Total</b> .....	1,441,258	1,596,952	15,718,794	880,145	5,695,900	2,402,916	1,786,932	214,302	3,331,639
Public land.....	1,387,923	1,572,967	15,718,794	880,145	5,695,900	2,402,916	1,780,272	212,255	3,331,639
Indian land.....	53,334	23,984	-	-	-	-	6,660	2,047	-
All homesteads.....	871,146	618,728	760,702	46,139	31,441	22,173	15,514	33,526	29,837
Stock-raising.....	498,408	5,707	-	-	-	-	-	-	-
Other entries.....	570,112	978,223	14,958,092	834,006	5,664,459	2,380,743	1,771,418	180,776	3,301,802
Alaska.....	125,729	350,095	13,924,737	688,803	5,490,054	2,177,017	1,711,243	32,748	2,760,496
Arizona.....	106,031	95,646	312,160	23,267	14,139	16,927	27,355	5,416	6,797
California.....	299,057	171,669	69,790	5,477	4,065	2,867	714	7,473	33,462
Colorado.....	117,787	138,919	35,268	114	547	30	-	6,480	8,861
Idaho.....	79,061	252,110	323,653	15,522	40,271	24,733	17,352	34,756	36,632
Montana.....	105,548	3,326	5,140	96	66	340	-	8,704	19,758
Nevada.....	10,682	314,822	531,716	63,532	9,775	168,423	19,633	36,714	79,309
New Mexico.....	210,377	17,083	34,148	6,162	2,841	3,107	1,856	46,054	276,902
Oregon.....	59,014	24,421	22,444	163	1,234	180	1,095	4,026	29,967
Utah.....	126,780	148,369	236,912	55,427	120,763	490	793	8,531	42,609
Washington.....	4,093	5,854	141,276	13,690	5,650	430	525	124	6,404
Wyoming.....	147,904	65,928	65,110	6,900	5,051	8,372	6,366	10,856	12,002
Other States.....	49,195	8,710	16,440	992	1,444	-	-	12,420	18,440

- Represents zero.

Source of tables 290 and 291: Dept. of the Interior, Bureau of Land Management; *Public Land Statistics*.



No. 292. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE,  
BY STATES: 1900 TO 1966

[In thousands. Excludes States with less than 500 acres in years specified]

STATE	1900	1920	1940	1960 <sup>1</sup>	1966 <sup>1</sup>			
					Total	Indian		Government owned
						Trust allotted	Tribal	
Total.....	78,372	71,399	55,406	<sup>2</sup> 58,076	<sup>3</sup> 55,300	<sup>3</sup> 11,121	39,250	4,922
Alaska.....	(NA)	(NA)	(NA)	4,168	4,165	13	88	4,065
Arizona.....	15,151	18,653	19,225	21,515	19,741	260	19,391	90
California.....	406	517	667	558	544	79	464	(Z)
Colorado.....	484	469	667	752	753	5	747	1
Florida.....	23	24	61	79	79	—	79	(Z)
Idaho.....	1,365	683	818	835	830	385	404	41
Iowa.....	3	3	3	4	4	—	4	—
Kansas.....	28	273	36	29	28	26	2	(Z)
Michigan.....	8	153	27	22	21	9	8	4
Minnesota.....	1,567	1,509	653	756	764	54	681	29
Mississippi <sup>4</sup> .....	(X)	(X)	9	16	17	(Z)	16	(Z)
Montana.....	9,501	6,054	6,455	5,457	5,357	3,479	1,753	125
Nebraska.....	75	360	76	68	<sup>3</sup> 63	<sup>3</sup> 49	14	(Z)
Nevada.....	954	741	1,127	1,152	1,152	79	1,065	8
New Mexico.....	1,667	4,697	7,153	6,542	7,051	676	6,019	356
New York.....	88	88	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
North Carolina.....	98	63	57	56	57	—	56	(Z)
North Dakota.....	3,702	2,105	1,036	879	862	711	145	6
Oklahoma.....	26,397	19,552	2,844	1,855	<sup>3</sup> 1,551	<sup>3</sup> 1,461	56	33
Oregon.....	1,300	1,718	1,737	1,238	689	184	505	1
South Dakota.....	8,992	6,686	5,865	5,064	4,882	2,741	2,020	121
Utah.....	2,039	1,641	1,693	2,125	2,117	63	2,053	(Z)
Washington.....	2,334	2,719	2,740	2,591	2,493	643	1,849	(Z)
Wisconsin.....	381	590	445	422	187	84	64	39
Wyoming.....	1,810	2,102	2,013	1,890	1,888	119	1,767	1

- Represents zero. NA Not available. X Not applicable.  
Z Less than 500 acres. <sup>1</sup> Taxable lands generally excluded.  
<sup>2</sup> Includes 3,000 acres in South Carolina, not shown separately.  
<sup>3</sup> Includes taxable land as follows: 34,326 acres for Nebraska and 282,743 acres for Oklahoma.  
<sup>4</sup> Land purchased in 1939.  
<sup>5</sup> Partial jurisdiction over Indian lands transferred to State of New York.  
Source: Dept. of the Interior, Bureau of Indian Affairs; *Annual Report*, and unpublished data.

No. 293. NATIONAL PARKS, MONUMENTS, AND ALLIED AREAS: 1967

[As of January 1. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series H 455-470]

TYPE OF AREA	Number	Total acreage	TYPE OF AREA	Number	Total acreage
National Park system.....	258	27,510,216	Historic sites.....	42	8,502
Historical parks.....	13	44,418	Memorials.....	20	5,642
Military parks.....	11	31,938	Cemeteries.....	10	220
Memorial park.....	1	70,436	Seashores.....	7	345,557
National Capital Parks <sup>1</sup> .....	1	7,973	Parkways.....	5	125,231
Battlefield parks.....	4	9,268	Recreation areas.....	12	3,666,376
Other National parks.....	33	13,903,786	White House.....	1	18
Monuments.....	81	9,066,914	Lakeshores.....	2	75,721
Battlefields.....	5	4,229	Scenic Riverways.....	1	85,000
Battlefield sites.....	3	786	Parks, other.....	4	25,691
			International park.....	1	10
			Scientific Reserve.....	1	32,500

<sup>1</sup> Includes portion of Chesapeake and Ohio Canal among the 763 units administered.  
Source: Dept. of the Interior, National Park Service; *Areas Administered by the National Park Service*, 1967.

## No. 294. NATIONAL PARK SYSTEM—SUMMARY: 1950 TO 1966

[For years ending June 30, except visits are for calendar year]

ITEM	1950	1955	1960	1963	1964	1965	1966
<b>FINANCES (\$1,000)</b>							
<b>Expenditures reported</b> <sup>1</sup> -----	<b>24,051</b>	<b>35,433</b>	<b>74,216</b>	<b>112,528</b>	<b>129,536</b>	<b>131,610</b>	<b>136,443</b>
Salaries and wages-----	11,829	16,921	29,854	41,530	45,994	48,566	53,926
Improvements and maintenance <sup>2</sup> -----	2,918	3,200	4,662	7,254	8,396	8,301	9,477
Lands-----	327	1,665	1,612	5,364	14,752	10,578	8,852
Construction <sup>2</sup> -----	7,307	11,726	33,222	50,641	51,707	55,264	55,614
Other <sup>2</sup> -----	1,670	1,921	4,866	7,739	8,687	8,901	8,674
<b>Funds available for expenditures</b> -----	<b>37,447</b>	<b>53,750</b>	<b>115,711</b>	<b>180,300</b>	<b>182,563</b>	<b>183,064</b>	<b>179,799</b>
Appropriations-----	30,117	35,077	79,551	121,060	113,227	128,366	127,794
Other-----	7,330	20,673	36,160	59,240	69,336	54,698	52,005
<b>Revenue from operations</b> <sup>3</sup> -----	<b>3,528</b>	<b>4,914</b>	<b>5,685</b>	<b>6,451</b>	<b>7,086</b>	<b>7,350</b>	<b>8,079</b>
<b>VISITS (1,000)</b>							
<b>All areas</b> -----	<b>37,210</b>	<b>56,573</b>	<b>79,229</b>	<b>102,711</b>	<b>111,386</b>	<b>121,312</b>	<b>133,081</b>
Camp-use days-----	<sup>4</sup> 2,231	<sup>4</sup> 3,275	5,069	6,756	7,458	8,085	8,989
Overnight stays, commercial lodgings-----	2,270	2,165	2,637	2,994	3,179	3,314	3,580
National parks-----	16,035	25,836	34,483	42,055	42,957	36,566	38,556
National monuments-----	5,283	7,428	9,041	10,967	11,410	12,286	13,144
National historical and military areas-----	11,973	12,688	22,606	31,496	35,662	(NA)	(NA)
National parkways-----	1,996	6,700	8,983	12,523	11,478	12,977	15,925
National recreation areas-----	1,923	3,920	4,118	5,670	8,039	5,918	7,666
<b>LAND (acres)</b>							
<b>Acquisition, gross</b> -----	<b>860,418</b>	<b>12,603</b>	<b>21,422</b>	<b>53,919</b>	<b>62,575</b>	<b>318,653</b>	<b>35,016</b>
By purchase-----	1,907	3,192	5,710	4,534	13,024	41,793	16,909
By gift-----	785,178	3,295	10,300	24,815	38,817	12,716	15,216
By transfer-----	45,080	-	320	19,710	1,425	236,833	1,469
By exchange-----	28,253	6,116	5,092	4,860	9,309	27,311	1,422
<b>Exclusion</b> -----	<b>1</b>	<b>-</b>	<b>204</b>	<b>4,197</b>	<b>2 9,538</b>	<b>6 329</b>	<b>1,099</b>
<b>Acquisition, net</b> -----	<b>860,417</b>	<b>12,603</b>	<b>21,218</b>	<b>49,722</b>	<b>7 156,963</b>	<b>318,324</b>	<b>33,917</b>

- Represents zero. NA Not available.

<sup>1</sup> Excludes transfers from appropriations to other agencies. <sup>2</sup> Excludes salaries and wages.<sup>3</sup> Represents receipts deposited in treasury; not available for expenditure by National Park Service.<sup>4</sup> Includes visits to White House. <sup>5</sup> Excludes National Capital Parks.<sup>6</sup> Represents U.S. lands alienated by exchange of U.S. and private lands. <sup>7</sup> Net reductions.Source: Dept. of the Interior, National Park Service; *Campground Use in the National Park Service and Public Use of the National Parks: A Statistical Report*, and unpublished data.

## No. 295. NATIONAL FOREST RECREATION USE—SUMMARY: 1965

[Estimated. Represents recreational use of National Forest land and water which aggregates 12 person hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
<b>Sites and areas, total</b> -----	<b>160,336</b>	<b>100.0</b>	<b>Total</b> -----	<b>160,336</b>	<b>100.0</b>
<b>Developed sites, total</b> -----	<b>68,879</b>	<b>43.7</b>	<b>All types</b> -----	<b>157,752</b>	<b>100.0</b>
Observation sites-----	1,468	0.9	Camping-----	40,065	25.4
Playgrounds, parks, sports sites-----	32	(Z)	Picnicking-----	9,445	6.0
Boating sites-----	1,014	0.6	Recreation travel (mechanized)-----	29,325	18.6
Swimming sites-----	1,159	0.7	Automobile-----	26,878	17.0
Campgrounds-----	34,040	21.6	Scooter and motorcycle-----	1,479	0.9
Picnic grounds-----	5,687	3.6	Ice and other-----	969	0.6
Hotels, lodges, resorts-----	3,792	2.4	Boating-----	4,504	2.9
Organization sites-----	5,723	3.7	Games and team sports-----	17	(Z)
Commercial public service sites-----	579	0.4	Waterskiing and other water sports-----	705	0.4
Recreation residence sites-----	9,821	6.2	Swimming and scuba diving-----	3,273	2.1
Winter sports sites-----	5,482	3.5	Winter sports-----	5,836	3.7
Visitor centers-----	83	0.1	Fishing-----	16,197	10.3
<b>Dispersed areas, total</b> -----	<b>88,873</b>	<b>56.3</b>	Hunting-----	14,100	8.9
National recreation areas-----	369	0.2	Hiking and mountain climbing-----	4,086	2.6
Wildernesses and primitive areas-----	2,432	1.5	Horseback riding-----	2,242	1.4
Special interest areas <sup>1</sup> -----	1,132	0.7	Resort use-----	3,897	2.5
Roads (recreation)-----	30,104	19.1	Organization camp use-----	4,821	3.1
Trails (recreation)-----	4,024	2.6	Recreation residence use-----	9,812	6.2
Waters <sup>2</sup> -----	22,199	14.1	Gathering forest products-----	1,599	1.0
General undeveloped country-----	28,615	18.1	Nature study-----	1,001	0.6
<b>Undistributed</b> <sup>3</sup> -----	<b>2,584</b>	<b>(X)</b>	Viewing scenery, sports, environment-----	4,847	3.1
			Visitor information (exhibits, talks, etc.)-----	1,979	1.2
			<b>Undistributed</b> <sup>3</sup> -----	<b>2,584</b>	<b>(X)</b>

X Not applicable. Z Less than 0.05 percent.

<sup>1</sup> Includes archeological, botanical, geological, historical, virgin, scenic, and memorial areas.<sup>2</sup> Includes all recreation streams, rivers, lakes, reservoirs, etc.<sup>3</sup> Represents reports received too late for compilation.

Source: Dept. of Agriculture, Forest Service; unpublished data.



No. 296. STATE PARK SYSTEMS—SUMMARY: 1950 TO 1962

[For years ending June 30, in most cases. Prior to 1959, excludes Alaska and Hawaii. Number of agencies which reported varies from year to year. Covers parks, historic sites, and parkways reported by State park and State historical agencies. See also *Historical Statistics, Colonial Times to 1957*, series H 475-487]

ITEM	1950	1955	1958	1959	1960	1961	1962
Areas <sup>1</sup> .....number.....	1,725	2,034	2,335	2,433	2,664	2,792	2,544
Acreage <sup>1</sup> .....1,000.....	4,657	5,086	5,406	5,681	5,602	5,799	5,766
Expenditures.....\$1,000.....	<sup>2</sup> 36,399	55,093	<sup>2</sup> 73,222	<sup>2</sup> 88,268	87,373	110,101	<sup>3</sup> 106,151
Salaries and wages.....\$1,000.....	13,622	22,673	31,730	33,548	37,137	41,076	42,694
Supplies and equipment.....\$1,000.....	7,738	11,351	15,260	17,383	19,132	19,905	18,420
Lands.....\$1,000.....	2,651	5,523	7,555	14,834	12,077	13,035	12,296
Improvements.....\$1,000.....	12,364	15,293	18,632	22,432	19,026	36,085	34,004
Funds available for expenditures.....\$1,000.....	52,283	69,075	135,060	<sup>2</sup> 139,341	<sup>2</sup> 131,419	133,673	144,611
Appropriations.....\$1,000.....	28,421	43,382	73,626	65,283	69,294	89,852	98,734
Other.....\$1,000.....	23,862	25,693	61,433	73,767	61,794	43,821	45,877
Revenue from operations.....\$1,000.....	6,646	13,817	18,235	20,773	22,641	23,364	26,466
Attendance.....1,000.....	114,291	<sup>2</sup> 183,188	237,329	255,310	259,001	<sup>2</sup> 273,484	284,795
Day visits.....1,000.....	108,212	169,123	220,206	237,316	238,432	249,186	260,745
Overnight visits.....1,000.....	6,079	<sup>2</sup> 11,057	<sup>2</sup> 17,123	<sup>2</sup> 17,994	<sup>2</sup> 20,569	22,999	<sup>4</sup> 24,050
Cabins and hotels.....1,000.....	1,223	1,576	1,753	1,944	1,697	2,230	2,212
Organized camps.....1,000.....	1,480	1,697	2,075	2,096	2,235	2,206	2,249
Tent and trailer camps.....1,000.....	3,377	7,650	13,074	13,734	16,217	18,563	18,753
Personnel.....number.....	10,626	13,637	16,673	16,690	17,537	18,126	17,621
Professional.....number.....	401	373	536	607	731	1,386	(NA)
Year-round.....number.....	4,191	5,657	6,691	6,966	7,412	7,984	7,075
Seasonal.....number.....	6,435	7,980	9,982	9,724	10,125	10,142	10,546
Land acquisition.....acres.....	62,042	70,148	<sup>2</sup> 158,780	<sup>2</sup> 251,689	68,326	156,485	(NA)
By purchase.....acres.....	18,236	13,750	17,573	52,801	38,915	64,566	(NA)
By gift.....acres.....	4,586	35,724	10,300	17,740	7,585	11,648	(NA)
By other means.....acres.....	39,220	20,674	122,841	175,321	21,826	80,271	(NA)

NA Not available.  
<sup>1</sup> Excludes State forests, wildlife refuges, and waysides not administered by State park agencies.  
<sup>2</sup> Includes data for which the detailed breakdown is not available.      <sup>3</sup> See footnote 2, table 297.  
<sup>4</sup> Includes 836,086 primitive (few if any facilities) campers.  
Source: Dept. of the Interior, Bureau of Outdoor Recreation; *State Outdoor Recreation Statistics—1962*.

No. 297. STATE PARK SYSTEMS— STATES: 1962

[Areas and acreage as of December 31; visits, calendar year; expenditures, for year ending June 30. See also beadnote, table 296]

STATE	Areas	Acreage	Visits (1,000)	Expenditures (\$1,000)	STATE	Areas	Acreage	Visits (1,000)	Expenditures (\$1,000)
U.S.....	2,544	5,766,236	<sup>1</sup> 284,795	<sup>1 2</sup> 106,151	Montana.....	25	10,526	441	116
Alabama.....	26	36,184	3,136	433	Nebraska.....	36	10,095	4,166	(NA)
Alaska.....	65	3,094	580	178	Nevada.....	10	11,123	272	170
Arizona.....	7	5,801	246	134	New Hampshire.....	31	1,336	2,438	1,898
Arkansas.....	16	20,120	4,141	1,030	New Jersey.....	44	23,802	6,534	2,534
California.....	171	707,566	27,810	15,292	New Mexico.....	18	4,591	1,492	259
Colorado.....	22	14,535	1,276	(NA)	New York.....	141	2,589,122	34,201	25,043
Connecticut.....	75	22,222	4,848	2,034	North Carolina.....	23	38,427	1,829	966
Delaware.....	16	3,495	24	(NA)	North Dakota.....	65	4,426	570	157
Florida.....	57	121,776	3,911	1,589	Ohio.....	111	94,601	22,789	2,367
Georgia.....	62	46,119	3,665	1,396	Oklahoma.....	41	66,857	10,250	2,311
Hawaii.....	21	6,420	501	308	Oregon.....	187	64,689	12,458	2,029
Idaho.....	25	25,561	829	134	Pennsylvania.....	160	169,793	23,533	3,920
Illinois.....	97	47,936	9,574	(NA)	Rhode Island.....	75	8,500	3,021	1,003
Indiana.....	35	54,502	3,082	1,460	South Carolina.....	32	48,663	3,255	466
Iowa.....	85	28,710	7,578	2,741	South Dakota.....	11	74,884	5,235	483
Kansas.....	10	9,592	1,989	861	Tennessee.....	20	250,000	4,623	1,213
Kentucky.....	35	60,285	8,532	12,199	Texas.....	60	66,616	7,116	538
Louisiana.....	18	12,240	1,573	624	Utah.....	11	1,320	949	510
Maine.....	35	212,423	788	560	Vermont.....	29	9,631	865	957
Maryland.....	21	25,664	6,695	2,914	Virginia.....	22	30,890	1,267	582
Massachusetts.....	47	34,343	1,757	1,793	Washington.....	129	79,959	9,135	3,393
Michigan.....	74	188,754	14,125	4,836	West Virginia.....	26	44,532	1,922	2,194
Minnesota.....	74	100,862	3,287	(NA)	Wisconsin.....	45	22,204	5,323	1,229
Mississippi.....	16	14,400	2,024	291	Wyoming.....	43	161,664	1,043	65
Missouri.....	39	75,381	8,097	936					

NA Not available.      <sup>1</sup> 89 agencies reporting.  
<sup>2</sup> Excludes data for Colorado, Delaware, Illinois, Minnesota, and Nebraska because State park systems expenditures were not shown separately in consolidated reports submitted by States.  
Source: Dept. of the Interior, Bureau of Outdoor Recreation; *State Outdoor Recreation Statistics—1962*.



## No. 298. MUNICIPAL AND COUNTY PARK SUMMARY—STATES: 1965

[3,142 reporting agencies]

STATE	PARK AND RECREATION AREAS		PAID EMPLOYEES		Play-grounds under leadership	Recreation buildings and indoor centers	EXPENDITURES (\$1,000)		
	Number	Acreage	Total	Full-time professionals			Land, buildings, permanent improvements	Current operating expenses	Capital expenditures, 1961-1965
<b>United States</b> .....	30,509	1,496,378	243,170	19,208	24,298	22,527	290,221	611,158	1,049,470
<b>New England</b> .....	1,979	58,255	15,084	942	1,742	1,145	10,567	25,788	44,873
Maine.....	118	1,318	639	99	105	63	241	1,287	530
New Hampshire.....	144	4,243	764	45	126	102	412	1,170	3,219
Vermont.....	109	2,199	438	19	50	83	122	501	810
Massachusetts.....	888	30,384	7,200	268	789	340	3,734	11,554	23,707
Rhode Island.....	164	2,202	1,187	54	157	104	1,078	1,702	2,715
Connecticut.....	556	17,909	4,856	457	515	453	4,980	9,574	13,892
<b>Middle Atlantic</b> .....	5,333	156,966	51,593	2,428	5,235	2,824	83,767	131,836	329,367
New York.....	2,966	92,794	32,690	1,224	2,387	1,194	63,819	87,770	289,696
New Jersey.....	1,033	30,853	8,499	575	1,083	727	7,435	17,248	19,185
Pennsylvania.....	1,334	33,319	10,404	629	1,765	903	12,514	26,818	20,486
<b>East North Central</b> .....	6,302	413,896	60,134	3,753	4,542	4,228	52,921	146,922	183,704
Ohio.....	1,331	205,326	11,538	874	1,233	894	13,290	26,785	57,938
Indiana.....	636	19,551	4,717	345	623	424	6,035	12,208	10,310
Illinois.....	1,800	98,811	19,628	1,479	1,015	970	19,605	59,079	55,766
Michigan.....	1,475	48,371	13,283	748	1,093	1,198	7,666	29,119	26,749
Wisconsin.....	1,060	41,837	10,968	307	578	742	6,325	19,731	32,941
<b>West North Central</b> .....	2,886	128,022	18,079	1,592	1,701	1,482	16,088	34,493	63,972
Minnesota.....	936	43,567	6,171	354	625	682	3,355	9,172	17,685
Iowa.....	728	29,608	3,287	164	296	203	2,286	4,680	7,629
Missouri.....	452	28,893	3,667	786	334	205	6,719	12,184	27,660
North Dakota.....	97	3,702	623	32	55	50	719	1,000	1,219
South Dakota.....	108	2,506	499	32	60	38	255	1,108	1,025
Nebraska.....	201	6,818	1,304	47	91	83	663	2,684	3,840
Kansas.....	364	13,028	2,785	177	240	221	2,090	3,565	5,014
<b>South Atlantic</b> .....	4,855	152,172	27,968	3,822	3,496	2,803	34,740	77,897	102,691
Delaware.....	174	2,320	580	16	56	35	121	1,347	756
Maryland.....	532	23,945	6,397	485	648	600	10,535	14,708	22,852
Dist. of Columbia.....	846	40,772	3,287	494	198	187	5,567	15,109	34,075
Virginia.....	496	22,450	3,228	642	725	562	3,437	8,291	5,505
West Virginia.....	139	6,697	1,487	58	323	278	2,146	2,425	2,371
North Carolina.....	478	14,861	2,942	341	471	297	3,913	6,401	6,158
South Carolina.....	226	2,106	682	179	186	124	263	1,593	834
Georgia.....	675	8,658	2,245	448	323	184	2,152	5,514	7,668
Florida.....	1,289	30,363	7,120	1,159	566	536	6,607	22,510	22,472
<b>East South Central</b> .....	1,100	37,324	8,384	955	1,100	807	7,710	15,970	26,983
Kentucky.....	189	10,838	2,250	92	218	262	1,782	2,622	5,357
Tennessee.....	449	15,997	3,710	470	493	306	2,938	7,499	14,327
Alabama.....	342	7,842	1,521	262	229	154	2,491	4,281	5,469
Mississippi.....	120	2,647	903	131	160	85	499	1,568	1,830
<b>West South Central</b> .....	2,129	94,703	11,287	1,224	1,164	878	18,596	28,768	80,993
Arkansas.....	43	2,128	240	7	20	21	63	430	320
Louisiana.....	182	7,668	1,995	314	346	154	3,145	4,164	5,197
Oklahoma.....	389	21,468	1,567	120	168	107	1,620	3,016	11,316
Texas.....	1,515	63,439	7,485	783	630	596	13,769	21,158	64,160
<b>Mountain</b> .....	1,300	219,992	9,231	484	896	1,108	7,085	17,092	20,754
Montana.....	171	13,302	433	35	50	94	219	854	1,256
Idaho.....	158	3,076	960	30	80	86	471	1,054	971
Wyoming.....	65	27,018	279	16	37	27	154	541	271
Colorado.....	317	19,334	2,877	119	186	280	1,562	3,602	4,335
New Mexico.....	156	15,313	663	50	90	111	1,540	1,538	2,358
Arizona.....	249	132,898	2,434	125	281	328	1,067	6,623	7,519
Utah.....	108	2,015	999	32	131	160	665	1,234	1,071
Nevada.....	76	7,036	586	77	41	22	1,406	1,646	2,973
<b>Pacific</b> .....	4,625	235,048	41,410	4,008	4,422	7,252	58,746	132,391	196,131
Washington.....	742	19,129	2,994	205	354	427	2,959	9,550	16,121
Oregon.....	709	21,530	2,638	157	266	319	2,483	6,824	8,189
California.....	2,847	188,797	34,578	3,445	3,616	6,415	49,365	111,077	157,122
Alaska.....	29	1,360	48	5	11	4	183	196	266
Hawaii.....	298	4,232	1,152	196	175	87	3,757	4,744	16,432

No. 299. MUNICIPAL AND COUNTY PARK AND RECREATION AREAS—NUMBER, ACREAGE, PROFESSIONAL PERSONNEL, AND SELECTED FACILITIES: 1940 TO 1965

[Represents only park and recreation systems which returned questionnaires or were personally contacted by other means. In 1965, 2,784 municipal and 358 county agencies submitted reports. See *Historical Statistics, Colonial Times to 1957*, series H 488-499, for related data]

ITEM	1940	1946	1950	1955	1960	1965
Park and other recreation areas:						
Number.....	(NA)	(NA)	17, 142	20, 417	24, 710	30, 509
Acreage.....	(NA)	(NA)	644, 067	748, 701	1, 015, 461	1, 496, 378
Professional personnel, total.....	24, 533	41, 159	58, 029	76, 878	99, 696	119, 515
Full time, year-round.....	3, 559	5, 147	6, 784	8, 387	9, 216	19, 208
Playgrounds under leadership.....	9, 921	11, 559	14, 747	18, 224	20, 107	24, 298
Selected facilities:						
Ball diamonds, 90 foot.....	3, 904	4, 323	5, 502	5, 542	7, 044	9, 335
Bathing beaches.....	572	618	780	830	951	1, 261
Golf courses, 9 and 18 hole.....	387	340	454	478	585	1, 005
Outdoor swimming pools.....	898	1, 116	1, 289	1, 813	2, 513	4, 277
Tennis courts.....	12, 075	11, 847	13, 085	13, 188	15, 676	19, 926
Recreation buildings.....	1, 750	1, 832	2, 987	4, 097	3, 828	6, 486
Indoor recreation centers.....	3, 986	4, 021	6, 630	9, 400	13, 142	16, 041
Softball diamonds.....	10, 042	10, 034	12, 266	11, 834	14, 832	17, 467

NA Not available.  
Source: National Recreation and Park Association, Washington, D.C.; *Recreation and Park Yearbook*.

No. 300. ESTIMATED PUBLIC EXPENDITURES FOR OUTDOOR RECREATION: 1951 TO 1960

[In millions of 1960 dollars. Includes Puerto Rico and Virgin Islands]

YEAR	Total	Federal <sup>1</sup>	State <sup>1</sup>	Local	YEAR	Total	Federal <sup>1</sup>	State <sup>1</sup>	Local
Total.....	8, 559	1, 218	1, 507	5, 834	1955.....	847	88	150	608
1951.....	553	70	117	366	1956.....	854	98	149	607
1952.....	618	76	125	417	1957.....	910	130	154	626
1953.....	682	78	135	468	1958.....	1, 079	195	172	712
1954.....	740	82	141	518	1959.....	1, 126	206	178	742
					1960.....	1, 151	194	187	770

<sup>1</sup> Direct outlay.  
Source: Outdoor Recreation Resources Review Commission; *Public Expenditures for Outdoor Recreation*, Study Report No. 25. 1962.

No. 301. NUMBER AND COST OF HUNTING AND FISHING LICENSES: 1950 TO 1965

[For years ending June 30. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 523-524]

ITEM	1950	1955	1960	1961	1962	1963	1964	1965
Hunting licenses:								
Total license sales <sup>1</sup> .....	12, 638	14, 192	18, 440	18, 202	18, 175	18, 679	19, 059	19, 372
Resident.....	12, 441	13, 853	17, 808	17, 580	17, 519	17, 900	18, 175	18, 518
Nonresident.....	197	339	632	622	656	779	884	854
Cost to hunters.....	\$1,000..	37, 641	42, 791	60, 981	64, 063	63, 984	68, 106	72, 071
Fishing licenses:								
Total license sales <sup>1</sup> .....	15, 338	18, 855	23, 323	23, 136	23, 084	23, 976	24, 472	24, 976
Resident.....	13, 309	16, 212	20, 190	19, 987	20, 015	20, 761	21, 166	21, 576
Nonresident.....	2, 029	2, 643	3, 133	3, 149	3, 069	3, 215	3, 306	3, 400
Cost to anglers.....	\$1,000..	34, 018	39, 502	52, 143	52, 851	54, 163	57, 780	60, 213
Federal duck stamps issued.....	1, 942	2, 182	1, 628	1, 728	1, 346	1, 148	1, 455	1, 556

<sup>1</sup> Prior to 1960, paid license holders; for definition, see footnote 1, table 302.  
Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Federal Aid in Fish and Wildlife Restoration*.

# **No. 302. NUMBER AND COST OF STATE FISHING AND HUNTING LICENSES, BY STATES: 1965**

[For year ending June 30. Excludes Migratory Waterfowl Stamps (Duck Stamps)]

STATE	PAID LICENSE HOLDERS <sup>1</sup> (1,000)		COST OF LICENSES <sup>2</sup> (\$1,000)		STATE	PAID LICENSE HOLDERS <sup>1</sup> (1,000)		COST OF LICENSES <sup>2</sup> (\$1,000)	
	Fish- ing	Hunt- ing	Fish- ing	Hunt- ing		Fish- ing	Hunt- ing	Fish- ing	Hunt- ing
<b>United States</b> .....	<b>20, 496</b>	<b>14, 331</b>	<b>62, 857</b>	<b>75, 173</b>	Missouri.....	665	390	2, 563	2, 030
Alabama.....	424	341	904	842	Montana.....	280	176	1, 273	1, 440
Alaska.....	63	44	379	578	Nebraska.....	220	198	937	1, 698
Arizona.....	248	128	1, 011	1, 000	Nevada.....	79	52	327	797
Arkansas.....	446	274	1, 205	924	New Hampshire.....	123	85	511	637
California.....	1, 799	685	7, 642	3, 952	New Jersey.....	142	167	808	980
Colorado.....	431	281	1, 562	5, 038	New Mexico.....	107	82	618	849
Connecticut.....	114	62	545	326	New York.....	723	727	2, 378	3, 734
Delaware.....	10	26	28	90	North Carolina.....	372	413	1, 219	1, 508
Florida.....	517	207	1, 508	1, 038	North Dakota.....	98	87	163	491
Georgia.....	587	296	793	740	Ohio.....	828	577	1, 904	1, 508
Hawaii.....	4	8	10	39	Oklahoma.....	486	217	1, 006	624
Idaho.....	265	178	1, 296	1, 419	Oregon.....	528	333	1, 955	2, 068
Illinois.....	682	482	1, 439	1, 642	Pennsylvania.....	476	918	2, 294	5, 994
Indiana.....	727	586	1, 026	998	Rhode Island.....	18	15	60	46
Iowa.....	419	311	1, 072	1, 071	South Carolina.....	307	192	703	626
Kansas.....	284	191	873	849	South Dakota.....	190	163	370	1, 136
Kentucky.....	362	237	1, 185	783	Tennessee.....	682	442	1, 648	1, 522
Louisiana.....	217	282	265	754	Texas.....	927	577	1, 855	1, 873
Maine.....	229	188	830	1, 211	Utah.....	236	198	732	1, 703
Maryland.....	114	169	367	903	Vermont.....	113	124	272	705
Massachusetts.....	195	118	713	471	Virginia.....	342	367	997	1, 578
Michigan.....	887	894	2, 623	5, 438	Washington.....	427	322	1, 880	2, 421
Minnesota.....	1, 311	425	3, 074	2, 474	West Virginia.....	203	218	601	766
Mississippi.....	348	259	547	692	Wisconsin.....	1, 097	499	4, 313	2, 995
					Wyoming.....	144	120	573	2, 172

<sup>1</sup> Resident and nonresident. U.S. total includes multiple counting of license holders who bought 1 or more nonresident licenses as well as a license for their own home State. <sup>2</sup> Total cost to fishermen or hunters for all licenses, permits, tags, stamps, etc.

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Federal Aid in Fish and Wildlife Restoration*.

## **No. 303. NUMBER OF SPORT FISHERMEN AND HUNTERS: 1960 AND 1965**

[In thousands. For 1960, persons 12 years old and over who fished and hunted; for 1965, persons 12 years old and over who spent \$5 or more and reported 3 or more fishing and hunting recreation days during the year. Based on samples of approximately 18,000 households. For composition of divisions, see fig. I, p. xii]

ITEM	1960		1965						
	Total persons	Total who fished and/or hunted	Total persons	Total who fished and/or hunted	Total who fished and hunted	Total who fished	Total who hunted	On trips last- ing more than 1 day	
								Fisher- men	Hunt- ers
<b>Total</b> .....	<b>131, 226</b>	<b>30, 435</b>	<b>141, 928</b>	<b>32, 881</b>	<b>9, 050</b>	<b>28, 348</b>	<b>13, 583</b>	<b>10, 358</b>	<b>3, 736</b>
<b>By division:</b>									
New England.....	8, 349	1, 368	9, 256	1, 650	421	1, 488	583	375	132
Middle Atlantic.....	26, 493	3, 432	27, 346	3, 602	789	2, 760	1, 631	847	380
East North Central.....	26, 833	6, 316	28, 124	6, 214	1, 685	5, 336	2, 563	2, 332	864
West North Central.....	10, 149	3, 383	11, 681	3, 678	1, 168	3, 226	1, 620	1, 346	369
South Atlantic.....	17, 798	4, 423	20, 593	5, 626	1, 328	5, 054	1, 900	1, 374	337
East South Central.....	9, 277	2, 778	9, 652	2, 587	908	2, 201	1, 294	481	136
West South Central.....	11, 837	3, 666	12, 724	3, 713	1, 136	3, 278	1, 571	1, 112	413
Mountain.....	5, 222	1, 646	5, 029	1, 565	684	1, 261	988	787	557
Pacific.....	15, 268	3, 422	17, 523	4, 246	931	3, 744	1, 433	1, 704	548
<b>By residence:</b>									
Big cities.....	22, 059	2, 365	22, 539	2, 945	553	2, 705	793	1, 142	399
Small cities and suburbs.....	35, 358	6, 376	56, 296	11, 866	2, 692	10, 744	3, 814	5, 170	1, 589
Towns and rural areas.....	73, 809	21, 693	63, 093	18, 070	5, 805	14, 899	8, 976	4, 048	1, 748
<b>By sex:</b>									
Male.....	62, 732	23, 171	67, 508	25, 216	8, 582	20, 994	12, 804	7, 803	3, 445
Female.....	68, 494	7, 264	74, 420	7, 665	468	7, 354	779	2, 559	293

Source: Dept. of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1960 and 1965*.



## No. 304. EXPENDITURES OF SPORT FISHERMEN AND HUNTERS: 1965

[Data refer to persons 12 years old and over who spent \$5 or more and reported 3 or more fishing and hunting recreation days during 1965. Based on a sample of approximately 18,000 households]

ITEM	TOTAL PERSONS		PERSONS WHO FISHED		PERSONS WHO HUNTED	
	Total spent (mil. dol.)	Average per person <sup>1</sup>	Total spent (mil. dol.)	Average per person	Total spent (mil. dol.)	Average per person
<b>Total.....</b>	<b>4, 046</b>	<b>\$123.06</b>	<b>2, 925</b>	<b>\$103.19</b>	<b>1, 121</b>	<b>\$82.54</b>
Food.....	456	13.88	340	12.01	116	8.53
Lodging.....	125	3.81	104	3.67	21	1.58
Transportation:						
Automobile.....	556	16.92	400	14.10	157	11.53
Bus, rail, air, and water.....	41	1.25	29	1.03	12	.86
Equipment:						
Boats and motors.....	655	19.93	626	22.08	29	2.16
General auxiliary equipment <sup>2</sup> .....	257	7.81	161	5.67	96	7.09
Fishing and/or hunting equipment.....	721	21.92	324	11.41	397	29.25
Licenses, tags, and permits.....	136	4.14	68	2.40	68	5.02
Duck stamps.....	4	.12	(X)	(X)	4	.28
Annual lease and privilege fees.....	27	.81	11	.40	15	1.12
Daily entrance and privilege fees.....	71	2.15	52	1.83	19	1.38
Bait, guide fees, and other trip expenses.....	778	23.65	755	26.92	23	1.71
Other <sup>3</sup> .....	219	6.67	56	1.97	163	12.04

X Not applicable. <sup>1</sup> Includes expenditures of those who fished or hunted or both.

<sup>2</sup> Includes tents, sleeping gear, cooking and eating utensils, special clothing, lanterns, binoculars, trailers, cabins, and other equipment used primarily for fishing and hunting.

<sup>3</sup> Includes boat launching fees for fishermen, dogs for hunters, costs of fishing and hunting magazines, general club dues, and other miscellaneous expenditures.

Source: Dept. of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1965*.

## No. 305. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1940 TO 1965

[In millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 500-515]

TYPE OF PRODUCT OR SERVICE	1940	1945	1950	1955	1960	1962	1963	1964	1965
<b>Total recreation expenditures.....</b>	<b>3,761</b>	<b>6,139</b>	<b>11,147</b>	<b>14,078</b>	<b>18,295</b>	<b>20,474</b>	<b>22,213</b>	<b>24,573</b>	<b>26,304</b>
Books and maps.....	234	520	674	867	1,304	1,523	1,620	1,931	2,074
Magazines, newspapers, and sheet music.....	589	965	1,495	1,869	2,193	2,415	2,521	2,767	2,840
Nondurable toys and sport supplies.....	306	553	1,394	1,803	2,417	2,792	2,986	3,200	3,413
Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft.....	254	400	869	1,386	2,106	2,269	2,538	2,810	2,996
Radio and television receivers, records, and musical instruments.....	494	344	2,421	2,869	3,412	3,935	4,539	5,420	6,023
Radio and television repair.....	32	88	283	516	801	882	906	954	1,032
Flowers, seeds, and potted plants.....	201	378	457	546	641	739	842	888	1,010
Admissions to specified spectator amusements.....	904	1,714	1,781	1,801	1,606	1,646	1,692	1,774	1,848
Motion picture theaters.....	735	1,450	1,376	1,326	951	903	904	923	949
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics).....	71	148	183	245	365	417	446	484	508
Spectator sports.....	98	116	222	230	290	326	342	367	391
Clubs and fraternal organizations <sup>1</sup> .....	203	281	462	569	733	773	808	834	858
Commercial participant amusements <sup>2</sup> .....	197	284	448	584	1,161	1,366	1,443	1,492	1,532
Parl-mutuel net receipts.....	55	153	239	381	517	564	626	694	734
Other <sup>3</sup> .....	292	459	624	887	1,404	1,570	1,692	1,809	1,944

<sup>1</sup> Gross receipts less cash benefits of fraternal, patriotic, and women's organizations except insurance; and dues and fees of athletic, social, and luncheon clubs, and school fraternities.

<sup>2</sup> Billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; daily fee golf greens fees; golf instruction, club rental, and caddy fees; sightseeing buses and guides; and private flying operations.

<sup>3</sup> Photo developing and printing, photographic studios, collectors' net acquisitions of stamps and coins, hunting dog purchase and training, sports guide service, veterinary service, purchase of pets, camp fees, nonvending coin machine receipts minus payoff, and other commercial amusements.

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965: Statistical Tables*.

## No. 306. SELECTED RECREATIONAL ACTIVITIES: 1950 TO 1966

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series H 516-522, and H 525]

ACTIVITY	1950	1955	1960	1962	1963	1964	1965	1966
Baseball, major leagues:								
Attendance <sup>1</sup> .....1,000..	17,659	16,980	20,261	21,752	20,724	21,602	22,801	25,424
Regular season.....1,000..	17,463	16,617	19,911	21,375	20,477	21,280	22,437	25,203
National League.....1,000..	8,321	7,674	10,685	11,360	11,382	12,045	13,581	15,036
American League.....1,000..	9,142	8,943	9,227	10,015	9,095	9,235	8,861	10,167
World series.....1,000..	196	362	350	377	247	322	364	221
Softball, amateur: <sup>2</sup>								
Teams.....1,000..	355	367	378	384	451	492	560	693
Leagues.....1,000..	59	61	63	68	76	81	109	227
Participants <sup>3</sup> .....1,000..	(NA)	(NA)	8	9	10	12	13	15
Attendance <sup>4</sup> .....1,000..	(NA)	(NA)	12	13	15	17	20	23
Youth program:								
Teams.....1,000..	(X)	(X)	3.5	5.5	8.2	10.4	11.3	13.6
Leagues.....1,000..	(X)	(X)	0.7	1.0	1.8	2.4	3.7	4.5
Participants.....1,000..	(X)	(X)	48	82	112	201	268	348
Golf: <sup>5</sup>								
Number of golfers <sup>6</sup> .....1,000..	3,215	3,500	4,400	5,500	6,250	7,000	7,750	8,525
Courses.....number..	4,931	5,218	6,385	7,070	7,477	7,893	8,323	8,672
By size:								
9-hole.....number..	2,972	3,048	3,660	4,031	4,248	4,397	4,554	4,786
18-hole and larger.....number..	1,959	2,170	2,725	3,039	3,229	3,496	3,769	3,886
By classification:								
Private.....number..	3,049	2,807	3,236	3,503	3,615	3,764	3,887	4,016
Semiprivate.....number..	1,141	1,534	2,254	2,636	2,868	3,114	3,368	3,483
Municipal.....number..	741	877	895	931	994	1,015	1,068	1,173
Tennis, U.S. Lawn Tennis Association:								
Tournament events.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9,422	(NA)
National championships, attendance 1,000..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	94	(NA)
Basketball, professional, National Basket- ball Association, attendance <sup>7</sup> .....1,000..	(NA)	(NA)	1,986	2,163	2,479	2,500	2,750	3,000
Football, collegiate: <sup>8</sup>								
Teams.....number..	674	621	620	610	616	622	616	616
Attendance.....1,000..	18,962	17,267	20,403	21,227	22,237	23,354	24,683	25,276
Football, professional, National Football League, attendance.....1,000..	2,008	2,608	3,195	4,068	4,209	4,642	4,685	5,175
Regular season.....1,000..	1,978	2,522	3,128	4,003	4,163	4,563	4,634	5,100
Championship games.....1,000..	30	86	67	65	45	79	51	75
Boxing, professional matches: <sup>9</sup>								
Boxers.....number..	3,940	3,120	2,920	1,960	2,884	2,478	2,202	2,006
Gross receipts.....\$1,000..	3,800	6,335	5,902	7,225	7,828	7,948	8,264	5,100
Horseracing: <sup>10</sup>								
Number of racing days.....	4,018	4,899	6,099	6,532	7,136	7,561	8,051	8,427
Total attendance.....1,000..	29,291	33,503	46,879	50,582	55,754	60,595	62,887	63,690
Parimutuel turnover.....mil. dol..	1,638	2,592	3,358	3,669	3,975	4,402	4,615	4,685
Revenue to States.....mil. dol..	98	187	258	288	316	350	370	388
Total monies distributed <sup>11</sup> .....mil. dol..	47	85	111	127	136	154	165	177
Greyhound racing: <sup>10</sup>								
Number of racing days.....	1,738	2,143	2,478	2,646	2,645	2,747	2,443	2,865
Total attendance.....1,000..	6,083	7,131	7,924	8,983	9,566	10,165	10,865	11,121
Parimutuel turnover.....mil. dol..	167	242	322	366	377	421	460	497
Revenue to States.....mil. dol..	11	17	22	26	27	29	33	36
Total monies distributed <sup>11</sup> .....mil. dol..	(NA)	(NA)	7	9	9	9	10	11
Tenpin bowling: <sup>7 12</sup>								
Establishments.....number..	6,325	6,636	8,997	10,610	10,883	10,839	10,752	10,457
Lanes.....number..	52,488	58,203	107,908	148,535	157,713	158,996	159,079	156,219
Membership:								
American Bowling Congress.....1,000..	1,417	1,738	3,665	4,622	4,838	4,945	4,944	4,884
Women's International Bowling Congress.....1,000..	496	706	1,543	2,212	2,453	2,607	2,736	2,821
American Jr. Bowling Congress.....1,000..	24	67	330	443	451	315	330	349
Duckpin bowling: <sup>13</sup>								
Establishments.....number..	463	556	653	720	705	694	641	(NA)
Lanes.....number..	5,550	6,875	8,707	9,199	8,848	9,219	8,714	(NA)
Teams.....number..	28,665	46,552	62,067	76,452	78,272	78,944	80,818	(NA)
Motion picture theaters: <sup>14</sup>								
Average weekly attendance.....millions..	60	46	40	43	42	44	44	(NA)
Gross receipts.....mil. dol..	1,320	1,185	1,483	1,551	1,613	1,726	1,980	(NA)
Average admission price.....cents..	44	50	69	70	74	76	85	(NA)

See footnotes at end of table.



No. 306. SELECTED RECREATIONAL ACTIVITIES: 1950 TO 1966—Continued

ACTIVITY	1950	1955	1960	1962	1963	1964	1965	1966
Outboard motors and boats: <sup>15</sup>								
Motors in use.....1,000.....	2,811	4,210	5,800	6,250	6,390	6,564	6,645	6,784
Motors sold.....1,000.....	367	515	468	360	362	390	393	440
Value (retail).....mil. dol.....	63	153	221	170	167	180	183	221
Average horsepower.....	6.9	12.9	27.4	30.3	30.5	30.3	28.2	29.9
Outboard boats sold.....1,000.....	131	258	294	239	245	250	250	266
Value (retail).....mil. dol.....	(NA)	(NA)	(NA)	(NA)	(NA)	131	133	146
Average length.....feet.....	(NA)	(NA)	(NA)	(NA)	(NA)	15.4	15.3	15.4
Inboard/outdrive boats sold.....1,000.....	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	8	12	17	32
Value (retail).....mil. dol.....	(NA)	(NA)	(NA)	(NA)	(NA)	46	64	121
Boat trailers sold.....1,000.....	18	129	206	160	148	130	130	153
Value (retail).....mil. dol.....	(NA)	(NA)	(NA)	(NA)	(NA)	29	29	34

NA Not available. X Not applicable. <sup>1</sup> Source: *World Almanac* (copyright). <sup>2</sup> Source: Amateur Softball Association of America. Prior to 1962, excludes Alaska and Hawaii. Youth program established 1958. <sup>3</sup> Represents total adult (both men and women) participation. <sup>4</sup> Includes attendance at national championships. <sup>5</sup> Source: National Golf Foundation, Inc. Prior to 1960, excludes Alaska and Hawaii. <sup>6</sup> Golfers playing 15 rounds or more per year, except 1963 and 1964 represent all golfers. <sup>7</sup> Data are for season ending in year shown. <sup>8</sup> Source: National Collegiate Athletic Association. Prior to 1960, excludes Hawaii. <sup>9</sup> Source: *The Ring*. Prior to 1963, excludes Alaska. Beginning 1963, includes Guam. Data for boxers include all boxers listed for one or more bouts. Excludes closed circuit TV attendance and receipts. 1966 data estimated. <sup>10</sup> Source: National Association of State Racing Commissioners. Horseracing includes thoroughbred, harness, quarter horse, and fairs. <sup>11</sup> Distributed in stakes and purses. <sup>12</sup> Source: American Bowling Congress. Prior to 1960, excludes Alaska and Hawaii. <sup>13</sup> Source: National Duckpin Bowling Congress. Data are for season beginning in year shown. <sup>14</sup> Source: *The Film Daily Yearbook of Motion Pictures; 1966* (copyright). 1965 data estimated. <sup>15</sup> Source: Boating Industry Association. Prior to 1960, excludes Alaska and Hawaii. 1966 data preliminary. <sup>16</sup> Included in "Outboard boats sold."

Source: Compiled from sources listed in footnotes.

No. 307. MUSEUMS—SUMMARY: 1952 TO 1962

[Based on a survey covering 3,433 U.S. museums, including 2 in Puerto Rico and 1 in the Virgin Islands, which responded to a questionnaire mailed to 6,000 museums in the United States and Canada. Museums were classified by their primary collection or interest]

TYPE	MUSEUMS REPORTING, 1962		ATTENDANCE <sup>1</sup> (1,000)			PERCENT <sup>2</sup> OFFERING IN 1962—				
	Num-ber	Per-cent	1952	1957	1962	Guid-ed tours	Lec-tures	Films	Gall-ery talks	Con-certs
Total.....	3,443	100	83,189	121,870	184,767	62	44	23	15	9
Historic buildings <sup>3</sup> .....	1,019	30	7,064	12,488	20,749	75	28	9	4	3
History <sup>4</sup> .....	825	24	9,808	16,797	26,720	62	42	20	9	4
Art.....	364	11	11,071	13,496	22,005	61	70	48	60	40
Science.....	300	9	15,015	18,342	34,246	63	58	38	11	2
Live <sup>5</sup> .....	225	6	24,912	32,748	44,664	67	47	17	2	3
Other museums <sup>6</sup> .....	320	9	14,920	27,243	35,209	54	48	32	15	10
Related organizations <sup>7</sup> .....	390	11	399	756	1,174	32	46	22	17	8

<sup>1</sup> Based on reports from 1,964 (57 percent) of the 3,443 museums reporting in 1962, covering the 3 years shown. <sup>2</sup> Based on reports from 2,752 museums. <sup>3</sup> Includes restorations. Primary interest is in the buildings. <sup>4</sup> Includes technical museums whose collections are primarily historical. <sup>5</sup> All organizations collecting and exhibiting living animals and plants. <sup>6</sup> Comprises museums of anthropology and archaeology, libraries with special collections, children's museums, and museums in which art, history, and science are almost equally represented. <sup>7</sup> Organizations with no collection.

Source: American Association of Museums, Washington, D.C.; *A Statistical Survey of Museums in the United States and Canada* (copyright).

No. 308. SYMPHONY ORCHESTRAS—SUMMARY: 1950 TO 1965

[For years ending Aug. 31. Orchestras other than college are principally defined by their annual budgets: Community, under \$100,000; metropolitan, \$100,000 to \$499,999; and major, over \$500,000. Based on surveys and other data]

ITEM	1950	1955	1960	1961	1962	1963	1964	1965
Symphony orchestras, total.....	839	1,029	1,226	1,259	1,301	1,348	1,363	1,385
College.....	231	240	250	258	265	280	284	290
Community.....	581	761	933	955	987	1,016	1,025	1,032
Metropolitan <sup>1</sup> .....	(X)	(X)	18	21	24	27	29	38
Major.....	27	28	25	25	25	25	25	25
MAJOR ORCHESTRAS								
Musicians.....	2,319	2,079	(NA)	2,202	2,043	2,188	2,207	2,216
Concerts played.....	2,016	2,257	(NA)	2,578	2,651	2,782	2,877	2,987
Attendance.....1,000.....	5,072	4,900	(NA)	5,502	5,700	6,000	6,400	6,750
Gross expenditures.....\$1,000.....	10,653	13,838	(NA)	22,762	22,600	22,800	24,100	27,700

NA Not available. X Not applicable. <sup>1</sup> Classification effective beginning 1958.

Source: American Symphony Orchestra League, Inc., Vienna, Va.; unpublished data.



## No. 309. PERFORMING ARTS—SELECTED DATA: 1955 TO 1965

[For season ending in year shown, except as indicated]

ITEM	1955	1960	1963	1964	1965
<b>THEATER (legitimate)</b>					
Broadway:					
Shows.....	72	76	71	82	(NA)
New productions (including revivals).....	58	58	54	63	(NA)
Performances.....	8, 917	9, 214	8, 954	7, 975	(NA)
Average weekly attendance, February.....1,000..	182	184	154	(NA)	(NA)
Off Broadway:					
Productions.....	41	114	105	131	110
New <sup>1</sup> .....	41	100	90	107	87
Performances.....	1, 883	6, 803	8, 323	9, 296	6, 702
<b>DANCE GROUPS <sup>2</sup></b>					
Professional.....	(NA)	139	169	196	(NA)
Foreign or ethnic <sup>3</sup> .....	(NA)	44	70	80	(NA)
American <sup>3</sup> .....	(NA)	95	99	116	(NA)
Tours, October:					
Towns and cities visited.....	<sup>4</sup> 106	142	251	117	(NA)
Performances.....	<sup>4</sup> 115	192	277	191	(NA)
Performances, New York City, Oct.-Feb.....	197	191	191	222	340
<b>OPERA</b>					
Companies <sup>5</sup> .....	543	754	795	754	(NA)
Performances.....	3, 217	4, 232	4, 606	3, 877	(NA)
<b>MAJOR ORCHESTRAS (averages per orchestra) <sup>6</sup></b>					
Length of season.....weeks.....	26	<sup>7</sup> 28	29	30	(NA)
Paid concerts.....	94	<sup>7</sup> 120	121	128	(NA)
Home.....	67	<sup>7</sup> 87	91	96	(NA)
Tour.....	27	<sup>7</sup> 33	30	32	(NA)
Paid attendance.....1,000..	216	<sup>7</sup> 263	263	278	(NA)

NA Not available. <sup>1</sup> Comprises new musicals and plays, revivals, special productions, and presentations of special companies and visiting foreign troupes.

<sup>2</sup> Comprises groups of more than 2 dancers having an active repertoire of at least 1 full program, a company organization separate from a school group, and at least 2 performances before paying audiences. Based on reports to *Dance Magazine's* "Annual Directory of Dance Attractions." <sup>3</sup> Classification estimated.

<sup>4</sup> 1956 data. <sup>5</sup> Comprises high school, college, other amateur, and professional companies.

<sup>6</sup> Data are arithmetic means for 11 major orchestras, as follows: Chicago, Cincinnati, Cleveland, Indianapolis, Kansas City, Minneapolis, National, Philadelphia, Pittsburgh, St. Louis, and San Francisco.

<sup>7</sup> For season ending in 1961.

Source: William J. Baumol and William G. Bowen; *Performing Arts—The Economic Dilemma*. Copyright 1966 by the Twentieth Century Fund, Inc.

## No. 310. VOLUME AND CHARACTERISTICS OF TRAVEL: 1963

[Number in millions. Based on interviews with nationwide probability sample of about 6,000 households concerning trips that ended between January 1 and December 31, 1963. Subject to sampling error]

ITEM	TRIPS <sup>1</sup>		TRAVELERS <sup>2</sup>		ITEM	TRIPS <sup>1</sup>		TRAVELERS <sup>2</sup>	
	Num-ber	Per-cent	Num-ber	Per-cent		Num-ber	Per-cent	Num-ber	Per-cent
<b>Total</b> .....	257	100	487	100	<b>Distance:</b>				
<b>Purpose of trip:</b>					Under 100 miles.....	119	46	224	46
Business.....	54	21	66	14	100 to 199 miles.....	73	28	141	29
Visit friends and relatives.....	103	40	219	45	200 to 499 miles.....	41	16	78	16
Other pleasure trips.....	55	21	123	25	500 or more.....	19	8	34	7
Personal and family affairs.....	45	18	79	16	Outside U.S.....	5	2	10	2
<b>Transportation:</b>					<b>Duration of trip:</b>				
Automobile.....	215	84	435	89	1-day trip.....	17	6	32	7
Bus.....	11	4	13	3	Overnight trips:				
Air.....	14	5	17	4	1 night.....	78	31	157	32
Rail.....	8	3	10	2	2 nights.....	66	26	127	26
Other.....	9	4	12	2	3 to 5 nights.....	49	19	87	18
<b>Size of party:</b>					6 to 9 nights.....	21	8	39	8
1 person.....	141	55	141	29	10 or more.....	26	10	45	9
2 persons.....	58	23	116	24	<b>Accommodations <sup>3</sup>:</b>	(X)	(X)	2,022	100
3 or 4 persons.....	42	16	145	30	Commercial lodgings.....	(X)	(X)	487	24
5 or more.....	16	6	85	17	Friends and relatives.....	(X)	(X)	1,032	51
					Own cottage.....	(X)	(X)	185	9
					Other.....	(X)	(X)	319	16

X Not applicable.

<sup>1</sup> A trip involves 1 or more members of a household going out of town overnight or going to a place 100 miles or more on a 1-day trip. Comprises trips taken for all purposes, including attending school out-of-town.

<sup>2</sup> A traveler is a person on a trip and is counted each time he takes a trip.

<sup>3</sup> Accommodations shown in traveler-night units, defined as the number of nights each person spent on the trip, exclusive of accommodations used by students while attending school out-of-town.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. I, *Transportation Survey*.

No. 311. FOREIGN TRAVEL—TRAVELERS AND EXPENDITURES: 1929 TO 1966  
[Travelers in thousands; expenditures in millions of dollars. Covers residents of U.S. and Puerto Rico]

ITEM AND COUNTRY	1929	1937	1947	1950	1955	1960	1964	1965	1966
Total overseas travelers <sup>1</sup> .....	517	435	435	676	1,075	1,634	2,220	2,623	2,975
Means of transport from U.S.: Sea.....	(NA)	(NA)	(NA)	298	318	317	277	237	220
Air.....	(NA)	(NA)	(NA)	378	757	1,317	1,943	2,386	2,755
Region of destination: Europe and Mediterranean.....	350	248	149	302	482	832	1,250	1,405	1,570
West Indies and Central America.....	136	153	245	323	522	641	701	890	1,050
South America.....	8	9	27	38	34	71	107	127	130
Other.....	23	24	14	13	37	90	162	200	225
Total expenditures <sup>2</sup> .....	688	470	716	1,022	1,612	2,623	3,376	3,768	4,047
Transportation: <sup>3</sup> Foreign flag carriers <sup>4</sup> .....	164	95	55	145	201	513	645	720	755
United States flag carriers <sup>4</sup> .....	41	27	88	123	258	360	520	610	635
Expenditures abroad: Canada.....	178	156	241	261	306	380	550	600	678
Mexico.....	36	44	140	172	255	383	490	540	575
Total overseas areas.....	269	148	192	321	592	987	1,171	1,298	1,404
Europe and Mediterranean.....	213	97	107	225	430	692	800	864	920
West Indies and Central America.....	37	35	56	61	107	166	190	220	259
South America.....	5	4	16	22	22	45	57	68	65
Other.....	14	12	13	13	33	84	124	146	160

NA Not available.  
<sup>1</sup> Excludes the following: Travel to Canada and Mexico; travel between conterminous U.S. and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad; and U.S. citizens residing abroad. <sup>2</sup> Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. <sup>3</sup> Excludes passenger fares of emigrant aliens.  
<sup>4</sup> Beginning 1960, new series; not comparable with earlier years.

No. 312. TRAVEL TO EUROPE AND THE MEDITERRANEAN AREA—TRAVELERS AND AVERAGE EXPENDITURE: 1950 TO 1966  
[Travelers in thousands. Covers residents of U.S. and Puerto Rico, except as noted]

ITEM	1950	1955	1960	1963	1964	1965	1966
Total travelers.....	302	482	832	1,102	1,250	1,405	1,570
U.S. born.....	(NA)	299	569	838	963	(NA)	(NA)
Foreign born.....	(NA)	183	263	264	287	(NA)	(NA)
Means of transport from U.S.: Sea.....	(NA)	214	230	254	223	184	175
Air.....	(NA)	268	602	848	1,027	1,221	1,395
Average expenditure and stay: Average per trip <sup>1</sup> .....dollars..	742	889	830	680	637	611	583
Average per day.....dollars..	<sup>2</sup> 12.04	15.88	(NA)	15.11	15.54	15.67	15.75
Average length of stay.....days..	<sup>2</sup> 64	56	(NA)	45	41	39	37

NA Not available. <sup>1</sup> Excludes transatlantic passenger fares. <sup>2</sup> U.S. citizens only.

No. 313. FOREIGN TRAVEL TO THE UNITED STATES—TRAVELERS, 1955 TO 1966, AND EXPENDITURES, 1947 TO 1966  
[Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States]

AREA OF ORIGIN	TRAVELERS (1,000)				EXPENDITURES (mil. dol.)					
	1955	1960	1965	1966	1947	1950	1955	1960	1965	1966
Total.....	(NA)	(NA)	(NA)	(NA)	364	419	654	1,025	1,545	1,768
Fares to U.S. carriers <sup>1</sup> .....	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	106	165	195
Canada.....	(NA)	(NA)	(NA)	(NA)	152	193	364	469	490	586
Mexico.....	(NA)	(NA)	(NA)	(NA)	64	69	110	226	390	436
Overseas areas.....	332	602	1,204	1,360	148	157	180	224	500	551
Europe and Mediterranean.....	131	274	584	658	64	56	61	90	205	215
West Indies, Central America, and South America.....	169	249	450	517	63	77	93	86	200	226
Other.....	32	79	170	185	22	24	26	48	95	110

NA Not available. X Not applicable.  
<sup>1</sup> Includes fares paid to and from the United States only.  
Source of tables 311-313: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

## Section 8

### Labor Force, Employment, and Earnings

This section presents statistics dealing with the characteristics of the economically active segment of the population, the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor.

The chief sources of these data are the Decennial Census of Population conducted by the Bureau of the Census (see text, p. 1); *Employment and Earnings and Monthly Report on the Labor Force* and *Monthly Labor Review*, issued by the Bureau of Labor Statistics; and *Farm Labor*, issued monthly by the Statistical Reporting Service, Department of Agriculture.

**Types of data.**—Statistics shown in this section are of two types. One type is obtained by the "population approach" used by the Bureau of the Census in the Census of Population and the Current Population Survey (see below). This approach involves enumeration and interrogation either by interview or by mail to obtain information on employment activity from workers or members of workers' households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period.

The second type of data is obtained by the "establishment approach," represented by the industry surveys of the Bureau of Labor Statistics and the surveys of the Department of Agriculture's Statistical Reporting Service. These data are based on reports from employers, i.e., farms, businesses, or industrial establishments. Such data as wages, hours worked, labor turnover, and industry affiliation of employees can be more accurately obtained from employers' records than from inquiries directed to a worker or a member of his household. Workers appearing on more than one payroll for the same time period are counted more than once in establishment statistics.

The Census of Population provides detailed data for the United States and for each State, city, and other area. It includes personal characteristics (sex, age, race, etc.) of the numbers employed and unemployed, the numbers reported in each occupation and industry, and other items. The labor force survey provides current data published in *Employment and Earnings and Monthly Report on the Labor Force* and in related publications series of the Bureau of Labor Statistics. Data presented include national totals, by sex, color, and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industries and in agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and broad occupation groups of those employed, duration of unemployment of the unemployed, and work experience and job-seeking intentions of those not in the labor force.

In addition, the Bureau of Labor Statistics, in *Employment and Earnings and Monthly Report on the Labor Force* provides detailed monthly data on nonagricultural employment, unemployment, labor turnover, earnings, and hours worked. These data are shown for broad groupings in the *Monthly Labor Review*, which also presents statistics on wage rates, industrial relations, and output per man-hour. Certain of these data are shown for States and large cities. Historical statistics are shown in the Bureau of Labor Statistics Bulletin No. 1312-4, *Employment and Earnings Statistics for the United States, 1909-66*, and in No. 1370-3, *Employment and Earnings Statistics for States and Areas, 1939-65*.

**Current Population Survey.**—Monthly data on the labor force are collected and compiled for the Bureau of Labor Statistics as a part of the Current Population Survey, a nationwide sample survey conducted by the Bureau of the Census. (See text, p. 1.) According to current computations, the relative sampling error for summary estimates



such as civilian labor force, total employment, and nonagricultural employment is about 0.3 percent; for agricultural employment and for unemployment, it is roughly 2 to 4 percent. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the percentage estimated above for the particular item. The chances are about 19 out of 20 that the difference would be less than twice the specified percentage and about 99 out of 100 that it would be less than  $2\frac{1}{2}$  times the percentage. This sampling variability is illustrative of the variability of data based on the Current Population Survey. For further details, see the original releases of the Bureau of the Census and explanatory notes in the Bureau of Labor Statistics *Employment and Earnings and Monthly Report on the Labor Force*.

Statistics obtained from the Current Population Survey may differ from decennial census data because of sampling variability as well as differences in the training and experience of enumerators and in the enumeration procedures. For further information, see *U.S. Census of Population: 1960*, Vol. I.

**Labor force.**—Effective in January 1967, the lower limit for official statistics on the labor force was raised from 14 to 16 years of age. Data on employment status, collected in the Current Population Survey, relate to activity or status during the calendar week which includes the 12th of the month. Employed persons comprise all persons who, during that week, did any work for pay or profit, worked 15 hours or more as unpaid workers in a family enterprise, or did not work but had jobs or businesses from which they were temporarily absent. Unemployed persons comprise all persons not working during the survey week who had made specific efforts to find a job within the past 4 weeks and who were available for work, and persons who were on layoff from a job or waiting to report to a new job within 30 days. A detailed discussion of the survey and its methodology appears in *Concepts and Methods Used in Manpower Statistics From the Current Population Survey* (Report No. 313), available on request from the Bureau of Labor Statistics.

Labor force data collected in the 1960 Census relate to the first or second week of April for the majority of the population. "Experienced civilian labor force" refers to employed workers and unemployed workers with previous work experience.

**Employment and earnings.**—The monthly estimates of nonagricultural employment prepared by the Bureau of Labor Statistics are based on voluntary reports from establishments which, in March 1965, employed 11 million manufacturing workers (64 percent of total manufacturing employment at that time), 8 million workers in non-manufacturing industries except Government (27 percent of the total in nonmanufacturing industries), and 6 million Federal, State, and local Government employees (63 percent of the total in government). These reports are supplemented by data from other Government agencies and adjusted at intervals to data from tabulations of reports under Government social insurance programs. The monthly estimates exclude persons not normally on establishment payrolls, such as proprietors of unincorporated businesses, self-employed persons, domestic servants, unpaid family workers, agricultural workers, and persons in the Armed Forces. The employment data are for all employees, whether full- or part-time, who received pay for any part of the period reported.

Estimates are available on a continuous basis from 1919 for total nonfarm payroll employment and the 8 major industry divisions. Estimates for other periods are available for several hundred selected industries. Both total employment and production-worker estimates are published for 21 major manufacturing groups, 250 manufacturing subgroups, and 11 mining industries. Also, estimates for nonsupervisory workers are published for individual wholesale trade, retail trade, public utility, and some finance and service industries; estimates for construction workers are published for the contract construction industries; and 363 series are published for the employment of women.

Average weekly hours and average weekly and hourly earnings are available for over 350 series covering production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory workers in other selected nonmanufacturing industries. The earnings data are gross (before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received.

Agricultural employment estimates and wage rates, obtained by means of monthly mail returns, have been issued since 1909 by the Department of Agriculture and appear monthly in *Farm Labor*.

**Output per man-hour.**—The Bureau of Labor Statistics prepares and publishes annual measures of output per man-hour according to two broad concepts. The first, physical output per man-hour, deals with the relationship between production in physical units and man-hours used in production; the second, net output per man-hour, with the relationship between value added (at fixed prices) and man-hours. Both indexes measure the relationship between production and one factor of input—labor time. They do not measure the specific contribution of labor or capital nor do they measure increased efficiency resulting from technological changes or changes in production procedures.

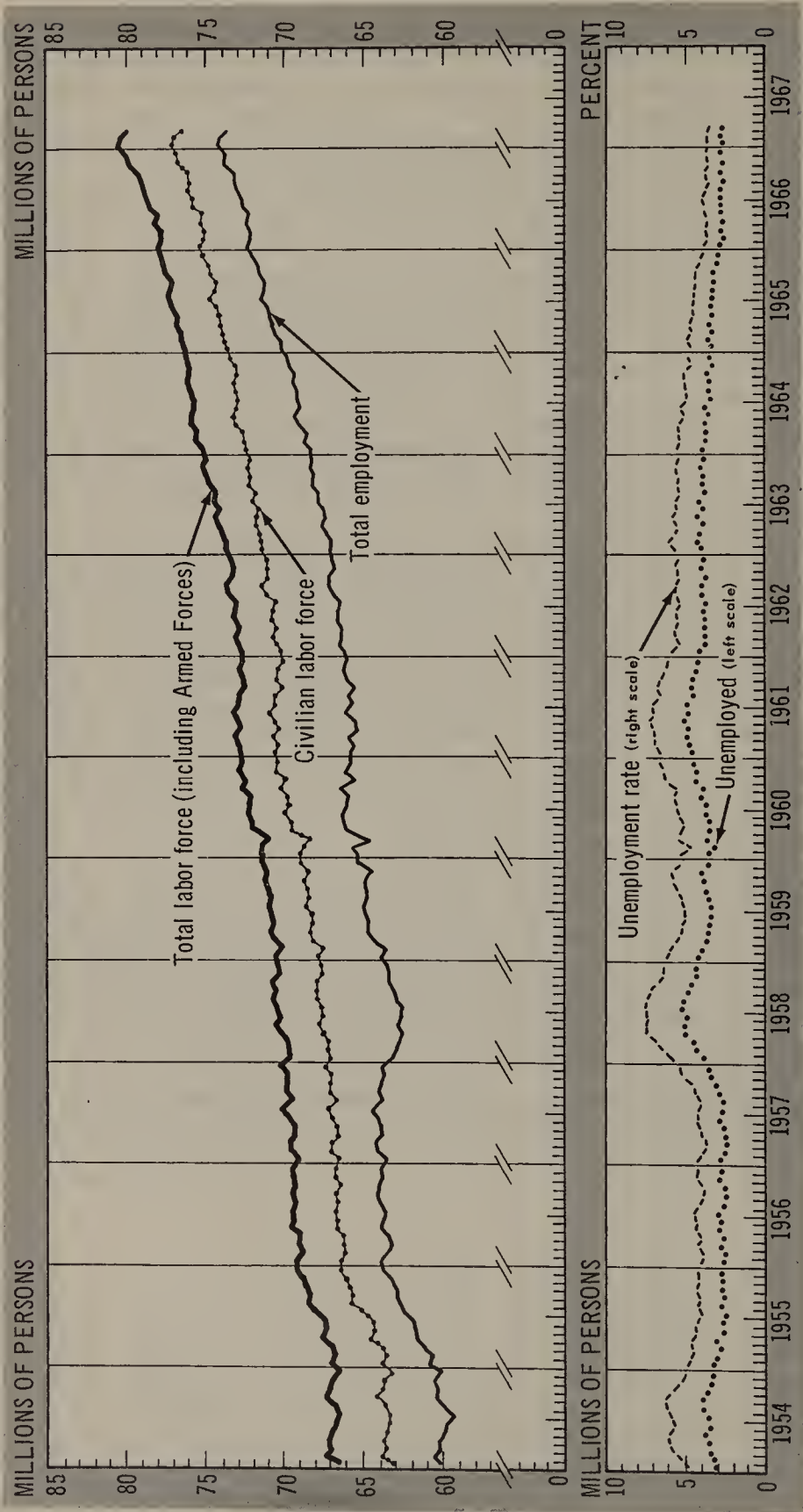
The indexes of output per man-hour for selected industries are based on the physical output per man-hour concept; measurements relating to the total economy and various sectors are based on the net output per man-hour concept. These indexes are influenced by the divergent movements of various industries which make up the total, as well as by changes in the relative importance of these components.

**Labor turnover.**—Labor turnover rates are published monthly in the *Monthly Labor Review* and in *Employment and Earnings and Monthly Report on the Labor Force* for over 220 industries on the basis of reports from cooperating establishments employing over 10 million workers (about 60 percent of the universe surveyed). Labor turnover data are available on a monthly basis from January 1930 for manufacturing as a whole. Labor turnover rates for individual industries and industry groups are available on a continuous basis only from January 1958.

**Work stoppages.**—Statistics on strikes are compiled by the Bureau of Labor Statistics and include stoppages, workers involved, and man-days of idleness. Basic data are obtained from the employers and unions involved in strikes. Knowledge of strikes comes from a variety of sources, including newspapers, State employment services, and State and Federal mediation services. The Bureau prepares annual reports published in the *Monthly Labor Review* and, later, in bulletin form, giving total figures for each month of the year and analyses of strikes by industry, State, city, causes, and other classifications.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XIV. TRENDS IN THE LABOR FORCE: 1954 TO 1967  
[See table 314]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data for 1954-June 1959 from Bureau of the Census; thereafter, Dept. of Labor, Bureau of Labor Statistics.



# NO. 314. EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION, BY SEX AND COLOR: 1947 TO 1967

[In thousands of persons 16 years old and over, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Annual figures are averages of monthly figures. Data for 1950 and 1955 adjusted to reflect changes in definition of employment and unemployment adopted in January 1957. Beginning 1955, labor force and employment figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 Census data through March 1962 and of 1960 Census data thereafter. See *Historical Statistics, Colonial Times to 1957*, series D 1-14 and D 20, for similar but not exactly comparable data]

YEAR OR MONTH, SEX, AND COLOR	Total noninstitutional population	LABOR FORCE							NOT IN LABOR FORCE			
		Total, including Armed Forces	Civilian labor force						Total	Keeping house <sup>1</sup>	In school <sup>1</sup>	Other <sup>1</sup>
			Total	Employed		Unemployed						
				Total	Agri-cultural	Non-agri-cultural	Num-ber	Per-cent				
TOTAL												
1947.....	103, 418	60, 941	59, 350	57, 039	7, 891	49, 148	2, 311	3. 9	42, 477	32, 441	6, 446	6, 962
1950.....	106, 645	63, 858	62, 208	58, 914	7, 160	51, 752	3, 288	5. 3	42, 787	33, 058	6, 197	6, 926
1955.....	112, 732	68, 072	65, 023	62, 168	6, 449	55, 718	2, 852	4. 4	44, 660	33, 722	6, 569	8, 201
1960.....	119, 759	72, 142	69, 628	65, 778	5, 458	60, 318	3, 852	5. 5	47, 617	34, 543	8, 162	9, 538
1962.....	122, 981	73, 442	70, 614	66, 702	4, 944	61, 759	3, 911	5. 5	49, 539	35, 343	9, 572	10, 484
1963.....	125, 154	74, 571	71, 833	67, 762	4, 687	63, 076	4, 070	5. 7	50, 583	35, 322	10, 099	10, 991
1964.....	127, 224	75, 830	73, 091	69, 305	4, 523	64, 782	3, 786	5. 2	51, 394	35, 454	10, 510	11, 208
1965.....	129, 236	77, 178	74, 455	71, 088	4, 361	66, 726	3, 366	4. 5	52, 058	35, 556	11, 094	11, 233
1966.....	131, 180	78, 893	75, 770	72, 895	3, 979	68, 915	2, 875	3. 8	52, 288	35, 316	11, 148	11, 757
Mar.....	130, 599	77, 043	74, 069	71, 083	3, 645	67, 439	2, 986	4. 0	53, 556	35, 285	14, 455	9, 967
1967, Mar.....	132, 627	78, 949	75, 513	72, 560	3, 410	69, 149	2, 954	3. 9	53, 678	34, 882	8, 376	10, 419
MALE												
1947.....	50, 968	44, 258	42, 686	40, 994	6, 643	34, 351	1, 692	4. 0	6, 710	(NA)	(NA)	(NA)
1950.....	52, 352	45, 446	43, 819	41, 574	6, 001	35, 573	2, 239	5. 1	6, 906	81	3, 244	5, 132
1955.....	55, 122	47, 488	44, 475	42, 619	5, 265	37, 354	1, 854	4. 2	7, 634	76	3, 313	6, 042
1960.....	58, 144	48, 870	46, 388	43, 904	4, 472	39, 431	2, 486	5. 4	9, 274	87	4, 097	7, 310
1962.....	59, 626	49, 395	46, 600	44, 177	4, 069	40, 108	2, 423	5. 2	10, 231	111	4, 839	8, 109
1963.....	60, 627	49, 835	47, 129	44, 657	3, 809	40, 849	2, 472	5. 2	10, 792	136	5, 077	8, 377
1964.....	61, 556	50, 387	47, 679	45, 474	3, 691	41, 782	2, 205	4. 6	11, 169	139	5, 219	8, 589
1965.....	62, 473	50, 946	48, 255	46, 340	3, 547	42, 792	1, 914	4. 0	11, 527	143	5, 517	8, 662
1966.....	63, 351	51, 560	48, 471	46, 919	3, 243	43, 675	1, 551	3. 2	11, 792	120	5, 597	8, 939
Mar.....	63, 095	50, 600	47, 660	45, 847	3, 101	42, 746	1, 813	3. 8	12, 496	146	7, 259	8, 134
1967, Mar.....	63, 995	51, 368	47, 967	46, 333	2, 932	43, 401	1, 634	3. 4	12, 627	122	4, 190	8, 314
Nonwhite: <sup>1</sup>												
1955.....	25, 326	(NA)	4, 358	4, 001	710	3, 290	357	8. 2	968	(NA)	(NA)	(NA)
1960.....	25, 952	(NA)	4, 728	4, 220	657	3, 563	508	10. 7	1, 223	(NA)	(NA)	(NA)
1962.....	26, 206	(NA)	4, 739	4, 220	608	3, 611	519	11. 0	1, 468	(NA)	(NA)	(NA)
1963.....	26, 335	(NA)	4, 802	4, 293	527	3, 766	509	10. 6	1, 533	(NA)	(NA)	(NA)
1964.....	26, 439	(NA)	4, 871	4, 429	497	3, 932	443	9. 1	1, 568	18	639	910
1965.....	26, 576	(NA)	4, 945	4, 568	493	4, 075	377	7. 6	1, 631	23	680	927
1966.....	26, 686	(NA)	4, 983	4, 655	392	4, 264	328	6. 6	1, 703	18	719	967
Mar.....	26, 664	(NA)	4, 842	4, 461	330	4, 131	380	7. 9	1, 822	13	918	890
1967, Mar.....	26, 249	(NA)	4, 803	4, 461	363	4, 098	342	7. 1	1, 446	14	549	884
FEMALE												
1947.....	52, 450	16, 683	16, 664	16, 045	1, 248	14, 797	619	3. 7	35, 767	(NA)	(NA)	(NA)
1950.....	54, 293	18, 412	18, 389	17, 338	1, 159	16, 179	1, 049	5. 7	35, 881	32, 977	2, 954	1, 794
1955.....	57, 610	20, 584	20, 548	19, 548	1, 184	18, 364	998	4. 9	37, 026	33, 646	3, 256	2, 160
1960.....	61, 615	23, 272	23, 240	21, 874	986	20, 887	1, 366	5. 9	38, 343	34, 456	4, 065	2, 228
1962.....	63, 355	24, 047	24, 014	22, 525	875	21, 651	1, 488	6. 2	39, 308	35, 232	4, 733	2, 375
1963.....	64, 527	24, 736	24, 704	23, 105	878	22, 227	1, 598	6. 5	39, 791	35, 185	5, 021	2, 615
1964.....	65, 668	25, 443	25, 412	23, 831	832	23, 000	1, 581	6. 2	40, 225	35, 316	5, 291	2, 618
1965.....	66, 763	26, 232	26, 200	24, 748	814	23, 934	1, 452	5. 5	40, 531	35, 413	5, 577	2, 571
1966.....	67, 829	27, 333	27, 299	25, 976	736	25, 240	1, 324	4. 8	40, 496	35, 195	5, 551	2, 818
Mar.....	67, 504	26, 444	26, 410	25, 236	544	24, 692	1, 173	4. 4	41, 060	35, 139	7, 196	1, 833
1967, Mar.....	68, 632	27, 581	27, 546	26, 226	478	25, 748	1, 319	4. 8	41, 051	34, 760	4, 186	2, 105
Nonwhite: <sup>1</sup>												
1955.....	26, 069	(NA)	2, 697	2, 495	310	2, 185	202	7. 5	3, 372	(NA)	(NA)	(NA)
1960.....	26, 726	(NA)	3, 116	2, 821	277	2, 544	295	9. 5	3, 610	(NA)	(NA)	(NA)
1962.....	27, 094	(NA)	3, 237	2, 878	221	2, 657	360	11. 1	3, 857	(NA)	(NA)	(NA)
1963.....	27, 271	(NA)	3, 318	2, 941	221	2, 720	376	11. 3	3, 954	(NA)	(NA)	(NA)
1964.....	27, 437	(NA)	3, 421	3, 052	190	2, 861	369	10. 8	4, 016	2, 970	700	346
1965.....	27, 609	(NA)	3, 503	3, 179	181	2, 998	324	9. 3	4, 106	3, 017	765	324
1966.....	27, 784	(NA)	3, 634	3, 313	136	3, 177	321	8. 8	4, 150	3, 001	790	360
Mar.....	27, 729	(NA)	3, 448	3, 192	57	3, 135	256	7. 4	4, 282	3, 017	1, 022	243
1967, Mar.....	27, 417	(NA)	3, 556	3, 248	57	3, 191	308	8. 7	3, 860	2, 942	613	305

NA Not available. <sup>1</sup> 1947-1966, persons 14 years old and over. <sup>2</sup> Civilian noninstitutional population.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.

No. 315. LABOR FORCE, BY AGE AND SEX: 1945 TO 1967

[In thousands of persons 14 years old and over, except as noted. Prior to 1960, excludes Alaska and Hawaii. Includes Armed Forces abroad. See headnote, table 314. See also *Historical Statistics, Colonial Times to 1957*, series D 13-25]

YEAR OR MONTH	MALE						FEMALE					
	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over
1945.....	46,020	4,530	5,760	19,900	13,370	2,460	19,280	2,720	3,300	8,350	4,420	490
1950.....	46,069	3,444	5,224	20,996	13,952	2,453	18,680	1,982	2,681	8,267	5,167	584
1955.....	48,054	3,378	4,851	22,297	15,002	2,526	20,842	1,987	2,458	9,069	6,546	780
1960.....	49,507	3,821	5,089	22,270	16,039	2,287	23,619	2,409	2,590	9,447	8,266	907
1964.....	51,118	4,307	5,704	22,195	16,788	2,123	25,854	2,732	3,220	9,805	9,129	966
1965.....	51,705	4,591	5,926	22,157	16,899	2,131	26,653	2,940	3,375	10,060	9,301	976
1966.....	52,350	4,913	6,139	22,156	17,054	2,089	27,814	3,361	3,601	10,277	9,612	963
March <sup>1</sup> .....	50,600	3,550	5,939	22,141	16,950	2,020	26,444	2,382	3,460	10,128	9,442	1,030
1967, March <sup>1</sup> .....	51,368	3,717	6,303	22,230	17,130	1,990	27,581	2,559	3,852	10,573	9,626	973

<sup>1</sup> Persons 16 years old and over.

Source: 1945-June 1959, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50 and P-57. Beginning July 1959, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.

No. 316. LABOR FORCE—TOTAL, AND PARTICIPATION RATES, BY COLOR, SEX, AND AGE: 1960, 1965, AND PROJECTIONS, 1970 TO 1980

[In thousands of persons 14 years old and over, except percent. Annual averages. Rate is based on total population as of July 1 and represents the proportion of each age group in the labor force (employed, unemployed, or in the Armed Forces). Projections based on trends in labor force participation rates between 1947 and 1964]

COLOR, SEX, AND AGE	TOTAL LABOR FORCE					PARTICIPATION RATES (percent)				
	1960 <sup>1</sup>	1965	1970	1975	1980	1960 <sup>1</sup>	1965	1970	1975	1980
Total.....	73,081	78,357	85,999	93,646	101,408	57.4	56.7	57.5	57.8	58.3
White.....	65,057	69,678	76,272	82,714	89,137	57.0	56.4	57.2	57.6	58.2
Nonwhite.....	8,024	8,680	9,725	10,931	12,273	60.6	58.8	59.2	59.2	59.3
Male.....	49,563	51,705	55,844	60,281	64,981	79.7	76.9	77.0	76.9	77.2
White.....	44,666	46,531	50,027	53,737	57,596	80.0	77.4	77.3	77.2	77.5
Nonwhite.....	4,897	5,174	5,815	6,543	7,387	77.0	73.3	74.3	74.5	75.0
14 to 19 years.....	3,792	4,591	5,164	5,589	5,744	46.3	43.8	44.4	44.4	44.8
14 to 17 years.....	1,952	2,336	2,574	2,717	2,716	34.4	32.6	32.3	32.1	32.0
18 and 19 years.....	1,840	2,254	2,590	2,872	3,028	73.1	68.3	70.3	69.8	70.2
20 to 24 years.....	4,939	5,926	7,466	8,331	9,064	88.9	86.2	86.6	86.7	87.2
25 to 34 years.....	10,940	10,653	12,063	14,966	17,590	96.4	96.0	96.2	90.2	96.2
35 to 44 years.....	11,454	11,504	10,930	10,703	12,084	96.4	96.2	96.7	96.7	96.7
45 to 54 years.....	9,568	10,131	10,725	10,810	10,219	94.3	94.3	95.0	95.0	95.0
55 to 64 years.....	6,445	6,768	7,388	7,795	8,184	85.2	83.2	84.3	83.9	83.7
65 years and over.....	2,425	2,131	2,108	2,087	2,096	32.2	26.9	25.1	23.4	21.8
Female.....	23,518	26,653	30,155	33,365	36,427	36.1	37.5	39.1	39.9	40.6
White.....	20,391	23,147	26,245	28,977	31,541	35.0	36.5	38.3	39.2	40.0
Nonwhite.....	3,127	3,506	3,910	4,388	4,886	45.5	45.6	45.4	45.3	45.0
14 to 19 years.....	2,408	2,940	3,406	3,739	3,832	30.1	28.9	30.1	30.6	31.0
14 to 17 years.....	1,148	1,375	1,594	1,711	1,711	20.8	19.8	20.7	20.8	20.9
18 and 19 years.....	1,260	1,565	1,812	2,028	2,121	51.0	48.6	50.6	50.6	50.8
20 to 24 years.....	2,558	3,375	4,267	4,865	5,380	46.1	49.7	50.3	51.5	52.6
25 to 34 years.....	4,159	4,336	4,894	6,124	7,347	35.8	38.5	38.6	39.3	40.3
35 to 44 years.....	5,325	5,724	5,555	5,582	6,386	43.1	45.9	47.5	49.0	50.0
45 to 54 years.....	5,150	5,714	6,675	7,024	6,805	49.3	50.5	55.3	57.6	59.5
55 to 64 years.....	2,964	3,587	4,267	4,826	5,337	36.7	40.6	43.8	45.7	47.3
65 years and over.....	954	976	1,091	1,205	1,340	10.5	9.5	9.8	9.8	9.9

<sup>1</sup> Based on revised population estimates; differ from figures in tables 314 and 315.

Source: Dept. of Labor, Bureau of Labor Statistics; *Projections of the Labor Force, 1970-80*, *Labor Force Projections, by Color, 1970-80*, and *Special Labor Force Report*, Nos. 49 and 73.



## No. 317. UNEMPLOYED AND PART-TIME EMPLOYED—SUMMARY: 1950 TO 1967

[In thousands of persons 14 years old and over, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Data for 1950 and 1955 have not been adjusted to reflect changes in definition of employment and unemployment adopted in January 1957. Through March 1960, 1950 Census population data used in estimation; thereafter, 1960 Census. See *Historical Statistics, Colonial Times to 1957*, series D 46 and D 47, for total unemployed and rate]

SUBJECT	1950	1955	1960	1964	1965	1966		1967, March 1
						Total	March 1	March 1
UNEMPLOYED								
Total.....	3, 142	2, 654	3, 931	3, 876	3, 456	2, 976	2, 986	2, 954
Color:								
White.....	(NA)	2, 095	3, 127	3, 064	2, 754	2, 327	2, 357	2, 304
Nonwhite.....	(NA)	558	804	812	702	649	628	650
Age and sex:								
14 to 19 years.....	543	471	792	962	965	938	698	648
Percent of total unemployed.....	17.3	17.7	20.1	24.8	27.9	31.5	23.4	21.9
Male.....	339	292	480	553	545	503	411	372
Female.....	204	179	310	409	420	435	287	276
20 to 24 years.....	526	354	583	660	557	445	477	498
Percent of total unemployed.....	16.7	13.3	14.8	17.0	16.1	15.0	16.0	16.9
Male.....	358	224	369	384	311	221	284	241
Female.....	168	131	214	276	246	224	193	257
25 to 44 years.....	1, 145	1, 001	1, 424	1, 211	1, 076	865	985	968
Percent of total unemployed.....	36.4	37.7	36.2	31.2	31.1	29.1	33.0	32.8
Male.....	761	630	907	668	577	457	583	492
Female.....	384	371	516	543	499	408	402	476
45 to 64 years.....	799	720	1, 009	926	758	636	729	752
Percent of total unemployed.....	25.4	27.1	25.7	23.9	21.9	21.4	24.4	25.5
Male.....	585	512	686	581	474	377	462	466
Female.....	214	208	323	345	284	259	267	286
65 years and over.....	131	109	121	118	102	92	96	90
Percent of total unemployed.....	4.2	4.1	3.1	3.0	3.0	3.1	3.2	3.0
Male.....	112	94	96	85	75	65	74	63
Female.....	18	14	25	33	27	27	22	27
Unemployment rate (percent): <sup>2</sup>								
All workers.....	5.0	4.0	5.6	5.2	4.6	3.9	4.0	3.9
White.....	4.6	3.6	5.0	4.6	4.1	3.4	3.6	3.5
Male.....	4.5	3.4	4.8	4.2	3.6	2.9	3.4	3.0
Female.....	4.9	3.9	5.3	5.5	5.0	4.3	4.0	4.2
Nonwhite.....	8.5	7.9	10.2	9.8	8.3	7.5	7.4	7.9
Male.....	8.9	8.2	10.7	9.1	7.6	6.6	7.9	7.1
Female.....	7.8	7.5	9.5	10.8	9.3	8.8	7.4	8.7
Blue-collar workers.....	7.2	5.8	7.8	6.3	5.3	4.2	5.1	5.0
White-collar workers.....	2.8	1.8	2.6	2.6	2.3	2.0	1.9	2.1
Experienced wage and salary workers.....	5.6	4.3	5.7	5.0	4.2	3.5	4.1	3.8
Married men, wife present.....	(NA)	2.6	3.7	2.8	2.4	1.9	2.4	2.2
Percent without work for—								
4 weeks or less.....	41.6	42.8	45.8	46.1	49.7	55.0	43.4	47.7
5 to 10 weeks.....	24.0	22.5	20.9	20.6	20.5	20.1	20.4	21.0
11 to 14 weeks.....	9.6	8.2	9.0	8.2	8.0	6.9	11.2	12.4
15 to 26 weeks.....	13.5	13.8	12.8	12.6	11.7	9.9	14.5	12.0
Over 26 weeks.....	11.4	12.7	11.5	12.4	10.2	8.1	10.4	7.0
Average duration of unemployment—wks.....	12.1	13.2	12.8	13.3	11.8	10.2	12.5	10.2
PART-TIME EMPLOYED <sup>3</sup>								
Total.....	(NA)	(NA)	2, 860	2, 455	2, 209	1, 960	1, 813	2, 212
Agriculture.....	(NA)	(NA)	300	318	281	246	249	234
Nonagricultural industries.....	(NA)	(NA)	2, 560	2, 137	1, 928	1, 714	1, 564	1, 978

NA Not available. <sup>1</sup> Persons 16 years old and over. <sup>2</sup> Percent of civilian labor force in specified group.

<sup>3</sup> Persons who worked less than 35 hours during survey week for economic reasons, such as slack work, material shortages or repairs, new job started, job terminated, or only part-time work found. Excludes persons with a job but not at work because of vacation, illness, bad weather, or industrial dispute.

## No. 318. PERSONS WITH A JOB BUT NOT AT WORK: 1950 TO 1967

[In thousands of persons 14 years old and over, except as indicated. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 314]

YEAR OR MONTH	ALL INDUSTRIES		Agri- culture	Nonag- ricul- tural indus- tries	REASON FOR NOT WORKING, ALL INDUSTRIES				
	Number	Percent of em- ployed			Bad weather	Indus- trial dispute	Vaca- tion	Illness	All others
1950.....	2, 440	4.1	220	2, 219	151	85	1, 137	718	349
1955.....	2, 682	4.3	184	2, 497	103	61	1, 268	835	416
1960.....	3, 231	4.8	190	3, 042	168	40	1, 576	942	505
1965.....	3, 525	4.9	157	3, 368	79	48	1, 738	1, 039	621
1966.....	3, 612	4.9	134	3, 478	92	66	1, 759	1, 042	653
March <sup>1</sup> .....	2, 368	3.3	123	2, 245	93	57	407	1, 228	582
1967, March <sup>1</sup> .....	2, 513	3.5	137	2, 376	144	45	587	1, 190	547

<sup>1</sup> Persons 16 years old and over.

Source of tables 317 and 318: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*, and unpublished data.



## No. 319. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS: 1940 TO 1967

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, self-employed persons, farm workers, unpaid family workers, domestic servants, and personnel of Armed Forces. Data are annual averages adjusted to March 1965 benchmark levels indicated by data from Government social insurance programs. See *Historical Statistics, Colonial Times to 1957*, series D 48-56, for related data]

YEAR OR MONTH	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,502	3,681	4,202
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,497	4,241	5,944
1950.....	45,222	901	2,333	15,241	4,034	9,386	1,919	5,382	6,026
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,335	6,274	6,914
1960.....	54,234	712	2,885	16,796	4,004	11,391	2,669	7,423	8,353
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,731	7,664	8,594
1962.....	55,596	650	2,902	16,853	3,906	11,566	2,800	8,028	8,890
1963.....	56,702	635	2,963	16,995	3,903	11,778	2,877	8,325	9,225
1964.....	58,332	634	3,050	17,274	3,951	12,160	2,957	8,709	9,596
1965.....	60,770	632	3,181	18,032	4,033	12,683	3,019	9,098	10,091
1966.....	63,864	628	3,281	19,081	4,137	13,220	3,086	9,582	10,850
March.....	62,243	620	2,981	18,651	4,056	12,826	3,043	9,331	10,735
1967, March.....	64,628	610	2,896	19,161	4,168	13,317	3,137	9,841	11,498

## No. 320. CIVILIANS EMPLOYED, BY HOURS WORKED: 1950 TO 1967

[In thousands of persons 14 years old and over, except as noted. During the survey week in May. Prior to 1960, excludes Alaska and Hawaii]

YEAR	EMPLOYED IN AGRICULTURE						EMPLOYED IN NONAGRICULTURAL INDUSTRIES					
	Total	Hours worked				With a job but not at work <sup>1</sup>	Total	Hours worked				With a job but not at work <sup>1</sup>
		1 to 14	15 to 34	35 or more				1 to 14	15 to 34	35 or more		
				Total	Per- cent					Total	Per- cent	
1950.....	8,036	292	1,613	5,970	74.3	161	51,445	1,949	5,149	43,033	83.6	1,314
1955.....	6,945	263	1,372	5,176	74.5	134	55,536	2,440	5,618	45,832	82.5	1,646
1960.....	5,837	366	1,254	4,129	70.7	89	61,371	3,578	7,203	48,594	79.2	1,997
1964.....	5,007	378	1,089	3,448	68.9	92	66,094	4,466	7,817	51,505	77.9	2,304
1965.....	5,128	394	1,162	3,475	67.8	97	67,278	4,403	7,563	53,008	78.8	2,304
1966.....	4,292	386	995	2,806	65.4	105	69,472	4,362	8,409	54,391	78.3	2,310
1967 <sup>2</sup> .....	3,825	286	867	2,577	67.4	95	69,812	3,827	9,646	53,950	77.3	2,390

<sup>1</sup> Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons. <sup>2</sup> Persons 16 years old and over.

Source of tables 319 and 320: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*, and unpublished data.

## No. 321. PERSONS WITH TWO OR MORE JOBS: 1965 AND 1966

[In thousands of persons 14 years old and over, except percent. As of May]

YEAR AND INDUSTRY AND CLASS OF WORKER OF PRIMARY JOB	PERSONS WITH 2 OR MORE JOBS		INDUSTRY AND CLASS OF WORKER OF SECONDARY JOB					
	Total	Rate of multiple job-holding <sup>1</sup>	Agriculture			Nonagricultural industries		
			Total	Wage and salary	Self-employed	Total	Wage and salary	Self-employed
1965.....	3,756	5.2	786	167	619	2,970	2,389	581
1966.....	3,636	4.9	721	139	582	2,915	2,335	580
Agriculture.....	335	7.8	120	83	37	215	212	3
Wage and salary workers.....	88	6.6	56	19	37	32	29	3
Self-employed workers.....	200	8.9	49	49	-	151	151	-
Unpaid family workers.....	47	6.6	15	15	-	32	32	-
Nonagricultural industries.....	3,301	4.8	601	56	545	2,700	2,123	577
Wage and salary workers.....	3,110	5.0	599	54	545	2,511	1,934	577
Self-employed workers.....	177	2.8	2	2	-	175	175	-
Unpaid family workers.....	14	2.5	-	-	-	14	14	-

- Represents zero. <sup>1</sup> Percent of all employed persons in industry—class-of-worker group.

Source: Dept. of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, No. 63 and forthcoming report.

**No. 322. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, ANNUAL AVERAGES—  
STATES: 1960, 1965, AND 1966**

[In thousands. For coverage, see headnote, table 319. National totals differ from the sum of the State figures because a few States prepare combinations of industries, some States have more recent benchmark levels than others, and methods of computation may vary slightly among the States]

STATE	TOTAL			INDUSTRY, 1966							
	1960	1965	1966	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
<b>U.S.</b> .....	54,234	60,770	63,864	628	3,281	19,081	4,137	13,220	3,086	9,582	10,850
<b>N.E.:</b>											
Maine.....	278	294	307	(1)	15	115	17	58	10	<sup>1</sup> 35	57
N.H.....	198	217	231	(Z)	11	96	10	41	9	36	28
Vt.....	107	120	129	1	7	44	7	23	5	23	19
Mass.....	1,910	2,019	2,095	(1)	88	694	107	434	111	<sup>1</sup> 383	278
R.I.....	292	317	329	(1)	14	127	15	60	14	<sup>1</sup> 50	49
Conn.....	917	1,031	1,095	(2)	<sup>2</sup> 52	472	48	196	61	144	122
<b>M.A.:</b>											
N.Y.....	6,182	6,520	6,721	9	260	1,903	483	1,370	509	1,178	1,009
N.J.....	2,018	2,256	2,352	3	111	874	162	459	103	329	311
Pa.....	3,717	3,920	4,082	42	180	1,557	267	747	165	575	549
<b>E.N.C.:</b>											
Ohio.....	3,147	3,357	3,528	19	157	1,399	207	677	134	451	484
Ind.....	1,431	1,631	1,730	8	79	716	95	332	66	179	255
Ill.....	3,522	3,864	4,072	25	171	1,391	282	868	205	597	533
Mich.....	2,351	2,674	2,801	14	112	1,139	139	534	98	343	422
Wis.....	1,192	1,332	1,395	3	65	507	76	288	53	188	215
<b>W.N.C.:</b>											
Minn.....	960	1,082	1,142	15	64	283	82	272	54	172	200
Iowa.....	681	755	807	3	41	212	51	197	37	121	145
Mo.....	1,346	1,476	1,544	8	77	443	120	342	83	229	242
N.Dak.....	126	146	148	2	10	9	12	42	6	25	42
S.Dak.....	142	152	154	2	7	14	10	42	7	26	46
Nebr.....	381	416	432	2	23	75	36	109	26	70	91
Kans.....	559	599	629	13	32	138	51	143	26	88	138
<b>S.A.:</b>											
Del.....	154	184	192	(1)	14	70	11	38	8	<sup>1</sup> 25	26
Md.....	896	1,060	1,135	3	84	279	74	251	58	184	<sup>3</sup> 202
D.C.....	536	618	641	(1)	24	21	31	89	32	<sup>1</sup> 119	<sup>3</sup> 325
Va.....	1,018	1,219	1,285	15	94	339	88	266	57	176	<sup>3</sup> 250
W. Va.....	460	477	492	47	25	132	41	87	14	58	88
N.C.....	1,196	1,426	1,502	3	90	636	77	269	55	164	208
S.C.....	583	686	734	2	48	314	30	120	25	74	121
Ga.....	1,051	1,257	1,323	6	71	427	88	277	63	149	242
Fla.....	1,321	1,619	1,718	11	137	276	116	455	101	296	326
<b>E.S.C.:</b>											
Ky.....	654	758	800	30	50	220	56	162	31	105	146
Tenn.....	926	1,107	1,189	7	64	427	60	231	48	153	199
Ala.....	776	885	929	8	55	292	52	173	38	123	188
Miss.....	404	485	519	6	31	166	27	97	18	60	114
<b>W.S.C.:</b>											
Ark.....	367	455	487	5	33	148	31	97	19	63	91
La.....	790	906	963	51	89	167	89	214	43	129	181
Okla.....	582	648	682	42	35	114	48	153	32	91	167
Tex.....	2,532	2,925	3,096	107	204	620	235	750	159	460	561
<b>Mt.:</b>											
Mont.....	167	181	185	7	11	24	18	44	7	27	47
Idaho.....	155	178	184	4	10	35	14	45	7	27	42
Wyo.....	97	98	98	9	7	7	10	21	4	13	27
Colo.....	515	591	623	13	38	98	46	145	32	102	149
N. Mex.....	236	263	272	16	19	18	20	57	11	50	81
Ariz.....	334	404	431	16	24	77	26	98	22	69	99
Utah.....	265	301	319	12	16	50	22	70	13	45	91
Nev.....	103	157	161	4	9	7	11	31	6	63	30
<b>Pac.:</b>											
Wash.....	813	897	987	2	55	265	66	213	47	133	206
Oreg.....	509	607	637	2	34	166	47	143	29	91	125
Calif.....	4,896	5,772	6,105	33	304	1,521	407	1,323	319	1,001	1,197
Alaska.....	57	71	73	1	6	7	7	11	2	8	31
Hawaii.....	189	219	234	(1)	19	25	17	54	14	<sup>1</sup> 42	63

Z Less than 500. <sup>1</sup> "Mining" combined with "Service and miscellaneous."

<sup>2</sup> "Mining" combined with "Contract construction." <sup>3</sup> Federal employment in the Maryland and Virginia sectors of the Washington, D.C., Standard Metropolitan Statistical Area is included in District of Columbia.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*. Compiled from data supplied by cooperating State agencies.

**No. 323. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER, HOURS, AND EARNINGS OF PRODUCTION WORKERS: 1960 AND 1966**

[Number in thousands. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for contract construction industries, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 319. See *Historical Statistics, Colonial Times to 1957*, series D 48-56, D 626-641, and D 669-684, for related but not comparable data]

INDUSTRY	All employees, average annual number		PRODUCTION WORKERS					
			Average annual number		Average weekly hours		Average hourly earnings	
	1960	1966	1960	1966	1960	1966	1960	1966
<b>Total</b> .....	54, 234	63, 864	(X)	(X)	(X)	(X)	(X)	(X)
<b>Mining</b> .....	712	628	570	488	40.4	42.7	\$2.61	\$3.05
Metal mining.....	94	86	77	71	41.8	42.2	2.66	3.17
Coal mining.....	186	139	165	121	35.5	40.3	3.11	3.61
Crude petroleum and natural-gas.....	309	283	226	197	42.0	42.6	2.46	2.87
Quarrying and nonmetallic mining.....	123	121	103	100	43.7	45.7	2.21	2.69
<b>Contract construction</b> .....	2, 885	3, 281	2, 459	2, 789	36.7	37.6	3.08	3.87
General building contractors.....	908	1, 057	785	911	35.4	36.3	2.93	3.74
Heavy construction.....	586	656	512	566	40.6	41.0	2.84	3.54
Special trade contractors.....	1, 391	1, 568	1, 162	1, 312	35.9	37.0	3.29	4.12
<b>Manufacturing</b> .....	16, 796	19, 081	12, 586	14, 199	39.7	41.3	2.26	2.71
<b>Durable goods</b> .....	9, 459	11, 186	7, 028	8, 301	40.1	42.1	2.43	2.89
Ordinance and accessories.....	220	256	102	120	40.9	42.3	2.65	3.20
Lumber and wood products (except furniture) <sup>2</sup> .....	627	622	561	544	39.0	40.8	1.89	2.27
Logging camps and logging contractors.....	91	97	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sawmills and planing mills.....	288	249	262	227	39.3	40.5	1.71	2.11
Millwork, plywood, and related products.....	147	164	124	138	39.8	41.2	2.05	2.41
Wooden containers.....	42	35	38	32	39.5	41.5	1.57	1.83
Furniture and fixtures <sup>2</sup> .....	383	456	319	378	40.0	41.4	1.88	2.20
Household furniture.....	272	330	233	282	39.8	41.1	1.77	2.08
Office furniture.....	28	33	22	26	41.1	43.2	2.21	2.59
Partitions: office and store fixtures.....	40	46	30	34	40.3	42.0	2.40	2.76
Stone, clay, and glass products <sup>2</sup> .....	604	641	492	515	40.6	42.0	2.28	2.72
Flat glass.....	33	33	29	26	40.4	42.6	3.16	3.60
Glass and glassware, pressed or blown.....	107	123	90	107	39.8	41.0	2.31	2.72
Cement, hydraulic.....	43	38	35	29	40.5	41.7	2.54	3.18
Structural clay products.....	76	69	66	58	40.3	41.1	2.04	2.36
Pottery and related products.....	47	43	40	37	38.2	39.7	2.12	2.49
Concrete, gypsum, and plaster products.....	160	179	127	138	42.1	43.9	2.21	2.67
<b>Primary metal industries<sup>2</sup></b> .....	1, 231	1, 326	994	1, 081	39.0	42.1	2.81	3.28
Blast furnace and basic steel products.....	651	649	528	529	38.2	41.0	3.04	3.53
Iron and steel foundries.....	205	236	173	202	38.8	43.0	2.49	2.98
Nonferrous smelting and refining.....	70	78	54	60	41.1	42.2	2.63	3.08
Nonferrous rolling, drawing, and extruding.....	179	208	136	161	40.7	44.1	2.58	3.09
Nonferrous foundries.....	66	87	55	73	39.8	42.2	2.44	2.83
<b>Fabricated metal products<sup>2</sup></b> .....	1, 135	1, 352	874	1, 052	40.5	42.4	2.43	2.87
Metal cans.....	62	63	54	53	41.4	43.2	2.77	3.25
Cutlery, hand tools, and general hardware.....	135	163	106	129	40.1	41.5	2.31	2.75
Heating equipment and plumbing fixtures.....	78	80	58	60	38.9	40.5	2.34	2.72
Fabricated structural metal products.....	340	399	242	291	40.6	42.1	2.45	2.86
Screw machine products, bolts, etc.....	87	108	69	86	40.5	44.8	2.35	2.86
Metal stampings.....	195	238	159	195	41.6	43.1	2.60	3.09
Coating, engraving, and allied services.....	64	83	54	70	40.2	41.9	2.15	2.55
<b>Machinery<sup>2</sup></b> .....	1, 479	1, 868	1, 036	1, 314	41.0	43.8	2.55	3.08
Engines and turbines.....	86	96	56	66	39.6	42.8	2.77	3.34
Farm machinery and equipment.....	112	146	78	108	40.1	41.9	2.47	3.11
Construction and related machinery.....	221	274	146	188	40.1	43.1	2.56	3.09
Metalworking machinery and equipment.....	261	332	196	252	42.8	46.3	2.74	3.31
Special-industry machinery.....	168	202	118	140	41.9	44.0	2.38	2.88
General industrial machinery.....	227	278	157	187	40.2	43.9	2.53	3.07
Office, computing, and accounting machines.....	147	214	96	127	40.7	42.5	2.61	3.09
Service-industry machines.....	100	116	70	81	40.1	41.6	2.33	2.79
<b>Electrical equipment and supplies<sup>2</sup></b> .....	1, 467	1, 893	996	1, 316	39.8	41.2	2.28	2.64
Electrical distribution equipment.....	164	192	109	132	40.4	42.1	2.43	2.78
Electrical industrial apparatus.....	181	213	124	152	40.1	42.4	2.37	2.78
Household appliances.....	155	182	119	144	39.6	41.4	2.43	2.87
Electric lighting and wiring equipment.....	138	191	107	149	39.4	40.8	2.15	2.50

See footnotes at end of table.



## No. 323. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER, HOURS, AND EARNINGS OF PRODUCTION WORKERS: 1960 AND 1966—Con.

[Number in thousands]

INDUSTRY	All employees, average annual number		PRODUCTION WORKER					
			Average annual number		Average weekly hours		Average hourly earnings	
	1960	1966	1960	1966	1960	1966	1960	1966
<b>Manufacturing—Continued</b>								
<b>Durable goods—Continued</b>								
Electrical equipment and supplies <sup>2</sup> —Con.								
Radio and TV receiving sets.....	107	169	79	135	38.8	40.0	\$2.06	\$2.33
Communication equipment.....	382	465	207	234	40.4	41.7	2.44	2.90
Electronic components and accessories.....	234	374	170	287	39.5	40.4	1.93	2.27
Transportation equipment <sup>2</sup> .....	1,569	1,906	1,107	1,355	47.0	42.6	2.74	3.33
Motor vehicles and equipment.....	724	863	563	671	41.0	42.8	2.81	3.44
Aircraft and parts.....	628	756	370	448	40.9	43.3	2.70	3.30
Ship and boat building and repairing.....	141	172	117	143	39.3	41.4	2.64	3.16
Railroad equipment.....	43	60	32	47	38.7	40.8	2.77	3.36
Instruments and related products.....	354	427	233	275	40.4	42.0	2.31	2.70
Engineering and scientific instruments.....	76	74	43	39	41.4	43.0	2.68	3.08
Mechanical measuring and control devices.....	93	105	62	69	40.0	42.1	2.30	2.73
Optical and ophthalmic goods.....	41	49	31	35	40.1	41.6	2.03	2.45
Surgical, medical, and dental equipment.....	48	65	33	45	40.0	40.7	2.00	2.32
Photographic equipment and supplies.....	69	97	41	56	41.2	43.4	2.56	3.08
Watches and clocks.....	28	37	22	30	39.0	40.8	1.97	2.24
Miscellaneous manufacturing industries <sup>2</sup> .....	390	440	314	352	39.3	40.0	1.89	2.22
Jewelry, silverware, and plated ware.....	44	48	34	38	40.2	41.4	2.00	2.47
Toys, amusement, and sporting goods.....	100	122	84	102	38.7	39.4	1.76	2.00
Pens, pencils, office and art materials.....	30	36	23	26	39.3	40.3	1.83	2.15
Costume jewelry, buttons, and notions.....	60	58	49	48	38.9	39.6	1.70	2.04
<b>Nondurable goods.....</b>	<b>7,336</b>	<b>7,896</b>	<b>5,559</b>	<b>5,898</b>	<b>39.2</b>	<b>40.2</b>	<b>2.05</b>	<b>2.45</b>
Food and kindred products <sup>2</sup> .....	1,790	1,761	1,212	1,166	40.8	41.2	2.11	2.52
Meat products.....	323	320	260	255	40.7	41.1	2.32	2.69
Dairy products.....	316	279	169	127	42.3	42.3	2.13	2.58
Canned and preserved food, except meat.....	246	277	210	234	38.6	39.5	1.78	2.10
Grain-mill products.....	131	124	92	87	44.3	45.1	2.12	2.63
Bakery products.....	301	281	173	163	40.0	40.3	2.10	2.59
Sugar.....	36	37	30	30	43.1	42.4	2.23	2.70
Confectionery and related products.....	78	76	62	62	39.4	39.7	1.76	2.19
Beverages.....	217	227	118	117	40.3	41.1	2.40	2.90
Tobacco manufactures <sup>2</sup> .....	94	84	83	71	38.2	38.8	1.70	2.19
Cigarettes.....	38	39	33	32	38.6	39.2	2.08	2.69
Cigars.....	28	22	26	21	37.4	37.2	1.44	1.77
Textile mill products <sup>2</sup> .....	924	951	895	848	39.5	41.9	1.61	1.96
Cotton broad woven fabrics.....	254	237	238	218	40.1	43.2	1.56	1.98
Silk and synthetic broad woven fabrics.....	84	95	77	86	41.4	43.3	1.65	2.01
Weaving and finishing broad woolens.....	56	44	49	39	40.6	42.7	1.72	2.05
Narrow fabrics and small wares.....	28	32	24	28	39.8	41.8	1.66	1.92
Knitting.....	215	234	195	210	37.7	38.7	1.51	1.85
Finishing textiles, except wool and knit.....	77	76	67	64	40.3	43.2	1.78	2.12
Floor covering.....	38	42	32	35	39.9	42.1	1.76	1.98
Yarn and thread.....	103	115	95	107	38.7	42.4	1.50	1.83
Apparel and related products <sup>2</sup> .....	1,233	1,396	1,098	1,240	35.4	36.4	1.59	1.89
Men's and boys' suits and coats.....	120	121	107	108	36.9	38.3	1.85	2.24
Men's and boys' furnishings.....	304	366	276	331	36.5	37.2	1.33	1.59
Women's, misses', and juniors' outerwear.....	371	426	335	381	33.2	34.2	1.77	2.08
Women's, children's undergarments.....	118	126	104	112	35.8	36.9	1.45	1.71
Hats, caps, and millinery.....	35	28	31	25	35.2	36.5	1.72	1.95
Girls' and children's.....	77	80	68	72	35.3	36.2	1.46	1.74
Fur goods and miscellaneous apparel.....	70	79	61	68	35.6	36.8	1.68	2.00
Paper and allied products.....	601	671	480	522	42.1	43.4	2.26	2.75
Paper and pulp.....	223	219	180	173	43.4	44.8	2.43	3.02
Paperboard.....	69	69	56	54	43.1	45.3	2.44	3.06
Converted paper and paperboard products.....	132	171	102	125	40.8	41.9	2.04	2.48
Paperboard containers and boxes.....	177	212	141	169	41.1	42.5	2.10	2.55
Printing, publishing, and allied industries <sup>2</sup> .....	911	1,026	589	652	38.4	38.8	2.68	3.16
Newspapers.....	325	354	168	179	36.7	36.3	2.88	3.44
Periodicals.....	70	73	30	26	39.7	40.1	2.75	3.24
Books.....	70	88	42	55	40.6	41.8	2.36	2.74
Commercial printing.....	291	326	231	256	39.2	39.8	2.65	3.17
Bookbinding and related industries.....	47	55	38	45	38.1	39.0	2.07	2.42

See footnotes at end of table.

**NO. 323. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER, HOURS, AND EARNINGS OF PRODUCTION WORKERS: 1960 AND 1966—Con.**

[Number in thousands]

INDUSTRY	All employees, average annual number		PRODUCTION WORKERS					
			Average annual number		Average weekly hours		Average hourly earnings	
	1960	1966	1960	1966	1960	1966	1960	1966
<b>Manufacturing—Continued</b>								
<b>Nondurable goods—Continued</b>								
Chemicals and allied products <sup>2</sup> .....	828	954	510	571	41.3	42.1	\$2.50	\$2.98
Industrial chemicals.....	284	300	168	170	41.6	42.3	2.82	3.32
Plastics materials and synthetics.....	155	209	105	138	41.5	42.4	2.51	2.95
Drugs.....	109	127	60	67	40.3	40.8	2.25	2.77
Soap, cleaners, and toilet goods.....	91	108	55	66	40.6	41.5	2.35	2.89
Paints, varnishes, and allied products.....	63	67	37	37	40.7	41.7	2.34	2.82
Agricultural chemicals.....	46	55	32	35	42.9	43.5	1.93	2.41
Petroleum refining and related industries.....	212	183	138	114	41.1	42.4	2.89	3.41
Petroleum refining.....	177	147	113	89	40.8	42.1	3.02	3.60
Other petroleum and coal products.....	35	36	25	25	42.6	43.4	2.32	2.77
Rubber and miscellaneous plastics products <sup>2</sup> .....	379	513	293	401	39.9	42.0	2.32	2.66
Tires and inner tubes.....	105	108	77	76	39.4	44.4	2.96	3.68
Leather and leather products <sup>2</sup> .....	363	357	321	313	36.9	38.6	1.64	1.94
Leather tanning and finishing.....	34	32	30	28	39.3	40.7	2.08	2.50
Footwear, except rubber.....	243	237	216	210	36.5	38.4	1.59	1.87
<b>Transportation and public utilities</b>	4,004	4,137	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Railroad transportation.....	885	717	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Class I railroads <sup>3</sup> .....	781	625	(NA)	(NA)	41.7	44.0	2.61	3.08
Local and interurban passenger transit.....	284	265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Motor freight transportation and storage.....	856	1,009	786	919	41.5	42.5	2.51	3.18
Air transportation.....	191	248	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pipeline transportation.....	23	19	20	16	40.3	41.0	3.09	3.69
Other transportation.....	310	321	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Communication</b>	840	924	688	731	39.6	40.6	2.36	2.92
Telephone.....	706	773	582	616	39.6	40.6	2.26	2.79
Telegraph.....	38	33	28	23	42.2	43.1	2.37	2.97
Radio and television broadcasting.....	92	111	78	90	38.7	39.8	3.13	3.80
Electric, gas, and sanitary services.....	615	635	545	551	41.0	41.5	2.65	3.30
Electric companies and systems.....	253	258	219	219	41.3	41.7	2.66	3.35
Gas companies and systems.....	155	157	139	136	40.6	41.1	2.47	3.06
Combined utility systems.....	175	178	159	159	41.0	41.7	2.86	3.59
Water, steam, and sanitary systems.....	33	42	29	37	41.4	41.2	2.17	2.68
<b>Wholesale and retail trade</b>	11,391	13,220	8,766	11,789	39.1	37.1	1.81	2.13
Wholesale trade.....	3,004	3,459	2,605	2,929	40.5	40.7	2.24	2.73
Retail trade <sup>2</sup> .....	8,388	9,761	6,161	8,860	38.5	35.9	1.62	1.91
General merchandise stores.....	1,568	1,975	1,452	1,816	34.8	33.3	1.41	1.83
Food stores.....	1,356	1,553	1,273	1,442	36.3	33.9	1.68	2.13
Apparel and accessories stores.....	619	659	566	593	34.8	32.9	1.46	1.79
Furniture and appliance stores.....	400	427	361	376	41.2	39.4	1.82	2.29
Eating and drinking places.....	1,654	2,015	(NA)	1,881	(NA)	34.0	(NA)	1.40
<b>Finance, insurance, and real estate</b>	2,669	3,086	(NA)	2,466	(NA)	37.3	(NA)	2.48
Banking.....	673	820	574	684	37.1	37.2	1.81	2.21
Credit agencies other than banks.....	261	334	(NA)	266	(NA)	37.7	(NA)	2.28
Security dealers and exchanges.....	114	140	107	123	(NA)	37.3	(NA)	3.71
Insurance carriers.....	832	901	757	636	(NA)	37.2	(NA)	2.67
Insurance agents, brokers, and services.....	196	240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Real estate.....	517	569	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other finance, insurance, and real estate.....	76	82	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Service and miscellaneous <sup>2</sup></b>	7,423	9,582	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hotels and lodging places.....	565	665	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Personal services.....	894	1,004	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Misc. business services.....	757	1,207	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Motion pictures.....	190	185	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Medical services.....	1,548	2,235	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Government</b>	8,353	10,850	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Federal.....	2,270	2,565	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State and local.....	6,083	8,284	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. <sup>1</sup> 11-month average.

<sup>2</sup> Includes industries not shown separately.

<sup>3</sup> Relates to railroads with operating revenues of \$5,000,000 or more, beginning January 1965.

<sup>4</sup> 8-month average. <sup>5</sup> Excludes messengers.

<sup>6</sup> Excludes eating and drinking places. <sup>7</sup> Money payments only; excludes tips.

<sup>8</sup> Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.



**No. 324. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1966**

[Persons 14 years old and over, except percent. As of March, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Includes institutional population. Figures for 1940 based on complete census revised for comparability with intercensal series. Data for 1944-1966 based on Current Population Survey; see text, p. 1. Beginning 1954, figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 Census data through 1961, and of 1960 Census data beginning March 1962. See table 32. See also *Historical Statistics, Colonial Times to 1957*, series D 33-35]

YEAR	FEMALE LABOR FORCE (1,000)					PERCENT DISTRIBUTION OF FEMALE LABOR FORCE			FEMALE LABOR FORCE AS PERCENT OF FEMALE POPULATION, 14 AND OVER				
	Total	Single	Married		Wid- owed or di- vorced	Single	Mar- ried	Wid- owed or di- vorced	Total	Single	Married		Wid- owed or di- vorced
			Total	Hus- band pres- ent							Total	Hus- band pres- ent	
1940.....	13,840	6,710	5,040	14,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 <sup>1</sup> .....	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 <sup>1</sup> .....	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950.....	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1954 <sup>1</sup> .....	19,726	5,412	11,209	9,923	3,105	27.4	56.8	15.7	33.1	49.0	28.1	26.6	36.0
1955 <sup>1</sup> .....	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1956.....	20,842	5,167	12,278	11,126	3,397	24.8	58.9	16.3	34.2	46.4	30.2	29.0	36.9
1957.....	21,524	5,378	12,696	11,529	3,450	25.0	59.0	16.0	34.8	46.8	30.8	29.6	37.6
1958.....	22,000	5,365	13,032	11,826	3,604	24.4	59.2	16.4	35.0	45.4	31.4	30.2	37.9
1959.....	22,376	5,162	13,586	12,205	3,628	23.1	60.7	16.2	35.2	43.4	32.3	30.9	38.0
1960.....	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1961.....	24,199	5,663	14,612	13,266	3,924	23.4	60.4	16.2	36.8	44.4	34.0	32.7	39.0
1962.....	23,978	5,481	14,770	13,485	3,727	22.9	61.6	15.5	35.7	41.7	33.7	32.7	36.6
1963.....	24,675	5,614	15,362	14,061	3,699	22.8	62.3	15.0	36.1	41.0	34.6	33.7	35.8
1964.....	25,399	5,781	15,790	14,461	3,828	22.8	62.2	15.1	36.5	40.9	35.3	34.4	36.1
1965.....	25,952	5,912	16,154	14,708	3,886	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1966.....	26,820	6,106	16,676	15,178	4,038	22.7	62.2	15.1	37.3	40.8	36.5	35.4	36.4

<sup>1</sup> As of April.

Source: 1940-1958, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1959, Dept. of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, Nos. 2, 13, 20, 26, 40, 50, 64, and 80.

**No. 325. CIVILIAN FEMALE POPULATION—TOTAL AND LABOR FORCE, BY MARITAL STATUS AND AGE: 1966**

[In thousands of persons 14 years old and over, except percent. As of March. Includes institutional population. See headnote, table 314]

MARITAL STATUS AND AGE	Popula- tion	LABOR FORCE		MARITAL STATUS AND AGE	Popula- tion	LABOR FORCE	
		Num- ber	Percent of pop- ulation			Num- ber	Percent of pop- ulation
<b>Total.....</b>	<b>71,828</b>	<b>26,820</b>	<b>37.3</b>	<b>Married, husband pres- ent.....</b>	<b>42,826</b>	<b>15,178</b>	<b>35.4</b>
14 to 19 years.....	10,456	2,787	26.7	14 to 19 years.....	903	310	34.3
20 to 24 years.....	6,906	3,448	49.9	20 to 24 years.....	4,264	1,626	38.1
25 to 34 years.....	11,319	4,400	38.9	25 to 34 years.....	9,289	3,020	32.5
35 to 44 years.....	12,391	5,715	46.1	35 to 44 years.....	10,285	4,249	41.3
45 to 64 years.....	20,370	9,440	46.3	45 to 64 years.....	14,487	5,727	39.5
65 years and over.....	10,386	1,030	9.9	65 years and over.....	3,598	246	6.8
Median age <sup>1</sup> ..... years..	40.9	40.2	(X)	Median age..... years..	41.8	41.5	(X)
<b>Single.....</b>	<b>14,981</b>	<b>6,106</b>	<b>40.8</b>	<b>Other marital status.....</b>	<b>14,021</b>	<b>5,536</b>	<b>39.5</b>
14 to 19 years.....	9,362	2,391	25.5	14 to 19 years.....	191	86	45.0
20 to 24 years.....	2,083	1,513	72.6	20 to 24 years.....	559	309	55.3
25 to 34 years.....	860	696	80.9	25 to 34 years.....	1,170	684	58.5
35 to 44 years.....	622	469	75.4	35 to 44 years.....	1,484	997	67.2
45 to 64 years.....	1,292	900	69.7	45 to 64 years.....	4,591	2,813	61.3
65 years and over.....	762	137	18.0	65 years and over.....	6,026	647	10.7
Median age <sup>1</sup> ..... years..	18.5	22.2	(X)	Median age..... years..	61.5	50.1	(X)

X Not applicable. <sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, No. 80.



## No. 326. WOMEN EMPLOYEES IN SELECTED INDUSTRIES: 1950 TO 1966

[In thousands, except percent. As of October. 1950 excludes Alaska and Hawaii. Data are adjusted to March 1965 benchmark levels indicated by data from Government social insurance programs]

INDUSTRY GROUP	1950		1960		1965		1966	
	Number	Percent of total employment	Number	Percent of total employment	Number	Percent of total employment	Number	Percent of total employment
Manufacturing.....	4,291	26	4,434	26	4,971	27	5,437	28
Durable goods.....	1,481	17	1,677	18	1,984	19	2,303	20
Non-durable goods.....	2,810	37	2,757	37	2,987	38	3,134	39
Mining.....	(NA)	(NA)	35	5	33	5	34	5
Transportation and public utilities.....	(NA)	(NA)	(NA)	(NA)	757	18	800	19
Wholesale trade.....	(NA)	(NA)	701	23	767	23	805	23
Retail trade.....	(NA)	(NA)	3,646	43	4,184	44	4,380	44
Finance, insurance, and real estate.....	(NA)	(NA)	1,346	50	1,510	50	1,563	50

NA Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.

## No. 327. EMPLOYED PERSONS, BY MAJOR OCCUPATION GROUP AND SEX: 1950 TO 1967

[In thousands of persons 14 years old and over, except as noted. Prior to 1960, excludes Alaska and Hawaii. Annual averages except as indicated. Beginning 1965, not strictly comparable with previous years. See *Historical Statistics, Colonial Times to 1957*, series D 72-572, for related but not comparable data]

MAJOR OCCUPATION GROUP AND SEX	1950 <sup>1</sup>	1955 <sup>1</sup>	1960	1965	1966		1967, Mar. <sup>2</sup>
					Average	Mar. <sup>2</sup>	
<b>Total.....</b>	<b>59,648</b>	<b>62,997</b>	<b>66,681</b>	<b>72,179</b>	<b>74,065</b>	<b>71,083</b>	<b>72,560</b>
White-collar workers.....	22,373	24,585	28,726	32,104	33,332	32,633	33,719
Professional, technical, and kindred workers.....	4,490	5,792	7,475	8,883	9,322	9,290	9,942
Managers, officials, and proprietors, exc. farm.....	6,429	6,450	7,067	7,340	7,405	7,349	7,292
Clerical and kindred workers.....	7,632	8,367	9,783	11,166	11,846	11,491	12,031
Sales workers.....	3,822	3,976	4,401	4,715	4,759	4,503	4,454
Blue-collar workers.....	23,336	24,771	24,211	26,466	27,169	26,015	26,312
Craftsmen, foremen, and kindred workers.....	7,670	8,328	8,560	9,221	9,598	9,052	9,572
Operatives and kindred workers.....	12,146	12,762	11,986	13,390	13,880	13,669	13,610
Laborers, except farm and mine.....	3,520	3,681	3,665	3,855	3,691	3,294	3,130
Service workers.....	6,535	7,106	8,349	9,342	9,689	9,068	9,373
Private household workers.....	1,883	1,946	2,216	2,249	2,249	1,936	1,850
Service workers, except private household.....	4,652	5,160	6,133	7,091	7,440	7,132	7,523
Farm workers.....	7,408	6,537	5,395	4,265	3,876	3,370	3,153
Farmers and farm managers.....	4,393	3,739	2,780	2,244	2,095	2,097	1,860
Farm laborers and foremen.....	3,015	2,798	2,615	2,021	1,781	1,273	1,293
<b>Male.....</b>	<b>42,156</b>	<b>43,191</b>	<b>44,485</b>	<b>47,034</b>	<b>47,639</b>	<b>45,487</b>	<b>46,333</b>
White-collar workers.....	13,549	14,305	16,596	17,964	18,330	18,018	18,357
Professional, technical, and kindred workers.....	2,696	3,608	4,768	5,602	5,846	5,770	6,185
Managers, officials, and proprietors, exc. farm.....	5,439	5,454	5,967	6,229	6,239	6,224	6,184
Clerical and kindred workers.....	3,035	2,792	3,154	3,293	3,369	3,299	3,377
Sales workers.....	2,379	2,451	2,707	2,840	2,876	2,725	2,612
Blue-collar workers.....	19,727	20,925	20,573	22,314	22,721	21,706	21,834
Craftsmen, foremen, and kindred workers.....	7,482	8,114	8,338	8,951	9,342	8,825	9,301
Operatives and kindred workers.....	8,810	9,235	8,652	9,620	9,799	9,687	9,491
Laborers, except farm and mine.....	3,435	3,576	3,583	3,743	3,580	3,194	3,042
Service workers.....	2,685	2,657	2,918	3,287	3,426	3,246	3,406
Private household workers.....	125	42	45	57	61	39	44
Service workers except private household.....	2,560	2,615	2,873	3,230	3,365	3,207	3,362
Farm workers.....	6,196	5,305	4,398	3,466	3,163	2,877	2,736
Farmers and farm managers.....	4,154	3,591	2,670	2,112	1,972	1,970	1,785
Farm laborers and foremen.....	2,042	1,714	1,728	1,354	1,191	907	951
<b>Female.....</b>	<b>17,493</b>	<b>19,807</b>	<b>22,196</b>	<b>25,145</b>	<b>26,426</b>	<b>25,236</b>	<b>26,226</b>
White-collar workers.....	8,824	10,280	12,129	14,137	15,003	14,616	15,361
Professional, technical, and kindred workers.....	1,794	2,183	2,706	3,280	3,476	3,521	3,757
Managers, officials, and proprietors, exc. farm.....	990	997	1,099	1,110	1,166	1,125	1,108
Clerical and kindred workers.....	4,597	5,575	6,629	7,873	8,477	8,192	8,654
Sales workers.....	1,443	1,525	1,695	1,874	1,884	1,778	1,842
Blue-collar workers.....	3,608	3,847	3,637	4,153	4,448	4,309	4,478
Craftsmen, foremen, and kindred workers.....	188	215	222	270	257	277	271
Operatives and kindred workers.....	3,336	3,527	3,333	3,772	4,081	3,982	4,119
Laborers, except farm and mine.....	84	105	82	111	110	100	88
Service workers.....	3,850	4,449	5,431	6,057	6,263	5,822	5,967
Private household workers.....	1,758	1,904	2,171	2,195	2,189	1,897	1,806
Service workers, except private household.....	2,092	2,545	3,260	3,862	4,074	3,925	4,161
Farm workers.....	1,212	1,233	998	799	714	493	417
Farmers and farm managers.....	239	148	111	132	124	127	75
Farm laborers and foremen.....	973	1,085	887	667	590	366	342

<sup>1</sup> Based on first month in each quarter. See also footnote 1, table 329. <sup>2</sup> Persons 16 years old and over.

Source: 1950 and 1955, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1960, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*, and *Manpower Report of the President and A Report on Manpower Requirements, Resources, Utilization, and Training*.

## No. 328. EMPLOYED PERSONS, BY OCCUPATION AND COLOR: 1950 TO 1966

[Percent distribution. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 314. Annual averages based on data for January, April, July, and October in 1950 and 1955; thereafter, on 12-months data]

MAJOR OCCUPATION GROUP	WHITE					NONWHITE				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
Total employed.....1,000..	54,286	56,698	59,640	64,432	66,097	5,672	6,496	7,041	7,747	7,968
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers.....	40.3	42.1	46.4	47.5	47.9	10.2	12.0	16.0	19.5	20.8
Professional and technical workers.....	8.0	9.8	12.0	13.0	13.3	3.0	3.5	4.7	6.8	6.9
Managers, officials, and proprietors, except farm.....	11.6	11.1	11.6	11.1	10.9	2.5	2.3	2.5	2.6	2.6
Clerical workers.....	13.8	14.2	15.6	16.3	16.8	3.5	4.9	7.2	8.2	9.4
Sales workers.....	6.9	6.9	7.2	7.1	7.0	1.2	1.3	1.6	1.9	1.9
Blue-collar workers.....	39.3	39.0	35.9	36.2	36.1	37.5	41.8	39.8	40.7	41.7
Craftsmen and foremen.....	13.7	14.1	13.7	13.5	13.6	4.8	5.2	5.9	6.7	7.5
Operatives.....	20.6	20.2	17.7	18.2	18.3	18.6	20.9	20.1	21.3	22.4
Laborers, exc. farm and mine.....	5.0	4.7	4.5	4.5	4.2	14.1	15.8	13.8	12.7	11.7
Service workers.....	8.5	9.0	10.2	10.7	10.9	33.8	31.6	31.8	31.7	31.4
Private household workers.....	1.6	1.8	2.0	2.0	2.0	17.7	14.8	14.3	12.7	11.8
Other service workers.....	6.9	7.2	8.2	8.7	8.9	16.1	16.8	17.5	19.0	19.6
Farm workers.....	11.7	9.9	7.6	5.6	5.1	18.4	14.5	12.4	8.1	6.1
Farmers and managers.....	7.3	6.0	4.3	3.3	3.0	7.5	5.0	3.1	1.8	1.6
Laborers and foremen.....	4.4	3.9	3.3	2.4	2.1	10.9	9.5	9.3	6.3	4.5

Source: 1950, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, P-57, and unpublished data. Thereafter, Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and *Employment and Earnings and Monthly Report on the Labor Force*.

## No. 329. CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX: 1950 TO 1967

[In thousands of persons 14 years old and over, except as noted. See headnote, table 327]

CLASS OF WORKER AND SEX	1950 <sup>1</sup>	1955 <sup>1</sup>	1960	1965	1966		1967, March <sup>2</sup>
					Average	March	
EMPLOYED IN AGRICULTURE							
Male.....	6,280	5,487	4,678	3,729	3,432	3,225	2,932
Wage and salary workers.....	1,504	1,415	1,558	1,243	1,134	992	978
Self-employed workers.....	4,115	3,582	2,687	2,170	2,019	1,993	1,795
Unpaid family workers.....	661	489	433	316	279	240	159
Female.....	1,227	1,243	1,045	856	774	555	479
Wage and salary workers.....	230	285	308	249	235	121	130
Self-employed workers.....	231	149	116	137	128	132	79
Unpaid family workers.....	766	810	621	470	411	303	270
EMPLOYED IN NONAGRICUL- TURAL INDUSTRIES							
Male.....	36,007	37,803	39,807	43,304	44,206	43,168	43,401
Wage and salary workers.....	31,049	32,934	34,689	38,434	39,506	38,445	39,509
In private households.....	238	254	288	334	297	192	180
Government workers.....	3,831	4,234	4,788	5,685	5,950	5,840	6,083
Other wage and salary workers.....	26,980	28,446	29,613	32,415	33,259	32,413	33,246
Self-employed workers.....	4,885	4,809	5,027	4,794	4,634	4,669	3,841
Unpaid family workers.....	74	60	91	77	67	54	51
Female.....	16,443	18,661	21,151	24,289	25,652	25,075	25,748
Wage and salary workers.....	14,929	17,119	19,287	22,331	23,674	23,187	24,055
In private households.....	1,757	1,962	2,201	2,214	2,197	2,223	1,828
Government workers.....	1,986	2,604	3,155	3,938	4,396	4,447	4,847
Other wage and salary workers.....	11,185	12,554	13,931	16,179	17,081	16,517	17,380
Self-employed workers.....	1,184	1,077	1,340	1,419	1,467	1,392	1,224
Unpaid family workers.....	330	465	524	540	511	497	469

<sup>1</sup> Data have not been adjusted to reflect change in definition of employment and unemployment adopted in January 1957. For adjusted totals, see table 314.

<sup>2</sup> Persons 16 years old and over.

Source: 1950-1955, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1960, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.



# No. 330. EXPERIENCED CIVILIAN LABOR FORCE, BY SEX AND OCCUPATION, 1950 AND 1960, AND BY SELECTED CHARACTERISTICS, 1960

[Persons 14 years old and over. For definition, see text, p. 218. For definition of median, see headnote, table 8. "N.e.c." means not elsewhere classified]

SEX AND OCCUPATION	1950	1960				
		Total	Nonwhite		Median earnings, 1959 <sup>1</sup>	Median age of employed
			Number	Percent		
<b>Male</b> .....	42,722,297	45,686,330	4,371,786	9.6	\$4,621	40.6
<b>Professional, technical, and kindred workers</b> .....	3,024,631	4,542,702	159,122	3.5	6,619	38.2
Accountants and auditors.....	328,420	396,343	5,439	1.4	6,611	40.1
Architects.....	22,964	29,720	690	2.3	8,753	41.5
Artists and art teachers.....	49,917	67,518	2,128	3.2	6,143	37.7
Authors, editors, and reporters.....	55,373	85,940	1,200	1.4	6,833	39.1
Chemists.....	68,302	76,967	2,628	3.4	7,163	36.9
Clergymen.....	162,183	197,109	15,141	7.7	4,020	43.0
College presidents, professors, and instructors (n.e.c.).....	96,603	139,508	5,574	4.0	7,207	39.6
Dentists.....	73,450	81,249	2,879	3.5	11,858	46.1
Designers and draftsmen.....	145,885	261,619	6,338	2.4	5,958	32.4
Engineers.....	362,715	552,398	9,472	1.7	8,361	38.0
Aeronautical.....	17,604	51,868	1,090	2.1	9,059	36.0
Civil.....	124,516	157,170	3,295	2.1	7,701	40.2
Electrical.....	106,241	183,636	3,097	1.7	8,613	36.2
Mechanical.....	114,354	159,724	1,990	1.2	8,437	38.8
Other technical engineers.....	165,999	311,780	2,432	0.8	8,304	38.7
Lawyers and judges.....	176,063	205,515	2,575	1.3	10,587	45.3
Musicians and music teachers.....	82,052	86,294	6,815	7.9	4,653	35.8
Natural scientists (n.e.c.).....	36,918	59,111	1,657	2.8	7,658	35.2
Pharmacists.....	81,818	85,482	2,256	2.6	7,202	45.4
Physicians and surgeons.....	181,069	213,918	8,489	4.0	14,561	43.2
Social scientists.....	24,355	42,780	1,022	2.4	7,674	38.1
Social, welfare, and recreation workers <sup>2</sup> .....	33,556	58,347	6,458	11.1	4,961	36.2
Teachers.....	222,682	419,528	30,597	7.3	5,610	36.0
Elementary school.....	62,178	143,936	14,616	10.2	5,220	34.5
Secondary school.....	160,504	275,592	15,981	5.8	5,827	37.0
Teachers (n.e.c.).....	66,516	58,457	3,171	5.4	5,359	37.6
Technicians.....	46,180	141,653	8,009	5.7	5,449	32.2
Medical and dental.....	34,231	52,892	5,302	10.0	4,503	34.6
Electrical and electronic.....	11,949	88,761	2,707	3.0	5,921	31.1
Other professional, technical, and kindred.....	541,611	971,466	34,152	3.5	5,848	36.5
<b>Farmers and farm managers</b> .....	4,207,360	2,406,089	178,747	7.4	2,169	49.2
<b>Managers, officials, and proprietors, exc. farm</b> .....	4,407,925	4,695,203	93,581	2.0	6,664	45.4
Officials and inspectors, State and local administration.....	112,539	135,816	2,682	2.0	5,554	49.7
Other specified managers and officials.....	486,040	604,449	13,234	2.2	6,613	44.2
Managers, officials, and proprietors (n.e.c.)—salaried <sup>3</sup> .....	1,598,750	2,252,255	29,710	1.3	7,389	43.3
Manufacturing.....	395,539	609,914	3,298	0.5	9,156	44.0
Wholesale and retail trade.....	587,810	708,568	11,131	1.6	6,067	41.3
Finance, insurance, and real estate.....	166,047	295,267	4,041	1.4	7,971	43.5
Managers, officials, and proprietors (n.e.c.)—self-employed <sup>3</sup> .....	2,210,596	1,702,683	47,955	2.8	5,764	48.1
Construction.....	201,345	227,940	4,949	2.2	6,577	44.5
Manufacturing.....	231,097	160,141	1,850	1.2	8,076	48.4
Wholesale trade.....	171,441	128,894	3,666	2.8	7,541	49.0
Eating and drinking places.....	217,071	145,869	8,220	5.6	4,886	48.4
Retail trade, exc. eating and drinking places.....	965,385	680,897	15,480	2.3	5,223	48.4
<b>Clerical and kindred workers</b> .....	2,723,092	3,120,137	212,771	6.8	4,785	38.0
Bookkeepers.....	170,446	152,961	3,004	2.0	4,444	38.8
Mail carriers.....	164,463	197,402	21,768	11.0	5,289	40.4
Other clerical and kindred workers.....	2,388,183	2,769,774	187,999	6.8	4,736	37.7
<b>Sales workers</b> .....	2,642,022	3,054,979	63,879	2.1	4,987	39.2
Insurance agents, brokers, underwriters.....	250,755	333,126	6,305	1.9	6,173	40.2
Real estate agents and brokers.....	122,319	148,957	3,095	2.1	5,978	50.5

See footnotes at end of table.



No. 330. EXPERIENCED CIVILIAN LABOR FORCE, BY SEX AND OCCUPATION, 1950  
AND 1960, AND BY SELECTED CHARACTERISTICS, 1960—Continued

[Persons 14 years old and over]

SEX AND OCCUPATION	1950	1960				
		Total	Nonwhite		Median earnings, 1959 <sup>1</sup>	Median age of employed
			Number	Percent		
<b>Male—Continued</b>						
<b>Sales workers—Continued</b>						
Other specified sales workers.....	162,369	275,926	10,763	3.9	\$783	17.3
Salesmen and sales clerks (n.e.c.) <sup>2</sup> .....	2,106,579	2,296,970	43,716	1.9	4,982	39.7
Manufacturing.....	310,917	423,623	2,710	0.6	6,719	40.2
Wholesale trade.....	397,363	483,001	4,528	0.9	6,037	41.2
Retail trade.....	1,294,689	1,252,619	34,629	2.8	3,894	38.6
<b>Craftsmen, foremen, and kindred workers.....</b>	<b>7,958,853</b>	<b>8,972,749</b>	<b>443,623</b>	<b>4.9</b>	<b>5,240</b>	<b>41.8</b>
Bakers.....	110,598	94,183	8,078	8.6	4,552	42.5
Blacksmiths, forgemen, and hammermen.....	58,505	33,025	1,698	5.1	4,655	47.9
Boilermakers.....	38,697	26,827	825	3.1	5,496	44.7
Cabinetmakers and patternmakers.....	111,679	107,718	2,642	2.5	5,142	42.5
Carpenters.....	987,365	920,862	48,699	5.3	4,164	43.4
Compositors and typesetters.....	167,791	167,046	4,559	2.7	5,758	40.2
Cranemen, derrickmen, and hoistmen.....	106,850	131,398	13,100	10.0	5,251	42.2
Electricians.....	323,883	352,806	7,605	2.2	5,959	40.8
Foremen (n.e.c.).....	786,345	1,117,338	20,944	1.9	6,616	44.5
Manufacturing, durable goods.....	278,882	433,314	4,900	1.1	7,347	43.8
Manufacturing, nondurable goods (incl. not specified manufacturing).....	188,981	262,595	4,395	1.7	6,404	44.4
Nonmanufacturing (incl. not reported).....	318,482	421,429	11,649	2.8	6,107	45.3
Linemen and servicemen, telegraph, telephone, and power.....	211,795	272,579	4,664	1.7	6,000	33.7
Locomotive engineers.....	73,027	57,561	285	0.5	7,667	53.9
Locomotive firemen.....	55,955	39,008	923	2.4	5,983	39.3
Machinists and jobsetters.....	551,435	548,579	15,114	2.8	5,498	42.2
Masons, tilesetters, and stonecutters.....	184,402	213,194	26,222	12.3	4,793	37.9
Mechanics and repairmen.....	827,194	921,884	62,545	6.8	4,531	38.4
Airplane.....	73,108	116,800	5,374	4.6	5,898	37.9
Automobile.....	677,365	700,716	51,875	7.4	4,298	38.4
Radio and TV.....	76,721	104,368	5,296	5.1	4,304	35.8
Other mech., repairmen, and loom fixers.....	973,137	1,375,025	76,621	5.6	4,836	42.0
Millwrights.....	59,953	67,792	1,273	1.9	5,995	44.8
Molders, metal.....	62,874	50,564	11,875	23.5	4,759	41.0
Painters (construction), paperhangers, and glaziers.....	454,422	432,842	33,228	7.7	3,727	45.2
Plasterers and cement finishers.....	96,511	100,205	22,826	22.8	4,646	39.8
Plumbers and pipefitters.....	295,732	329,983	12,611	3.8	5,593	42.2
Printing craftsmen, exc. compositors and typesetters.....	110,667	127,202	3,306	2.6	6,208	38.6
Shoemakers and repairers, except factory.....	56,607	35,509	4,630	13.0	2,899	51.8
Stationary engineers.....	217,649	273,896	6,373	2.3	6,296	44.0
Structural metal workers.....	55,087	65,885	3,275	5.0	5,543	41.1
Tailors and furriers.....	80,781	36,546	2,704	7.4	4,060	56.4
Tinsmiths, coppersmiths, and sheet metal.....	128,838	143,777	3,420	2.4	5,485	39.4
Toolmakers, and die makers and setters.....	155,894	185,395	1,815	1.0	6,527	42.1
Other craftsmen and kindred workers.....	615,180	744,120	41,763	5.6	4,800	40.9
<b>Operatives and kindred workers.....</b>	<b>8,566,269</b>	<b>9,233,779</b>	<b>1,023,854</b>	<b>11.1</b>	<b>4,299</b>	<b>38.4</b>
Apprentices.....	116,789	85,282	2,647	3.1	3,486	22.9
Assemblers.....	239,947	375,952	28,948	7.7	4,491	36.9
Attendants, auto service and parking.....	241,480	370,201	36,923	10.0	2,296	25.8
Brakemen and switchmen, railroad.....	142,107	124,302	3,683	3.0	5,642	41.1
Bus drivers.....	152,940	166,273	17,928	10.8	4,411	44.7
Checkers, examiners, and inspectors, mfg.....	163,000	277,504	9,920	3.6	5,240	40.5
Filers, grinders, and polishers, metal.....	148,620	149,837	12,417	8.3	5,051	41.7
Furnacemen, smeltermen, and pourers.....	56,283	55,800	13,305	23.8	5,096	41.8
Laundry and dry cleaning operatives.....	148,852	115,748	44,340	38.3	2,948	41.1
Meat cutters, exc. slaughter, pack. house.....	173,339	180,173	8,920	5.0	4,644	41.1
Mine operatives and laborers (n.e.c.).....	600,601	329,398	17,272	5.2	4,240	40.2
Packers and wrappers (n.e.c.).....	123,041	191,457	31,556	16.5	3,333	32.4
Painters, exc. construction and maintenance.....	109,018	133,511	14,879	11.1	4,245	38.5
Power station operators.....	20,951	25,674	438	1.7	6,238	44.0
Sailors and deckhands.....	51,022	40,379	5,439	13.5	4,294	38.8
Sawyers.....	96,694	92,187	16,876	18.3	2,775	40.5
Spinners and weavers, textile.....	84,188	49,098	574	1.2	3,599	40.6
Stationary firemen.....	126,487	91,955	11,958	13.0	4,800	47.3
Taxicab drivers and chauffeurs.....	210,312	166,248	31,705	19.1	3,272	45.6

See footnotes at end of table.

**NO. 330. EXPERIENCED CIVILIAN LABOR FORCE, BY SEX AND OCCUPATION, 1950  
AND 1960, AND BY SELECTED CHARACTERISTICS, 1960—Continued**

[Persons 14 years old and over]

SEX AND OCCUPATION	1950	1960			
		Total	Nonwhite		Median earnings, 1959 <sup>1</sup>
			Number	Percent	
<b>Male—Continued</b>					
<b>Operatives and kindred workers—Con.</b>					
Truck drivers and deliverymen <sup>4</sup> .....	1,632,405	2,080,754	277,965	13.4	\$4,221
Welders and flame-cutters.....	266,833	368,445	24,787	6.7	5,026
Other specified operatives and workers.....	325,429	256,131	21,366	8.3	4,240
Operatives and kindred workers (n.e.c.).....	3,335,931	3,507,463	390,008	11.1	4,374
Manufacturing.....	2,783,127	2,934,354	298,919	10.2	4,447
Durable goods.....	1,456,662	1,610,729	167,666	10.4	4,542
Nondurable goods.....	1,318,699	1,317,445	129,986	9.9	4,316
Not specified manufacturing industries.....	7,766	6,180	1,267	20.5	3,543
Nonmanufacturing (incl. not reported) <sup>5</sup> .....	552,804	573,115	91,089	15.9	3,950
Transportation, communication, and other public utilities.....	169,412	137,660	17,282	12.6	4,669
Wholesale and retail trade.....	158,507	159,569	29,326	18.4	3,443
Private household workers.....	77,860	65,013	31,498	48.4	1,078
Service workers, exc. private household.....	2,508,713	2,745,288	590,689	21.5	3,310
Barbers.....	179,928	175,216	16,734	9.6	3,716
Charwomen, janitors, and porters <sup>5</sup> .....	639,462	754,066	290,295	38.5	2,756
Cooks.....	213,278	215,978	59,107	27.4	3,397
Elevator operators.....	65,832	51,677	11,410	22.1	3,359
Firemen, fire protection.....	111,200	138,694	3,533	2.5	5,469
Guards and watchmen.....	244,187	250,421	14,742	5.9	3,950
Policemen, sheriffs, and marshals <sup>6</sup> .....	216,176	276,976	10,803	3.9	5,210
Waiters, bartenders, and counter workers.....	369,451	331,013	49,117	14.8	2,975
Other service workers.....	469,199	551,247	134,948	24.5	2,062
Farm laborers and foremen.....	2,063,625	1,289,827	309,028	24.0	1,066
Unpaid family workers.....	600,111	158,946	21,998	13.8	649
Exc. unpaid, and farm foremen.....	1,463,514	1,130,881	287,030	25.4	1,124
Laborers, except farm and mine.....	3,634,332	3,404,973	887,450	26.1	2,948
Fishermen and oystermen.....	76,586	40,480	5,231	12.9	2,395
Longshoremen and stevedores.....	71,763	60,302	22,898	38.0	4,710
Lumbermen, raftsmen, and woodchoppers.....	187,518	135,197	40,744	30.1	1,748
Other specified laborers.....	431,141	520,463	132,357	25.4	2,566
Laborers (n.e.c.).....	2,867,324	2,648,531	686,220	25.9	3,049
Manufacturing.....	1,079,578	898,399	218,318	24.3	3,623
Nonmanufacturing (incl. not reported).....	1,787,746	1,750,132	467,902	26.7	2,680
Occupation not reported.....	907,615	2,155,591	377,544	17.5	4,114
Female.....	16,507,234	22,303,748	2,848,334	12.8	2,257
<b>Professional, technical, and kindred workers.....</b>	<b>1,975,847</b>	<b>2,792,997</b>	<b>201,060</b>	<b>7.2</b>	<b>3,625</b>
Accountants and auditors.....	56,884	80,483	2,008	2.5	4,209
Actors, dancers, and entertainers (n.e.c.).....	23,569	24,679	1,061	4.3	1,880
Artists and art teachers.....	30,862	37,187	1,010	2.7	3,433
Authors, editors, and reporters.....	33,672	45,608	568	1.2	3,339
College presidents, professors, and instructors (n.e.c.).....	29,267	39,168	2,250	5.7	4,780
Designers and draftsmen.....	19,430	24,943	860	3.4	4,122
Dietitians and nutritionists.....	21,515	24,757	3,951	16.0	2,916
Lawyers and judges.....	6,348	7,543	197	2.6	5,199
Librarians.....	49,597	72,431	3,694	5.1	3,572
Musicians and music teachers.....	79,907	111,235	4,202	3.8	1,301
Natural scientists.....	13,654	15,052	928	6.2	4,970
Nurses, professional.....	395,638	577,038	37,685	6.5	3,186
Nurses, student professional.....	75,344	56,745	2,172	3.8	622
Physicians and surgeons.....	11,823	15,672	1,581	10.1	5,517
Social scientists.....	11,677	14,375	497	3.5	4,578
Social, welfare, and recreation workers <sup>2</sup> .....	60,291	78,017	9,650	12.4	4,074
Teachers.....	826,394	1,111,721	101,512	9.1	4,120
Elementary school.....	616,208	866,746	81,945	9.5	4,033
Secondary school.....	210,186	244,975	19,567	8.0	4,427
Teachers (n.e.c.).....	17,727	93,960	6,909	7.4	2,655
Technicians, medical and dental.....	44,154	87,944	6,855	7.8	3,180
Therapists and healers (n.e.c.).....	12,393	20,204	1,198	5.9	3,522
Other.....	155,701	254,235	12,272	4.8	3,720
Farmers and farm managers.....	118,021	119,818	18,095	15.1	836

See footnotes at end of table.



**No. 330. EXPERIENCED CIVILIAN LABOR FORCE, BY SEX AND OCCUPATION, 1950  
AND 1960, AND BY SELECTED CHARACTERISTICS, 1960—Continued**

[Persons 14 years old and over]

SEX AND OCCUPATION	1950	1960				
		Total	Nonwhite		Median earnings, 1959 <sup>1</sup>	Median age of employed
			Number	Percent		
<b>Female—Continued</b>						
<b>Managers, officials, and proprietors, exc. farm</b> .....	688, 214	794, 286	31, 095	3.9	\$3, 355	47.9
Specified managers and officials.....	129, 590	163, 189	4, 185	2.6	3, 509	47.6
Managers, officials, and proprietors (n.e.c.)—salaried.....	218, 598	341, 193	10, 606	3.1	3, 701	45.6
Managers, officials, and proprietors (n.e.c.)—self-employed.....	340, 026	289, 904	16, 304	5.6	2, 429	50.3
<b>Clerical and kindred workers</b> .....	4, 408, 498	6, 497, 350	236, 440	3.6	3, 017	36.0
Bookkeepers.....	568, 258	783, 309	11, 285	1.4	3, 002	39.1
Cashiers.....	190, 932	386, 834	14, 454	3.7	1, 964	36.8
Office-machine operators.....	120, 348	236, 413	11, 799	5.0	3, 242	30.6
Secretaries.....	781, 324	1, 451, 639	28, 384	2.0	3, 368	34.5
Stenographers.....	416, 844	264, 157	7, 469	2.8	3, 340	32.7
Telephone operators.....	350, 073	356, 186	9, 398	2.6	3, 188	35.8
Typists.....	339, 875	516, 844	34, 667	6.7	2, 801	29.3
Other clerical and kindred workers.....	1, 640, 844	2, 501, 968	118, 984	4.8	2, 852	37.6
<b>Sales workers</b> .....	1, 383, 134	1, 746, 362	49, 686	2.8	1, 498	43.3
Insurance and real estate agents and brokers <sup>2</sup> .....	45, 979	82, 889	3, 663	4.4	3, 018	47.0
Other specified sales workers.....	25, 428	71, 808	2, 318	3.2	773	39.3
Salesmen, sales clerks (n.e.c.), retail trade.....	1, 240, 816	1, 471, 694	39, 872	2.7	1, 475	43.4
Salesmen, sales clerks (n.e.c.), exc. retail trade.....	70, 911	119, 971	3, 833	3.2	1, 638	42.0
<b>Craftsmen, foremen, and kindred workers</b> .....	246, 068	268, 234	19, 525	7.3	2, 927	43.6
Foremen (n.e.c.).....	69, 621	81, 717	3, 369	4.1	3, 497	45.0
Other craftsmen and kindred workers.....	176, 447	186, 517	16, 156	8.7	2, 601	42.9
<b>Operatives and kindred workers</b> .....	3, 188, 051	3, 612, 265	383, 831	10.6	2, 319	41.1
Assemblers.....	156, 957	310, 802	17, 306	5.6	2, 908	39.3
Checkers, examiners, and inspectors, mfg.....	185, 772	236, 631	10, 425	4.4	2, 886	41.5
Dressmakers, seamstresses, except factory.....	142, 896	119, 510	10, 963	9.2	1, 401	55.3
Laundry and dry cleaning operatives.....	301, 993	296, 294	112, 031	37.8	1, 616	42.7
Spinners and weavers, textile.....	103, 392	68, 841	486	0.7	2, 696	43.0
Other specified operatives and kindred workers.....	881, 371	1, 094, 612	80, 441	7.3	2, 202	40.7
Operatives and kindred workers (n.e.c.).....	1, 415, 670	1, 485, 575	152, 179	10.2	2, 401	40.4
Manufacturing.....	1, 295, 522	1, 370, 880	129, 847	9.5	2, 439	40.3
Nonmanufacturing (incl. not reported).....	120, 148	114, 695	22, 332	19.5	1, 738	41.2
<b>Private household workers</b> .....	1, 413, 689	1, 759, 804	958, 875	54.5	684	44.8
Private household workers—living in.....	204, 100	159, 679	42, 175	26.4	1, 178	51.6
Private household workers—living out <sup>3</sup> .....	1, 209, 589	1, 600, 125	916, 700	57.3	658	44.2
<b>Service workers, exc. private household</b> .....	2, 014, 857	3, 020, 193	590, 053	19.5	1, 385	41.7
Attendants, hospital and other institution.....	125, 173	300, 979	73, 254	24.3	1, 840	39.6
Charwomen, janitors, and porters <sup>4</sup> .....	133, 724	213, 267	56, 650	26.6	1, 332	48.8
Cooks.....	252, 412	381, 078	89, 688	23.5	1, 337	47.5
Hairdressers and cosmetologists.....	194, 474	271, 623	34, 482	12.7	1, 993	39.5
Housekeepers, stewards, exc. priv. hhld.....	85, 291	121, 811	12, 775	10.5	2, 118	51.3
Practical nurses and midwives.....	140, 439	208, 267	35, 788	17.2	1, 839	48.5
Waiters, bartenders, and counter workers.....	649, 551	916, 976	69, 728	7.6	1, 055	35.4
Other service workers.....	433, 793	606, 192	217, 688	35.9	1, 207	43.4
<b>Farm laborers and foremen</b> .....	469, 000	269, 697	91, 390	33.9	602	40.0
Unpaid family workers.....	320, 543	125, 392	15, 890	12.7	624	42.9
Except unpaid family workers and farm foremen.....	148, 457	144, 305	75, 500	52.3	600	36.4
<b>Laborers, except farm and mine</b> .....	139, 849	125, 049	30, 003	24.0	1, 872	39.1
<b>Occupation not reported</b> .....	462, 006	1, 297, 693	238, 281	18.4	2, 187	39.7

<sup>1</sup> Based on persons with earnings in 1959. <sup>2</sup> Includes group workers.

<sup>3</sup> Includes other industries not shown separately. <sup>4</sup> Includes tractor drivers.

<sup>5</sup> Includes sextons. <sup>6</sup> Includes constables, detectives, and bailiffs. <sup>7</sup> Includes underwriters.

<sup>8</sup> Includes all babysitters, whether living in or living out.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.



# No. 331. INDEXES OF OUTPUT PER MAN-HOUR, HOURLY COMPENSATION, AND UNIT LABOR COSTS IN THE PRIVATE ECONOMY: 1947 TO 1966

[1957-59=100. Prior to 1960, excludes Alaska and Hawaii. Employee compensation includes wages and salaries, and employer contributions to social security, private insurance and pension funds, compensation for injuries and other minor items of labor income. All person compensation includes, in addition, estimates of wages, salaries, and supplemental benefits for the self-employed. Nonlabor payments are the difference between labor payments and gross product in current dollars]

ITEM	1947	1950	1955	1960	1963	1964	1965	1966
<b>Output per man-hour:</b>								
Total private economy:								
Output per man-hour—all persons.....	69.1	80.5	94.0	105.0	117.6	122.1	125.5	129.0
Output per man-hour—employees.....	74.7	85.2	95.4	103.7	114.1	117.9	120.6	122.3
Private nonfarm sector:								
Output per man-hour—all persons.....	74.3	84.6	95.7	104.4	115.6	119.9	122.4	125.3
Output per man-hour—employees.....	74.9	85.5	95.5	104.1	114.4	118.5	120.7	122.6
<b>Compensation per man-hour:</b>								
Total private economy:								
Compensation per man-hour—all persons.....	54.9	64.9	84.6	108.5	122.0	128.2	132.9	141.6
Real compensation per man-hour—all persons.....	70.6	77.4	90.7	105.2	114.3	118.6	120.9	125.2
Compensation per man-hour—employees.....	55.7	65.8	85.5	107.9	120.1	125.8	130.3	137.8
Real compensation per man-hour—employees.....	71.6	78.5	91.6	104.7	112.6	116.4	118.6	121.8
Private nonfarm sector:								
Compensation per man-hour—all persons.....	56.3	66.6	85.9	108.4	120.4	126.1	130.2	137.5
Real compensation per man-hour—all persons.....	72.4	79.5	92.1	105.1	112.8	116.7	118.5	121.6
Compensation per man-hour—employees.....	55.8	66.0	85.8	108.3	120.0	125.7	129.7	136.9
Real compensation per man-hour—employees.....	71.7	78.8	92.0	105.0	112.5	116.3	118.0	121.0
<b>Prices and costs:</b>								
Total private economy:								
Total payments per unit of output.....	76.3	81.5	91.7	103.0	106.0	107.4	109.1	112.0
Unit labor costs—all persons.....	79.4	80.6	90.0	103.3	103.7	104.9	105.9	109.8
Unit nonlabor payments.....	71.3	83.1	94.5	102.5	110.0	111.3	114.4	115.7
Private nonfarm sector:								
Total payments per unit of output.....	73.5	80.0	91.6	103.2	106.3	107.7	109.2	111.8
Unit labor costs—all persons.....	75.7	78.7	89.8	103.8	104.1	105.2	106.3	109.8
Unit nonlabor payments.....	69.6	82.3	94.7	102.1	110.0	111.9	114.1	115.2
<b>Underlying data:</b>								
Total private economy:								
Gross product in 1958 dollars.....	67.6	77.9	95.4	106.6	120.8	127.5	135.3	142.5
Gross product in current dollars.....	51.6	63.5	87.5	109.8	128.1	136.9	147.6	159.6
All person man-hours.....	97.8	96.8	101.5	101.5	102.7	104.4	107.8	110.5
Employee man-hours.....	90.5	91.4	100.0	102.8	105.9	108.1	112.2	116.5
Compensation in current dollars—all persons.....	53.7	62.8	85.9	110.1	125.3	133.8	143.3	156.5
Compensation in current dollars—employees.....	50.4	60.1	85.5	110.9	127.2	136.0	146.2	160.5
Nonlabor payments in current dollars—all persons.....	48.2	64.7	90.2	109.3	132.9	141.9	154.8	164.9
Private nonfarm sector:								
Gross product in 1958 dollars.....	66.8	77.0	95.1	106.7	121.4	128.6	136.4	144.3
Gross product in current dollars.....	49.1	61.6	87.1	110.1	129.0	138.5	148.9	161.3
All person man-hours.....	89.9	91.0	99.4	102.2	105.0	107.3	111.4	115.2
Employee man-hours.....	89.2	90.1	99.6	102.5	106.1	108.5	113.0	117.7
Compensation in current dollars—all persons.....	50.6	60.6	85.4	110.8	126.4	135.3	145.0	158.4
Compensation in current dollars—employees.....	49.8	59.5	85.5	111.0	127.3	136.4	146.6	161.1
Nonlabor payments in current dollars.....	46.5	63.4	90.1	108.9	133.6	143.9	155.7	166.2
Consumer price index.....	77.8	83.8	93.3	103.1	106.7	108.1	109.9	113.1

Source: Dept. of Labor, Bureau of Labor Statistics; annual releases, *Indexes of Output Per Man-Hour, Hourly Compensation, and Unit Labor Costs in the Private Sector of the Economy and the Nonfarm Sector*.

## No. 332. OUTPUT PER MAN-HOUR IN THE PRIVATE ECONOMY: 1947 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. Output per man-hour refers to constant (1958) dollar value of goods and services produced in relation to hours of all persons employed, including proprietors and unpaid family workers. Man-hour estimates based primarily on data from reports specified; see text, p. 217. See *Historical Statistics, Colonial Times to 1957*, series W 9-11, for indexes on a 1947-49 base]

YEAR	INDEXES (1957-59=100)						PERCENT CHANGE BASED ON ESTABLISHMENT REPORTS <sup>1</sup>		
	Based on labor force reports			Based on establishment reports			Total	Farm	Nonfarm
	Total	Farm	Nonfarm	Total	Farm	Nonfarm			
1947.....	67.9	49.8	72.9	69.1	49.8	74.3	(X)	(X)	(X)
1950.....	78.5	64.1	82.4	80.5	64.4	84.6	8.2	14.0	6.3
1955.....	94.7	84.0	96.7	94.0	84.4	95.7	4.4	0.8	4.5
1960.....	104.5	110.7	103.8	105.0	110.7	104.4	1.5	5.6	1.3
1965.....	124.2	149.0	120.9	125.5	148.8	122.4	2.8	11.3	2.1
1966.....	128.5	155.6	124.3	129.0	155.8	125.3	2.8	4.7	2.4

X Not applicable. <sup>1</sup> Change from preceding calendar year.

Source: Dept. of Labor, Bureau of Labor Statistics; annual releases, *Indexes of Output Per Man-Hour For the Private Economy*.

### No. 333. INDEXES OF OUTPUT PER MAN-HOUR—ALL EMPLOYEES AND PRODUCTION WORKERS, SELECTED INDUSTRIES: 1950 TO 1965

[1957-59=100. Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series W 13-32 and W 44, for indexes on a 1947 base]

INDUSTRY	OUTPUT PER PRODUCTION WORKER MAN-HOUR					OUTPUT PER ALL EMPLOYEE MAN-HOUR				
	1950	1955	1960	1964 (prel.)	1965 (prel.)	1950	1955	1960	1964 (prel.)	1965 (prel.)
<b>NONMANUFACTURING</b>										
Air transportation <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	55.7	89.5	107.1	153.4	172.0
Coal mining <sup>2 3 4</sup> .....	61.6	87.7	111.4	142.6	150.9	(NA)	(NA)	(NA)	(NA)	(NA)
Bituminous coal <sup>3 4</sup> .....	61.9	88.1	111.5	142.7	151.3	(NA)	(NA)	(NA)	(NA)	(NA)
Copper (recoverable metal) <sup>3 4</sup> .....	84.3	90.0	104.6	125.2	118.3	(NA)	(NA)	(NA)	(NA)	(NA)
Iron (usable ore) <sup>3 4</sup> .....	93.6	111.3	104.7	131.2	129.1	(NA)	(NA)	(NA)	(NA)	(NA)
Railroad transportation (revenue traffic) <sup>5</sup> .....	71.1	88.3	111.1	143.9	159.8	72.8	89.4	110.4	142.5	157.5
Gas and electric utilities <sup>6</sup> .....	52.3	81.3	115.7	153.3	160.0	54.6	82.5	114.7	149.1	155.6
<b>MANUFACTURING</b>										
Beet sugar <sup>7 8</sup> .....	75.4	(NA)	108.7	125.5	(NA)	73.7	(NA)	109.1	126.9	(NA)
Candy and other confectionery prod- ucts <sup>7 8</sup> .....	71.7	88.0	107.6	119.4	(NA)	70.6	87.8	107.9	123.5	(NA)
Canning and preserving <sup>7 8</sup> .....	76.1	90.0	108.5	123.6	(NA)	78.8	92.2	108.3	124.1	(NA)
Cement <sup>8</sup> .....	67.5	92.1	105.7	141.8	(NA)	69.2	93.5	104.7	135.1	(NA)
Concrete products <sup>7 8</sup> .....	72.1	93.2	94.1	114.3	(NA)	74.8	94.0	96.2	112.9	(NA)
Flour and other grain-mill products <sup>7 8</sup> .....	69.7	86.8	104.2	130.7	(NA)	72.4	87.5	103.9	133.0	(NA)
Footwear <sup>8</sup> .....	84.4	92.7	103.2	107.0	(NA)	85.0	93.4	103.0	107.9	(NA)
Glass containers <sup>7 8</sup> .....	95.1	99.7	100.4	112.0	(NA)	96.7	100.4	100.4	112.2	(NA)
Hosiery <sup>7 8</sup> .....	72.9	83.3	107.7	147.5	(NA)	74.0	83.9	108.1	148.0	(NA)
Malt liquors <sup>7 8</sup> .....	77.8	87.2	108.9	139.8	(NA)	78.2	87.7	110.9	143.1	(NA)
Man-made fibers <sup>8</sup> .....	(NA)	(NA)	103.4	129.3	(NA)	(NA)	(NA)	103.0	128.3	(NA)
Paper, paperboard, and pulp mills <sup>8</sup> .....	78.4	90.4	109.5	134.4	(NA)	81.5	92.4	108.2	132.6	(NA)
Petroleum refining <sup>7 8</sup> .....	68.3	87.8	115.9	154.0	(NA)	71.4	89.3	114.8	151.8	(NA)
Primary aluminum <sup>7 8</sup> .....	69.3	82.2	121.3	138.6	(NA)	72.4	85.0	121.4	141.7	(NA)
Primary smelting and refining of copper, lead, and zinc <sup>8</sup> .....	84.5	98.7	105.2	122.8	(NA)	88.5	101.0	106.0	125.2	(NA)
Steel <sup>8</sup> .....	87.7	99.8	99.6	114.7	119.7	93.9	105.2	98.6	116.6	121.5
Tires and inner tubes <sup>7 8</sup> .....	82.7	86.2	111.5	147.7	(NA)	86.5	89.2	111.1	149.3	(NA)
Tobacco products <sup>7 8</sup> .....	80.4	83.2	114.0	130.8	(NA)	81.2	84.2	112.9	129.5	(NA)
Cigars <sup>7 8</sup> .....	66.0	74.0	123.4	165.0	(NA)	67.0	74.9	122.7	166.6	(NA)
Cigarettes, chewing and smoking tobacco, and snuff <sup>7 8</sup> .....	96.2	92.2	107.8	112.8	(NA)	96.4	92.9	106.5	110.8	(NA)

NA Not available. <sup>1</sup> For this industry, indexes refer to output per all employee rather than output per all employee man-hour.

<sup>2</sup> Includes anthracite and bituminous coal. <sup>3</sup> Man-hours paid.

<sup>4</sup> Adjusted to levels indicated by 1939, 1954, 1958, and 1963 Censuses of Mineral Industries.

<sup>5</sup> Class I line-haul railroads and switching and terminal companies; in terms of hours worked plus constructive allowances.

<sup>6</sup> For this industry indexes refer to output per nonsupervisory worker man-hour rather than output per production worker man-hour.

<sup>7</sup> Adjusted to levels indicated by 1947, 1954, 1958, and 1963 Censuses of Manufactures. <sup>8</sup> Man-hours worked.

Source: Dept. of Labor, Bureau of Labor Statistics; *Indexes of Output Per Man-Hour for Selected Industries, 1939 and 1947-65*.

### No. 334. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—NUMBER, EARNINGS, AND HOURS: 1940 TO 1967

[Prior to 1960, excludes Alaska and Hawaii. Workers include all full- and part-time employees who worked during, or received pay for, any part of pay period including 12th of month. Net spendable average weekly earnings represent average gross earnings less social security and income taxes. Overtime defined as work in excess of either straight-time workday or workweek and paid for at time and one-half. See *Historical Statistics, Colonial Times to 1957*, series D 626-628, for related but not comparable data]

YEAR	Workers, annual average (1,000)	Gross average weekly earnings	NET SPENDABLE AVERAGE WEEKLY EARNINGS				Average weekly hours	AVERAGE HOURLY EARNINGS	
			Worker with no dependents		Worker with 3 dependents			Gross	Exclud- ing overtime
			Current dollars	1957-59 dollars	Current dollars	1957-59 dollars			
1940 -----	8,940	\$24.96	\$24.46	\$50.12	\$24.71	\$50.64	38.1	\$0.66	(NA)
1945 -----	13,009	44.20	36.82	58.72	42.59	67.93	43.5	1.02	<sup>1</sup> \$0.95
1950 -----	12,523	53.32	50.26	59.98	56.36	67.26	40.5	1.44	1.39
1955 -----	13,288	75.70	62.51	67.00	69.79	74.80	40.7	1.86	1.79
1960 -----	12,586	89.72	72.57	70.39	80.11	77.70	39.7	2.26	2.20
1964 -----	12,781	102.97	84.40	78.08	92.18	85.27	40.7	2.53	2.44
1965 -----	13,413	107.53	89.08	81.06	96.78	88.06	41.2	2.61	2.50
1966 -----	14,199	111.92	91.25	80.68	99.11	87.63	41.3	2.71	2.59
1967, March -----	14,128	112.44	91.42	79.50	99.30	86.35	40.3	2.79	2.68

NA Not available. <sup>1</sup> 11-month average; August 1945 excluded because of V-J day holiday period.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.



### No. 335. HOURLY AND WEEKLY EARNINGS IN CURRENT AND 1966 PRICES, SELECTED INDUSTRIES: 1940 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. Includes overtime. Data are for production workers in manufacturing, construction workers in contract construction, and nonsupervisory employees in retail trade]

TYPE OF EARNINGS AND YEAR	MANUFACTURING						CONTRACT CONSTRUCTION		RETAIL TRADE	
	Total		Durable		Nondurable					
	Current prices	1966 prices <sup>1</sup>	Current prices	1966 prices <sup>1</sup>	Current prices	1966 prices <sup>1</sup>	Current prices	1966 prices <sup>1</sup>	Current prices <sup>2</sup>	1966 prices <sup>1</sup>
HOURLY										
1940-----	\$0.66	\$1.53	\$0.72	\$1.67	\$0.59	\$1.37	(NA)	(NA)	\$0.49	\$1.14
1945-----	1.02	1.84	1.10	1.99	.89	1.61	(NA)	(NA)	.70	1.26
1950-----	1.44	1.94	1.52	2.05	1.35	1.82	\$1.86	\$2.51	1.05	1.42
1955-----	1.86	2.25	1.99	2.41	1.67	2.02	2.45	2.97	1.34	1.62
1960-----	2.26	2.48	2.43	2.66	2.05	2.25	3.08	3.38	1.62	1.78
1964-----	2.53	2.65	2.71	2.83	2.29	2.40	3.55	3.71	1.75	1.83
1965-----	2.61	2.69	2.79	2.87	2.36	2.43	3.69	3.80	1.82	1.87
1966-----	2.71	2.71	2.89	2.89	2.45	2.45	3.87	3.87	1.91	1.91
WEEKLY										
1940-----	24.96	57.91	28.07	65.13	21.83	50.65	(NA)	(NA)	21.34	49.51
1945-----	44.20	79.78	48.36	87.29	37.48	67.65	(NA)	(NA)	28.59	51.61
1950-----	58.32	78.70	62.43	84.25	53.48	72.17	69.68	94.04	43.16	58.25
1955-----	75.70	91.76	82.19	99.62	66.63	80.76	90.90	110.18	53.06	64.32
1960-----	89.72	98.38	97.44	106.84	80.36	88.11	113.04	123.95	62.37	68.39
1964-----	102.97	107.71	112.19	117.35	90.91	95.09	132.06	138.14	64.75	67.73
1965-----	107.53	110.63	117.18	120.56	94.64	97.37	138.01	141.99	66.61	68.53
1966-----	111.92	111.92	121.67	121.67	98.49	98.49	145.51	145.51	68.57	68.57

NA Not available. <sup>1</sup> Earnings in current prices divided by consumer price index on base 1966=100.

<sup>2</sup> Beginning 1964, includes eating and drinking places.

Source: Executive Office of the President, Council of Economic Advisers. Based on Dept. of Labor data.

### No. 336. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—PERCENT DISTRIBUTION BY AVERAGE HOURLY EARNINGS, BY REGIONS: 1958 AND 1964

[1958, excludes Alaska and Hawaii. Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. For composition of regions, see fig. 1, p. xii]

AVERAGE HOURLY EARNINGS	UNITED STATES		NORTHEAST		SOUTH		NORTH CENTRAL		WEST	
	Workers	Cumulative workers	Workers	Cumulative workers	Workers	Cumulative workers	Workers	Cumulative workers	Workers	Cumulative workers
<b>May 1958</b>										
Number of workers 1,000.....	11,245		3,994		2,422		3,772		1,056	
Average hourly earnings.....	\$1.97		\$1.94		\$1.63		\$2.13		\$2.26	
Under \$1.20.....	13.2		10.9		32.5		5.9		3.4	
\$1.20 to \$1.39.....	9.8	22.9	11.7	22.6	15.8	48.3	5.6	11.4	3.5	6.9
\$1.40 to \$1.59.....	8.9	31.8	11.0	33.6	9.8	58.2	7.2	18.6	4.8	11.6
\$1.60 to \$1.79.....	9.8	41.7	11.7	45.3	8.8	66.9	9.5	28.1	6.7	18.4
\$1.80 to \$1.99.....	10.2	51.8	10.9	56.2	6.5	73.4	11.8	39.8	10.4	28.8
\$2.00 to \$2.19.....	11.8	63.7	11.5	67.8	5.6	79.1	14.6	54.4	17.8	46.6
\$2.20 to \$2.39.....	11.7	75.4	10.1	77.8	6.0	85.1	16.1	70.5	15.3	61.9
\$2.40 to \$2.59.....	8.5	84.0	7.8	85.6	4.9	90.0	10.5	81.0	12.8	74.7
\$2.60 to \$2.79.....	6.1	90.0	5.4	91.1	3.5	93.5	6.9	87.8	11.3	86.0
\$2.80 to \$2.99.....	4.2	94.3	3.7	94.7	3.2	96.7	5.3	93.0	5.5	91.4
\$3.00 and over.....	5.7	100.0	5.3	100.0	3.3	100.0	7.0	100.0	8.6	100.0
<b>March 1964</b>										
Number of workers 1,000.....	12,576		4,169		2,913		4,154		1,340	
Average hourly earnings.....	\$2.30		\$2.29		\$1.90		\$2.47		\$2.67	
Under \$1.25.....	0.7		0.3		1.8		0.5		0.1	
\$1.25 to \$1.39.....	12.2	12.9	9.9	10.2	28.3	30.1	6.1	6.6	3.6	3.7
\$1.40 to \$1.59.....	9.8	22.7	10.4	20.6	16.2	46.3	6.3	12.9	4.1	7.8
\$1.60 to \$1.79.....	8.2	30.9	9.2	29.8	10.6	56.9	6.9	19.8	4.6	12.4
\$1.80 to \$1.99.....	7.8	38.7	8.9	38.7	7.5	64.4	7.4	27.2	5.7	18.1
\$2.00 to \$2.19.....	8.7	47.4	10.0	48.7	7.1	71.5	8.9	36.1	7.7	25.8
\$2.20 to \$2.39.....	8.6	56.0	9.8	58.5	5.7	77.2	9.3	45.4	9.4	35.2
\$2.40 to \$2.59.....	9.0	65.0	9.3	67.8	5.2	82.4	10.5	55.9	11.4	46.6
\$2.60 to \$2.79.....	9.5	74.5	8.4	76.2	4.4	86.8	13.4	69.3	11.4	58.0
\$2.80 to \$2.99.....	7.6	82.1	6.9	83.1	3.7	90.5	10.4	79.7	10.2	68.2
\$3.00 and over.....	17.9	100.0	16.9	100.0	9.5	100.0	20.3	100.0	31.8	100.0

Source: Dept. of Labor, Bureau of Labor Statistics; *Factory Workers' Earnings*, May 1958 (Bulletin No. 1252) and unpublished data.



**No. 337. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—HOURS AND GROSS EARNINGS, BY STATES: 1960, 1965, AND 1966**

STATE	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1960	1965	1966	1960	1965	1966	1960	1965	1966
<b>United States <sup>1</sup></b> .....	<b>\$89.72</b>	<b>\$107.53</b>	<b>\$111.92</b>	<b>39.7</b>	<b>41.2</b>	<b>41.3</b>	<b>\$2.26</b>	<b>\$2.61</b>	<b>\$2.71</b>
<b>New England:</b>									
Maine.....	71.15	85.08	89.23	40.2	41.3	41.5	1.77	2.06	2.15
New Hampshire.....	70.45	84.25	87.95	39.8	40.9	41.1	1.77	2.06	2.14
Vermont.....	76.59	92.01	98.90	41.4	42.4	43.0	1.85	2.17	2.30
Massachusetts.....	81.96	98.74	104.60	39.2	40.3	40.7	2.09	2.45	2.57
Rhode Island.....	73.70	88.51	92.39	39.2	40.6	40.7	1.88	2.18	2.27
Connecticut.....	93.26	113.25	121.82	40.2	42.1	43.2	2.32	2.69	2.82
<b>Middle Atlantic:</b>									
New York.....	89.61	106.40	111.35	38.8	39.7	40.2	2.31	2.68	2.77
New Jersey.....	93.93	112.34	117.29	39.6	41.0	41.3	2.37	2.74	2.84
Pennsylvania.....	89.86	107.73	110.98	38.9	40.5	40.8	2.31	2.66	2.72
<b>East North Central:</b>									
Ohio.....	104.13	127.02	131.56	40.0	42.2	42.4	2.60	3.01	3.10
Indiana.....	100.49	121.66	126.54	40.0	41.7	41.9	2.51	2.92	3.02
Illinois.....	97.70	117.28	123.04	40.0	41.4	41.7	2.45	2.83	2.95
Michigan.....	112.00	143.79	145.10	40.8	44.6	43.3	2.75	3.22	3.35
Wisconsin.....	96.32	114.55	120.68	40.6	41.7	42.0	2.37	2.75	2.87
<b>West North Central:</b>									
Minnesota.....	95.07	112.20	116.13	40.4	41.2	41.5	2.36	2.72	2.80
Iowa.....	93.68	113.36	119.71	39.8	40.7	41.2	2.35	2.78	2.91
Missouri.....	87.57	105.51	110.70	39.1	40.3	40.7	2.24	2.62	2.72
North Dakota.....	81.85	100.38	104.73	41.4	42.5	42.3	1.97	2.36	2.48
South Dakota.....	90.90	103.81	110.35	45.0	43.8	45.6	2.02	2.37	2.42
Nebraska.....	87.41	103.67	106.63	42.0	43.1	43.1	2.08	2.40	2.47
Kansas.....	95.82	113.95	119.74	40.6	42.3	42.9	2.36	2.69	2.79
<b>South Atlantic:</b>									
Delaware.....	91.01	114.96	116.44	39.4	41.5	41.0	2.31	2.77	2.84
Maryland.....	90.63	107.94	112.06	40.1	41.2	41.2	2.26	2.62	2.72
District of Columbia <sup>2</sup> .....	97.61	113.51	119.18	39.2	40.2	40.4	2.49	2.82	2.95
Virginia.....	70.62	87.56	90.69	39.9	41.5	41.6	1.77	2.11	2.18
West Virginia.....	93.27	110.70	114.21	38.7	40.4	40.5	2.41	2.74	2.82
North Carolina.....	61.14	75.17	79.49	39.7	41.3	41.4	1.54	1.82	1.92
South Carolina.....	63.27	78.77	82.32	40.3	41.9	42.0	1.57	1.88	1.96
Georgia.....	65.40	82.61	86.11	39.4	41.1	41.2	1.66	2.01	2.09
Florida.....	76.07	91.37	96.05	40.9	42.3	42.5	1.86	2.16	2.26
<b>East South Central:</b>									
Kentucky.....	83.92	102.91	104.30	39.4	41.0	40.9	2.13	2.51	2.55
Tennessee.....	73.23	85.27	88.13	39.8	40.8	40.8	1.84	2.09	2.16
Alabama.....	75.65	93.63	96.33	39.4	41.8	41.7	1.92	2.24	2.31
Mississippi.....	60.50	74.98	78.85	39.8	41.2	41.5	1.52	1.82	1.90
<b>West South Central:</b>									
Arkansas.....	62.71	75.03	78.25	40.2	41.0	41.4	1.56	1.83	1.89
Louisiana.....	86.71	107.87	113.48	40.9	42.3	42.5	2.12	2.55	2.67
Oklahoma.....	85.47	101.22	104.67	40.7	42.0	41.7	2.10	2.41	2.51
Texas.....	89.19	103.91	107.94	41.1	41.9	42.0	2.17	2.48	2.57
<b>Mountain:</b>									
Montana.....	96.04	114.80	118.15	39.2	41.0	40.6	2.45	2.80	2.91
Idaho.....	90.00	106.00	111.11	40.0	40.0	40.7	2.25	2.65	2.73
Wyoming.....	95.25	108.39	113.19	37.5	37.9	38.5	2.54	2.86	2.94
Colorado.....	98.25	116.18	118.53	40.6	41.2	41.3	2.42	2.82	2.87
New Mexico.....	82.58	93.79	93.03	39.7	40.6	40.1	2.08	2.31	2.32
Arizona.....	99.14	113.85	118.28	40.3	41.1	41.5	2.46	2.77	2.85
Utah.....	98.89	114.45	119.36	40.2	40.3	40.6	2.46	2.84	2.94
Nevada.....	113.30	126.88	132.51	41.2	39.9	40.4	2.75	3.18	3.28
<b>Pacific:</b>									
Washington.....	101.78	122.06	129.03	38.7	39.5	39.7	2.63	3.09	3.25
Oregon.....	97.04	117.01	120.78	38.1	39.8	39.6	2.55	2.94	3.05
California.....	104.28	123.83	128.93	39.8	40.6	40.8	2.62	3.05	3.16
Alaska.....	(NA)	159.47	164.97	(NA)	43.1	42.3	(NA)	3.70	3.90
Hawaii.....	(NA)	89.60	98.58	(NA)	39.3	40.4	(NA)	2.28	2.44

NA Not available.

<sup>1</sup> For 1960, Alaska and Hawaii included in U.S. averages but individual State data not available.

<sup>2</sup> Represents Washington, D.C., Standard Metropolitan Statistical Area.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*. Compiled from data supplied by cooperating State agencies.

No. 338. MEDIAN EARNINGS OF MALE CIVILIANS BY OCCUPATION OF LONGEST JOB: 1958 TO 1965

[In dollars. Covers persons 14 years old and over as of March of year following year shown. Earnings relate to longest job held in year shown. Based on sample; see text, p. 1. For definition of median, see headnote, table 8]

OCCUPATION GROUP	ALL WORKERS				YEAR-ROUND FULL-TIME WORKERS			
	1958	1960	1963	1965	1958	1960	1963	1965
Total with earnings.....	4,068	4,392	5,032	5,339	4,888	5,368	5,980	6,388
Professional, technical, and kindred workers.....	6,132	6,566	7,373	7,668	6,730	7,115	7,987	8,459
Self-employed.....	9,945	9,188	10,809	10,360	11,231	10,858	11,783	11,799
Medical and other health workers.....	11,805	10,833	12,425	13,015	(B)	12,777	12,678	13,670
Other self-employed workers.....	8,934	8,250	9,000	8,523	(B)	(B)	10,932	10,208
Salaried.....	5,938	6,444	7,227	7,547	6,514	6,954	7,825	8,269
Engineers, technical.....	7,738	8,241	9,185	9,958	8,151	8,740	9,512	10,375
Medical and other health workers.....	(B)	5,272	6,500	6,656	(B)	(B)	(B)	7,388
Teachers, elementary and secondary schools.....	5,393	5,589	6,097	6,732	5,651	6,063	6,950	7,077
Other salaried workers.....	5,559	6,131	6,794	7,164	6,075	6,643	7,477	7,879
Farmers and farm managers.....	1,555	1,572	1,842	2,630	1,878	2,004	2,273	3,098
Managers, officials, and proprietors, except farm.....	5,599	6,158	6,984	7,538	5,909	6,648	7,339	7,895
Self-employed.....	4,787	4,774	5,502	6,188	5,145	5,258	5,782	6,765
In retail trade.....	4,336	4,440	5,053	5,877	4,527	4,757	5,280	5,983
Other self-employed workers.....	5,338	5,140	5,923	6,632	5,772	5,950	6,368	7,417
Salaried.....	6,247	7,154	7,799	8,080	6,561	7,472	8,115	8,531
Clerical and kindred workers.....	4,356	4,806	5,260	5,511	4,864	5,291	5,864	6,280
Except secretaries, stenographers, and typists.....	4,351	4,801	5,257	5,512	4,856	5,285	5,857	6,292
Salesworkers.....	4,133	4,517	5,129	5,552	5,371	5,842	6,537	7,226
In retail trade.....	2,704	3,105	3,600	4,467	4,333	4,760	5,610	6,077
Other salesworkers.....	5,227	5,616	6,091	6,326	6,082	6,512	7,073	7,721
Craftsmen, foremen, and kindred workers.....	4,832	5,312	5,830	6,270	5,346	5,826	6,317	6,751
Foremen.....	6,088	6,554	6,941	7,594	6,245	6,796	7,038	7,681
Craftsmen.....	4,638	5,146	5,652	6,062	5,200	5,670	6,173	6,583
In construction.....	4,540	4,952	5,511	5,782	5,361	5,900	6,429	6,713
Other craftsmen, foremen, and kindred workers.....	4,660	5,187	5,683	6,135	5,167	5,634	6,121	6,562
Operatives and kindred workers.....	3,895	4,201	4,809	5,046	4,502	4,997	5,543	5,782
Manufacturing.....	4,065	4,461	4,999	5,553	4,586	5,054	5,597	5,967
Durable goods.....	4,178	4,713	5,184	5,681	4,750	5,212	5,730	6,137
Nondurable goods.....	3,831	4,060	4,516	5,239	4,305	4,554	5,313	5,628
Other operatives and kindred workers.....	3,660	3,837	4,599	4,291	4,428	4,915	5,478	5,543
Service workers, except private household.....	3,018	2,928	3,292	3,436	3,961	4,088	4,437	4,874
Waiters, cooks, and bartenders.....	2,951	2,513	3,156	3,715	3,570	4,010	4,083	4,880
Other service workers.....	3,029	3,044	3,345	3,396	4,042	4,100	4,497	4,868
Farm laborers and foremen.....	460	476	554	734	1,479	1,686	1,687	2,274
Laborers, except farm and mine.....	2,287	2,342	2,340	2,410	3,732	4,017	4,545	4,651

B Not computed; through 1963 base less than 200,000, for 1965 less than 150,000.  
Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, Nos. 33, 37, 43, 51.

No. 339. PERCENT INCREASE IN AVERAGE SALARIES FOR SELECTED OCCUPATIONS IN PRIVATE INDUSTRY: 1961 TO 1966

[For 1966, covers establishments employing 50 workers or more in the finance, insurance, and real estate division; 100 workers or more in transportation; communications; electric, gas and sanitary services; wholesale trade; engineering and architectural services; and research, development, and testing laboratories operated on a commercial basis; and 250 workers or more in the manufacturing and retail trade divisions. For 1965, covers establishments employing 250 workers or more in all above industries. Based on sample and subject to sampling variability. Refers to U.S. excluding Alaska and Hawaii; for years prior to 1965 only standard metropolitan statistical areas as defined by the Bureau of the Budget were included. See text, p. 2]

OCCUPATIONAL GROUP	1961 to 1966	1962 to 1963	1963 to 1964	1964 to 1965	1965 to 1966	OCCUPATIONAL GROUP	1961 to 1966	1962 to 1963	1963 to 1964	1964 to 1965	1965 to 1966
Accountants.....	17.3	3.3	2.8	3.5	3.8	Directors of personnel.....	19.8	3.0	4.6	3.5	3.6
Auditors.....	18.5	3.6	3.1	3.9	3.8	Chemists.....	21.3	3.8	3.3	3.9	4.8
Chief accountants.....	18.6	2.8	4.8	3.9	3.3	Engineers.....	18.0	4.4	2.9	3.2	3.7
Attorneys.....	20.8	4.6	3.3	4.2	4.0	Engineering technicians.....	(1)	2.9	3.6	2.3	2.8
Managers, office services.....	16.8	2.2	2.7	4.3	3.3	Drafting.....	(2)	3.6	2.6	(2)	1.5
Job analysts.....	18.4	2.6	3.5	4.3	5.4	Clerical.....	14.6	2.6	2.9	2.4	3.0

<sup>1</sup> Not surveyed before 1962.      <sup>2</sup> Comparable data not available due to change in definition in 1965.  
Source: Dept. of Labor, Bureau of Labor Statistics; *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 1535.



# No. 340. INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1945 TO 1966

[1957-59=100. Prior to 1964, excludes Alaska. As of July 1. Indexes of rates reflect changes in minimum hourly wage scales; indexes of hours reflect changes in the negotiated straight-time weekly hours. Year-to-year changes in union scales are based on comparable quotations for each individual trade weighted by membership for current year. See *Historical Statistics, Colonial Times to 1957*, series D 642-653, for printing on 1948-49 base and other trades on 1947-49 base]

TRADE	1945	1950	1955	1960	1961	1962	1963	1964	1965	1966
<b>Building trades:</b>										
Rate.....	44.4	68.0	86.8	109.0	113.3	117.5	121.7	126.2	131.4	136.9
Hours.....	101.1	100.2	100.1	99.9	99.8	99.7	99.5	99.5	99.4	99.3
<b>Journeyman:</b>										
Rate.....	45.4	68.8	87.1	108.6	112.8	117.1	121.3	125.7	130.7	136.2
Hours.....	101.2	100.2	100.1	99.9	99.8	99.7	99.5	99.5	99.4	99.2
<b>Helpers and laborers:</b>										
Rate.....	38.1	63.9	84.5	110.6	115.9	120.1	124.4	129.7	135.8	141.4
Hours.....	100.7	99.9	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9
<b>Printing trades:</b>										
Rate.....	44.2	75.1	91.0	106.3	109.7	112.9	116.2	119.3	122.7	126.7
Hours.....	106.2	101.3	100.7	99.6	99.4	99.3	99.2	99.1	98.9	98.7
<b>Book and job:</b>										
Rate.....	43.6	74.7	90.7	106.9	110.6	114.0	117.4	120.7	124.4	128.6
Hours.....	108.3	101.8	100.9	99.4	99.2	99.1	99.0	99.0	98.7	98.4
<b>Newspaper:</b>										
Rate.....	45.6	76.3	91.6	105.4	108.4	111.3	114.4	117.1	120.1	123.9
Hours.....	103.1	100.9	100.5	99.9	99.8	99.7	99.6	99.3	99.3	99.0
<b>Motortruck drivers and helpers:</b>										
Rate.....	41.5	64.9	86.0	109.3	113.4	117.8	123.1	127.7	132.2	136.8
Hours.....	112.9	105.9	101.9	98.9	98.8	98.5	98.4	98.4	98.4	98.3
<b>Local transit operators, rate.....</b>	43.6	69.2	87.6	108.4	112.5	117.1	121.5	126.4	131.7	137.3

Source: Dept. of Labor, Bureau of Labor Statistics; annual reports, *Union Wages and Hours*.

# No. 341. PERCENT OF WORKERS EMPLOYED IN ESTABLISHMENTS HAVING FORMAL PROVISIONS FOR SELECTED SUPPLEMENTARY WAGE BENEFITS, 221 SMSA'S: 1966

[Surveys relate geographically to the 221 standard metropolitan statistical areas in the United States, as established by the Bureau of the Budget through March 1965. Data for a majority of the workers relate to late 1965 and early 1966; for the remainder, to late 1964 and early 1965. Data obtained from sample of establishments which employ 50 workers or more, except in 12 of the largest areas where the minimum size was 100 employees for manufacturing, public utilities, and retail trade; see source. Excludes data for government institutions, and construction and extractive industries. Excludes administrative, executive, and professional employees]

TYPE OF BENEFIT	Office workers	Plant workers	TYPE OF BENEFIT	Office workers	Plant workers
<b>PAID HOLIDAYS <sup>1</sup></b>			<b>PAID VACATIONS <sup>2</sup>—Con.</b>		
No paid holidays.....	( <sup>2</sup> )	5	4 weeks or more:		
6 or more days.....	95	88	After 20 years of service.....	39	31
7 or more days.....	78	70	After 25 years of service.....	61	49
8 or more days.....	56	43	<b>HEALTH, INSURANCE, AND PENSION PLANS</b>		
9 or more days.....	32	19	Life insurance.....	96	92
10 or more days.....	17	5	Hospitalization.....	93	93
11 or more days.....	11	2	Surgical.....	93	92
12 or more days.....	4	1	Medical.....	82	75
<b>PAID VACATIONS <sup>3</sup></b>			Catastrophe.....	73	40
2 weeks or more:			Sickness and accident insurance.....	41	63
After 1 year of service.....	78	22	Sick leave (full pay and no waiting period).....	56	17
After 5 years of service.....	99	94	Sick leave (partial pay and/or waiting period).....	9	12
3 weeks or more:			Retirement pension.....	82	73
After 5 years of service.....	14	10			
After 10 years of service.....	66	52			
After 15 years of service.....	87	78			

<sup>1</sup> Relates to holidays provided annually. Represents half-day and full-day holidays combined.

<sup>2</sup> Less than 0.5 percent. <sup>3</sup> Such payments as percentages of annual earning or flat-sum payments were converted to an equivalent time basis.

Source: Dept. of Labor, Bureau of Labor Statistics; *Wages and Related Benefits: All Metropolitan Areas, United States and Regional Summaries, 1965-66* (Bulletin No. 1465-86, Part Two).



No. 342. EMPLOYER EXPENDITURES FOR SELECTED SUPPLEMENTARY COMPENSATION PRACTICES, BY REGIONS: 1962

[Data based on a sample survey and cover production and related workers in manufacturing establishments having 1 or more paid employees. For composition of regions, see fig. I, p. xii]

SUPPLEMENTARY COMPEN- SATION PRACTICE	PERCENT OF GROSS PAYROLL					CENTS PER HOUR PAID				
	United States	North- east	South	North Central	West	United States	North- east	South	North Central	West
Paid leave .....	6.0	6.4	5.1	6.1	5.9	14.5	15.2	10.4	15.9	16.2
Vacation .....	3.6	3.7	3.2	3.7	3.3	8.6	8.7	6.5	9.7	9.0
Holiday .....	2.1	2.4	1.6	2.2	2.2	5.1	5.7	3.2	5.6	5.9
Sick .....	0.3	0.3	0.3	0.2	0.4	.6	.7	.5	.5	1.2
Other <sup>1</sup> .....	(Z)	0.1	0.1	(Z)	(Z)	.1	.1	.1	.1	.1
Premium payments .....	4.2	3.8	4.3	4.6	4.0	10.2	9.2	8.8	12.0	10.8
Overtime, weekend, and holiday work .....	3.3	3.0	3.5	3.6	3.1	8.1	7.2	7.2	9.4	8.5
Shift differentials .....	0.9	0.8	0.8	1.0	0.9	2.1	2.0	1.6	2.5	2.4
Yearend, Christmas, and other irregular bonuses .....	0.7	0.9	0.6	0.6	0.5	1.7	2.2	1.3	1.6	1.5
Legally required insurance programs .....	5.8	6.1	5.7	5.3	6.4	13.9	14.5	11.5	13.9	17.5
Social security .....	2.6	2.6	2.8	2.5	2.5	6.3	6.3	5.7	6.7	6.9
Unemployment compen- sation .....	2.1	2.4	1.9	1.9	2.3	5.1	5.8	3.9	4.8	6.3
Workmen's compensa- tion .....	1.0	0.9	0.9	0.9	1.5	2.4	2.1	1.9	2.3	4.2
Other <sup>2</sup> .....	(Z)	0.1	(Z)	(Z)	(Z)	.1	.3	(Z)	(Z)	.1
Private welfare plans .....	5.4	5.3	4.8	6.1	4.7	13.1	12.7	9.9	15.8	12.8
Life, accident, and health insurance .....	2.7	2.6	2.2	3.1	2.5	6.5	6.3	4.5	8.0	6.8
Pension and retirement plans .....	2.4	2.3	2.3	2.6	2.0	5.7	5.6	4.7	6.7	5.4
Vacation and holiday funds .....	(Z)	0.1	(Z)	(Z)	(Z)	.1	.1	(Z)	.1	.1
Severance or dismissal pay and supplemental unemployment benefits .....	0.3	0.2	0.2	0.4	0.2	.6	.5	.4	.9	.4
Savings and thrift plans ..	0.1	0.1	0.1	(Z)	(Z)	.1	.1	.3	.1	.1

Z Less than 0.05. <sup>1</sup> Includes military, jury, witness, voting, and personal leave.  
<sup>2</sup> Principally State temporary disability insurance.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employer Expenditures for Selected Supplementary Compensation Practices for Production and Related Workers, and Composition of Payroll Hours, Manufacturing Industries, 1962* (Bulletin No. 1428).

No. 343. FARM EMPLOYMENT AND WAGE RATES: 1950 TO 1967

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 73, K 75, K 76 (for indexes on 1910-14 base), and K 77-80]

YEAR OR MONTH	EMPLOYMENT <sup>1</sup> (1,000)			WAGE RATES <sup>4</sup>				Index of farm wage rates (1957-59 =100)
	Total	Family <sup>2</sup>	Hired <sup>3</sup>	Per month		Per day		
				With board and room	With house	With board and room	Without board or room	
1950.....	9,926	7,597	2,329	\$99	\$121	\$4.45	\$4.50	74
1955.....	8,381	6,345	2,036	123	154	5.40	5.30	89
1960.....	7,057	5,172	1,885	149	192	6.50	6.60	107
1961.....	6,919	5,029	1,890	151	195	6.50	6.60	110
1962.....	6,700	4,873	1,827	155	200	6.70	6.90	112
1963.....	6,518	4,738	1,780	159	206	6.90	7.10	116
1964.....	6,110	4,506	1,604	162	212	7.10	7.30	119
1965.....	5,610	4,128	1,482	171	223	7.40	7.60	126
1966.....	5,214	3,854	1,360	185	243	8.00	8.20	136
Apr. 1.....	5,035	3,906	1,129	180	237	7.30	8.00	138
1967, Apr. 1.....	4,758	3,702	1,056	192	253	7.80	8.70	146

<sup>1</sup> Data are arithmetic means of monthly estimates of persons employed during last full calendar week in each month.  
<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week.  
<sup>3</sup> Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.  
<sup>4</sup> Weighted averages of wage rates as reported quarterly by crop reporters.

Source: Dept. of Agriculture, Statistical Reporting Service; monthly report, *Farm Labor*.

**No. 344. FARM WAGE WORKERS—NUMBER AND PERCENT DISTRIBUTION, BY SELECTED CHARACTERISTICS AND BY EARNINGS AT FARM WAGE WORK: 1966**

[Persons 14 years old and over. Refers to civilian noninstitutional population. Based on sample and subject to sampling variability; see source for detailed explanation. For definition of median, see headnote, table 8]

CHARACTERISTIC	Workers (1,000)	AVERAGE DAILY EARNINGS (percent distribution)							Median earnings per day <sup>1</sup>
		Under \$3.00	\$3.00 to \$4.99	\$5.00 to \$6.99	\$7.00 to \$8.99	\$9.00 to \$10.99	\$11.00 to \$12.99	\$13.00 and over	
<b>All workers</b> .....	2,763	10	20	20	16	14	8	12	\$6.95
<b>COLOR</b>									
White.....	2,031	8	14	20	17	17	9	15	7.95
Nonwhite.....	733	14	39	22	11	7	2	5	4.85
<b>SEX</b>									
Male.....	2,051	9	17	19	17	16	8	14	7.60
Female.....	712	12	31	24	10	9	6	8	5.50
<b>AGE AND MIGRATORY STATUS</b>									
14 to 19 years.....	1,151	15	24	22	18	10	4	7	5.95
Migratory.....	130	10	7	18	24	19	10	12	8.25
Nonmigratory.....	1,021	16	26	22	17	9	4	6	5.65
20 years and over.....	1,611	6	18	19	14	17	10	16	8.00
Migratory.....	221	4	2	17	14	17	18	28	10.45
Nonmigratory.....	1,389	6	20	20	14	17	8	15	7.55
<b>DURATION OF FARM WAGE WORK</b>									
Under 25 days.....	1,130	11	25	21	15	13	5	10	6.35
25 to 74 days.....	717	10	21	23	17	11	8	10	6.65
75 to 149 days.....	339	12	11	19	16	17	9	16	8.05
150 to 249 days.....	211	4	18	18	13	19	10	18	8.50
250 to 299 days.....	107	6	18	17	14	19	13	13	8.15
300 days and over.....	260	8	15	15	18	15	9	20	8.30
<b>REGION <sup>2</sup></b>									
Northeast.....	216	17	12	12	13	21	5	20	8.40
North Central.....	519	9	12	23	22	14	9	11	7.60
South.....	1,292	10	33	28	12	10	3	4	5.50
West.....	736	8	7	9	17	18	15	26	10.00

<sup>1</sup> Rounded to the nearest 5 cents. <sup>2</sup> For composition of regions, see fig. I, p. xii.

Source: Dept. of Agriculture, Economic Research Service; *The Hired Farm Working Force of 1966*.

**No. 345. FARM EMPLOYMENT, BY GEOGRAPHIC DIVISIONS: 1940 TO 1966**

[In thousands. Excludes Alaska and Hawaii. Annual average number of persons employed during last full calendar week of each month]

GEOGRAPHIC DIVISION <sup>1</sup>	1940	1945	1950	1955	1960	1963	1964	1965	1966
<b>Total workers <sup>2</sup></b> .....	10,979	10,000	9,926	8,381	7,057	6,518	6,110	5,610	5,214
New England.....	235	225	219	188	137	121	116	108	104
Middle Atlantic.....	679	626	616	502	402	344	321	292	270
East North Central.....	1,604	1,471	1,568	1,424	1,204	1,115	1,044	952	886
West North Central.....	1,804	1,744	1,779	1,537	1,338	1,258	1,202	1,114	1,050
South Atlantic.....	2,110	1,880	1,812	1,509	1,238	1,153	1,057	975	853
East South Central.....	1,780	1,545	1,432	1,098	883	820	784	707	666
West South Central.....	1,662	1,397	1,407	1,146	940	864	782	706	663
Mountain.....	474	446	418	365	332	305	293	273	266
Pacific.....	631	666	675	612	583	538	511	483	456
<b>Hired workers <sup>3</sup></b> .....	2,679	2,119	2,329	2,036	1,885	1,780	1,604	1,482	1,360
New England.....	75	65	71	69	46	42	38	34	34
Middle Atlantic.....	207	174	185	137	111	93	84	77	66
East North Central.....	319	214	237	206	182	177	152	132	117
West North Central.....	315	241	275	216	195	184	164	154	146
South Atlantic.....	488	358	417	395	381	376	343	326	279
East South Central.....	297	216	240	216	208	208	183	162	163
West South Central.....	504	375	423	362	339	317	278	251	214
Mountain.....	183	164	151	134	126	110	105	98	99
Pacific.....	291	312	330	301	297	273	257	248	242

<sup>1</sup> See table 337 for States comprising each division. <sup>2</sup> Includes operators and unpaid family members.

<sup>3</sup> Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 346. MONTHLY LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES:  
1955 TO 1966

[Rates per 100 employees. Prior to 1960, excludes Alaska and Hawaii. Data refer to wage and salary workers. Beginning 1960, transfers between establishments of the same firm are included in total accessions and total separations; therefore, rates for these items are not strictly comparable with prior data. See *Historical Statistics, Colonial Times to 1957*, series D 773-784, for related but not comparable data]

TYPE AND YEAR	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions: <sup>1</sup></b>													
1955.....	4.5	3.8	3.7	4.2	4.2	4.5	5.3	4.5	5.8	5.5	5.0	4.0	2.9
1960.....	3.8	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3
1964.....	4.0	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6
1965.....	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966.....	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
<b>New hires:</b>													
1955.....	3.0	2.0	2.1	2.6	2.6	3.0	3.8	3.3	4.1	3.9	3.5	2.9	2.0
1960.....	2.2	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0
1964.....	2.6	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6
1965.....	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966.....	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.1	3.1	2.1
<b>Total separations: <sup>2</sup></b>													
1955.....	3.9	3.3	2.8	3.3	3.6	3.7	4.0	4.1	4.7	5.5	4.4	3.8	3.6
1960.....	4.3	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8
1964.....	3.9	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7
1965.....	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.7	4.4	3.9	4.1
1966.....	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
<b>Quits:</b>													
1955.....	1.9	1.2	1.2	1.5	1.8	1.7	1.8	2.0	2.7	3.5	2.2	1.8	1.3
1960.....	1.3	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	0.9	0.7
1964.....	1.5	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0
1965.....	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966.....	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
<b>Layoffs:</b>													
1955.....	1.5	1.7	1.2	1.4	1.4	1.3	1.5	1.6	1.5	1.4	1.6	1.5	1.8
1960.....	2.4	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6
1964.....	1.7	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1
1965.....	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966.....	1.2	1.3	1.0	1.0	1.0	0.9	1.0	2.0	1.1	1.0	1.1	1.3	1.8

<sup>1</sup> Includes rehires.

<sup>2</sup> Includes discharges and military and miscellaneous separations.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.

No. 347. WORKERS COMMUTING—DISTANCE, TRANSPORTATION, AND TRAVEL  
TIME TO WORK: 1963

[Workers in millions. As of October. Covers employed members of households who commute  $\frac{1}{4}$  mile or more to work and who report to a definite work location at the beginning of the work day. Based on a nationwide probability sample of households and subject to sampling variability]

ITEM	Workers	Percent	ITEM	Workers	Percent
<b>Total.....</b>	<b>50</b>	<b>100</b>	<b>Travel time to work:</b>		
<b>Distance from home to work:</b>			Under 15 minutes.....	13	25
$\frac{1}{4}$ to 1 mile.....	7	15	15 to 35 minutes.....	26	52
2 miles.....	6	13	36 minutes and over.....	9	18
3 miles.....	5	10	Time not reported.....	2	5
4 miles.....	4	7	<b>Distance from home to public transportation:</b>		
5 miles.....	4	7	Less than $\frac{1}{4}$ mile.....	18	35
6 to 10 miles.....	12	24	$\frac{1}{4}$ to $\frac{1}{2}$ mile.....	7	13
11 miles or more.....	12	24	Over $\frac{1}{2}$ but less than 1 mile.....	2	4
<b>Means of transportation:</b>			1 mile or more.....	2	5
Automobile, with others.....	13	26	Public transportation not available or not reported.....	21	43
Automobile, driver alone.....	28	56			
Public transportation <sup>1</sup> .....	7	14			
Walking or other.....	2	4			

<sup>1</sup> Includes buses or streetcars, subways, elevated trains or other rapid transit, and suburban or intercity commuter trains.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. I, *Passenger Transportation Survey*.



No. 348. INJURY-FREQUENCY RATES, 1960 TO 1965, AND SEVERITY MEASURES, 1963 AND 1964, FOR SELECTED INDUSTRIES

[Frequency rate is average number of disabling work injuries, and severity rate is average number of days disability, per 1 million employee-hours worked. Data are on basis of Standard Industrial Classification as revised in 1957. See also *Historical Statistics, Colonial Times to 1957*, series D 785, for injury-frequency rates for manufacturing on old basis]

INDUSTRY	INJURY-FREQUENCY RATES				SEVERITY MEASURES			
	1960	1963	1964	1965 (prel.)	Average days of disability per case		Severity rate	
					1963	1964	1963	1964
<b>Manufacturing</b> .....	12.0	11.9	12.3	12.9	55	54	689	702
Ordnance and accessories.....	2.4	2.4	2.7	2.4	34	159	146	614
Food and kindred products.....	21.1	21.8	22.9	24.2	47	45	1,085	1,070
Tobacco manufactures.....	8.7	7.5	7.5	(NA)	(NA)	(NA)	(NA)	(NA)
Textile-mill products.....	9.2	9.2	9.1	9.2	57	51	528	482
Apparel and related products.....	6.7	6.4	6.6	7.2	28	23	169	147
Lumber and wood products (exc. furniture).....	38.0	36.7	36.0	36.6	75	82	2,943	3,355
Furniture and fixtures.....	18.8	17.8	18.6	18.9	43	41	775	765
Paper and allied products.....	12.3	12.4	12.5	12.0	57	64	755	861
Printing, publishing, and allied industries.....	9.5	9.5	9.9	9.1	37	43	346	435
Chemicals and allied products.....	7.4	7.5	7.2	6.9	78	75	652	599
Petroleum refining and related industries.....	6.8	8.1	8.3	(NA)	77	105	659	880
Rubber products <sup>1</sup> .....	10.0	11.5	11.7	12.3	53	52	703	664
Leather and leather products.....	11.4	12.5	13.3	13.7	31	31	384	420
Stone, clay, and glass products.....	18.3	17.9	18.3	19.5	76	57	1,537	1,105
Primary metal industries.....	10.5	11.0	11.8	12.8	74	70	885	889
Fabricated metal products.....	15.4	15.9	16.4	18.9	45	52	773	884
Machinery (except electrical).....	10.8	10.8	11.4	12.5	55	45	627	546
Electrical machinery, equip., and supplies.....	5.2	5.3	5.6	5.7	39	38	222	232
Transportation equipment.....	6.1	6.2	6.9	6.5	62	53	390	374
Instruments and related products.....	5.8	6.1	5.9	6.3	39	36	247	219
Miscellaneous manufacturing industries.....	12.7	12.7	13.5	13.4	40	37	519	513
<b>Mining</b> <sup>2</sup> .....								
Coal mining and preparation.....	43.4	45.1	44.8	45.8	202	188	9,128	8,420
Peat.....	27.7	11.5	21.4	16.6	163	87	510	1,851
Asphalt and related bitumens (native).....	41.2	42.4	42.0	30.9	260	398	14,576	16,701
Metal mining.....	32.4	32.1	31.9	31.1	131	152	4,212	4,833
Metal milling.....	9.2	9.5	9.3	10.5	137	115	1,298	1,090
Nonmetal mining.....	29.2	27.3	25.7	28.1	243	171	6,630	4,389
Nonmetal milling.....	20.9	19.5	22.2	19.2	(NA)	70	(NA)	1,550
Sand and gravel.....	20.3	20.1	19.7	19.2	(NA)	164	3,097	3,237
Stone quarrying and milling.....	23.3	18.2	18.2	18.2	(NA)	151	2,913	2,752
<b>Contract construction</b> .....	31.5	28.6	29.5	(NA)	78	83	2,219	2,434
<b>Transportation and public utilities:</b>								
Local and interurban passenger transit.....	14.3	12.3	14.8	(NA)	94	47	1,162	694
Motor freight transp. and warehousing.....	32.3	31.3	31.2	(NA)	64	62	1,998	1,950
Communication.....	1.0	0.9	1.0	(NA)	113	147	105	142
Electric, gas, and sanitary services.....	6.2	5.7	5.7	(NA)	155	147	887	832
<b>Wholesale and retail trade</b> .....	(NA)	12.2	11.8	(NA)	42	41	515	488
<b>Finance, insurance, and real estate:</b>								
Banking.....	2.4	2.3	2.4	(NA)	(NA)	(NA)	(NA)	(NA)
Credit agencies other than banks.....	2.5	0.7	1.6	(NA)	(NA)	(NA)	(NA)	(NA)
Security and commodity brokers, and serv.....	1.0	1.2	0.5	(NA)	(NA)	(NA)	(NA)	(NA)
Insurance carriers.....	2.4	2.2	2.2	(NA)	77	81	169	179
Insurance agents, brokers, and services.....	(NA)	2.0	2.3	(NA)	(NA)	(NA)	(NA)	(NA)
Real estate.....	13.6	12.7	10.9	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Services:</b>								
Hotels and other lodging places.....	13.5	13.5	13.5	(NA)	32	34	427	459
Personal services.....	7.9	8.4	8.9	(NA)	56	52	475	462
Miscellaneous business services.....	10.5	7.2	7.5	(NA)	43	83	308	630
Automobile repair, services, and garages.....	15.3	13.2	14.1	(NA)	(NA)	(NA)	(NA)	(NA)
Miscellaneous repair services.....	18.4	18.2	20.2	(NA)	(NA)	(NA)	(NA)	(NA)
Motion pictures.....	6.9	5.9	5.5	(NA)	(NA)	(NA)	(NA)	(NA)
Amusement and recreation, except motion pictures.....	13.6	14.4	14.4	(NA)	(NA)	(NA)	(NA)	(NA)
Medical and other health services.....	8.1	7.4	8.6	(NA)	32	27	242	236
Educational services.....	8.5	7.4	7.5	(NA)	43	50	320	377
Miscellaneous services.....	5.2	4.1	4.0	(NA)	(NA)	(NA)	(NA)	(NA)
<b>State government:</b>								
Hospitals.....	16.3	17.7	20.0	(NA)	38	37	671	744
Institutions of higher education.....	9.3	8.3	7.8	(NA)	27	43	225	335
<b>Federal Government</b> <sup>3</sup> .....	8.4	7.9	7.7	(NA)	66	67	522	516

NA Not available. <sup>1</sup> Includes miscellaneous plastics products.

<sup>2</sup> Compiled by Dept. of the Interior, Bureau of Mines. Excludes experience of office workers.

<sup>3</sup> Compiled by Dept. of Labor, Bureau of Employees' Compensation.

Source: Dept. of Labor, Bureau of Labor Statistics. Periodically in *Monthly Labor Review*, and annual report, *Injury Rates by Industry*.

No. 349. NATIONAL AND INTERNATIONAL UNIONS—MEMBERSHIP: 1940 TO 1964

[Estimates based on average number of dues-paying members of unions with headquarters in the U.S. Certain unions did not report as members persons not required to pay dues, such as apprentices and workers who were retired, unemployed, in the Armed Forces, or involved in work stoppages. Excludes membership in noninter-state independent or unaffiliated unions. See also *Historical Statistics, Colonial Times to 1957*, series D 741 and 745]

ITEM	1940	1950	1955	1960	1961	1962	1963	1964
Unions affiliated with AFL-CIO.....	147	137	139	134	131	130	129	129
<b>Union membership, total</b> .....1,000	8,944	15,000	17,749	18,117	17,328	17,630	17,586	17,976
Canadian members of U.S. unions.....1,000	227	733	947	1,068	1,025	1,044	1,062	1,135
Excluding Canadian members.....1,000	8,717	14,300	16,802	17,049	16,303	16,586	16,524	16,841
Membership as percent of—								
Total labor force.....	15.5	22.0	24.4	23.3	22.0	22.2	21.8	21.9
Employment in nonagricultural establishments.....	26.9	31.5	33.2	31.5	30.2	29.9	29.2	28.9
AFL-CIO.....1,000	7,872	12,143	16,062	15,072	14,572	14,835	14,818	15,150
Independent or unaffiliated unions.....1,000	1,072	2,600	1,688	3,045	2,756	2,794	2,768	2,825

Source: Dept. of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics, Directory of National and International Labor Unions in the United States*, and unpublished data.

No. 350. LABOR UNION MEMBERSHIP—TOTAL AND PERCENT OF NONAGRICULTURAL EMPLOYMENT, STATES: 1964

[Based on reports and estimates for national and international unions directly affiliated with the AFL-CIO, and members in single firm and local unaffiliated unions]

STATE	Total (1,000)	Percent of nonagricultural employment	STATE	Total (1,000)	Percent of nonagricultural employment
<b>United States</b> .....	<b>17,188</b>	<b>29.5</b>	Montana.....	63	36.2
Alabama <sup>1</sup> .....	151	18.0	Nebraska <sup>1</sup> .....	78	19.3
Alaska.....	21	32.2	Nevada <sup>1</sup> .....	49	32.8
Arizona <sup>1</sup> .....	81	20.8	New Hampshire.....	44	20.9
Arkansas <sup>1</sup> .....	112	26.2	New Jersey.....	814	37.7
California.....	1,888	33.8	New Mexico.....	34	13.4
Colorado.....	124	21.6	New York.....	2,507	39.4
Connecticut.....	244	24.6	North Carolina <sup>1</sup> .....	89	6.7
Delaware.....	36	21.5	North Dakota <sup>1</sup> .....	21	14.8
Florida <sup>1</sup> .....	201	13.1	Ohio.....	1,148	35.7
Georgia <sup>1</sup> .....	150	12.7	Oklahoma.....	86	13.7
Hawaii.....	50	24.2	Oregon.....	198	34.8
Idaho.....	32	19.2	Pennsylvania.....	1,450	38.4
Illinois.....	1,394	37.9	Rhode Island.....	89	29.6
Indiana.....	522	34.1	South Carolina <sup>1</sup> .....	52	7.9
Iowa <sup>1</sup> .....	150	20.8	South Dakota <sup>1</sup> .....	14	9.5
Kansas <sup>1</sup> .....	109	18.8	Tennessee <sup>1</sup> .....	184	17.6
Kentucky.....	187	25.7	Texas <sup>1</sup> .....	370	13.3
Louisiana.....	147	17.1	Utah <sup>1</sup> .....	58	19.7
Maine.....	57	20.3	Vermont.....	22	19.3
Maryland <sup>2</sup> .....	352	21.8	Virginia <sup>1</sup> .....	179	15.5
Massachusetts.....	572	29.1	Washington.....	367	43.1
Michigan.....	962	38.9	West Virginia.....	192	42.0
Minnesota.....	339	33.0	Wisconsin.....	400	31.5
Mississippi <sup>1</sup> .....	53	11.6	Wyoming <sup>1</sup> .....	19	19.2
Missouri.....	546	38.8	Membership not classified.....	181	(X)

X Not applicable.   <sup>1</sup> State has a right-to-work law.   <sup>2</sup> Includes District of Columbia.

Source: Dept. of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in the United States, 1965* (Bulletin No. 1493).



**No. 351. NATIONAL AND INTERNATIONAL UNIONS—NUMBER AND MEMBERS BY INDUSTRY AND AFFILIATION: 1964**

[See headnote, table 349. "N.e.c." means not elsewhere classified]

INDUSTRY GROUP	ALL UNIONS			UNION AFFILIATION					
				AFL-CIO			Unaffiliated		
	Num- ber <sup>1</sup>	Member- ship <sup>2</sup>	Per- cent	Num- ber <sup>1</sup>	Member- ship <sup>2</sup>	Per- cent	Num- ber <sup>1</sup>	Member- ship <sup>2</sup>	Per- cent
<b>All unions</b> .....	189	17, 919	100. 0	129	15, 094	100. 0	60	2, 825	100. 0
<b>Manufacturing</b> .....	108	8, 342	46. 6	79	7, 376	48. 9	29	965	34. 2
Food, beverages, and tobacco.....	26	1, 063	5. 9	18	615	4. 1	8	447	15. 8
Clothing, textiles, and leather prod- ucts.....	24	1, 216	6. 8	17	1, 199	7. 9	7	18	0. 6
Furniture, lumber, wood products, and paper.....	26	811	4. 5	17	755	5. 0	9	56	2. 0
Printing and publishing.....	15	355	2. 0	11	344	2. 3	4	10	0. 4
Petroleum, chemicals, and rubber.....	19	562	3. 1	14	439	2. 9	5	123	4. 4
Stone, clay, and glass.....	18	253	1. 4	15	240	1. 6	3	13	0. 5
Metals, machinery and equipment, except transportation equipment.....	37	2, 646	14. 8	24	2, 384	15. 8	13	262	9. 3
Transportation equipment.....	19	1, 197	6. 7	14	1, 185	7. 9	5	12	0. 4
Manufacturing, n.e.c.....	32	238	1. 3	23	214	1. 4	9	23	0. 8
<b>Nonmanufacturing</b> .....	101	8, 125	45. 3	75	6, 602	43. 7	26	1, 523	53. 9
Mining and quarrying.....	12	321	1. 8	7	68	0. 5	5	252	8. 9
Contract construction.....	28	2, 323	13. 0	22	2, 248	14. 9	6	76	2. 7
Transportation.....	47	2, 429	13. 6	35	1, 560	10. 3	12	869	30. 8
Telephone and telegraph.....	8	437	2. 4	6	358	2. 4	2	79	2. 8
Electric and gas utilities.....	17	305	1. 7	11	266	1. 8	6	39	1. 4
Trade.....	18	1, 217	6. 8	14	1, 059	7. 0	4	158	5. 6
Finance and insurance.....	7	61	0. 3	5	58	0. 4	2	3	0. 1
Service industries.....	27	981	5. 5	23	960	6. 4	4	21	0. 8
Agriculture and fishing.....	6	40	0. 2	3	18	0. 1	3	22	0. 8
Nonmanufacturing, n.e.c.....	8	9	0. 1	4	7	(Z)	4	2	0. 1
<b>Government</b> .....	59	1, 453	8. 1	35	1, 116	7. 4	24	337	12. 0
Federal.....	56	897	5. 0	34	572	3. 8	22	325	11. 5
State and local.....	18	556	3. 1	16	544	3. 6	2	12	0. 4

Z Less than 0.05 percent.

<sup>1</sup> In cases where more than one industry group was applicable, the union was tabulated in each; therefore, detail will not add to total.

<sup>2</sup> Number of members computed by applying reported percentage figures to total membership, including membership outside the United States.

Source: Dept. of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in the United States, 1965* (Bulletin No. 1493).

**No. 352. NATIONAL AND INTERNATIONAL UNIONS REPORTING 100,000 MEMBERS OR MORE: 1962 AND 1964**

[In thousands. Data are for unions with headquarters in the U.S. All unions not identified as independent (Ind.) are affiliated with the AFL-CIO]

UNION	MEMBERS		UNION	MEMBERS		UNION	MEMBERS	
	1962	1964		1962	1964		1962	1964
Teamsters (Ind.).....	1, 457	1, 507	Electrical (IUE).....	295	271	Packinghouse.....	98	145
Automobile workers.....	1, 074	1, 168	Railway and steam- ship clerks.....	300	270	Ironworkers.....	139	143
Steelworkers.....	879	965	Plumbers.....	251	256	Postal clerks.....	145	139
Machinists.....	868	808	State, county.....	220	235	Government (AFGE).....	106	139
Electrical (IBEW).....	793	806	Mine workers, Dis- trict 50 (Ind.).....	450	210	Bricklayers.....	151	135
Carpenters.....	739	760	Painters.....	196	199	Transport workers.....	135	135
Hotel and restaurant.....	445	445	Railroad trainmen.....	196	185	Transit union.....	134	133
Garment, ladies'.....	441	442	Textile workers.....	183	177	Papermakers.....	130	133
Laborers.....	429	432	Pulp, sulphite.....	174	176	Boilermakers.....	125	125
Retail clerks.....	364	428	Letter carriers.....	150	168	Maintenance of way.....	153	121
Clothing workers.....	376	377	Retail, wholesale.....	159	167	Railway carmen.....	126	121
Meatcutters.....	333	341	Electrical (UE) (Ind.).....	163	165	Sheet metal workers.....	111	117
Building service.....	294	320	Rubber.....	158	165	Printing pressmen.....	116	116
Engineers, operating.....	297	311	Oil, chemical.....	168	162	Firefighters.....	109	115
Communications workers.....	279	294				Typographical union.....	106	113
Musicians.....	282	275				Teachers.....	(NA)	100
						Mine workers (Ind.).....	75	(NA)

NA Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in the United States, 1965* (Bulletin No. 1493).



No. 353. WORK STOPPAGES: 1940 TO 1966

[Prior to 1959, excludes Alaska, and 1960, Hawaii. Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics, Colonial Times to 1957*, series D 764-769 and D 774]

YEAR	WORK STOPPAGES BEGINNING IN YEAR		WORKERS INVOLVED		MAN-DAYS IDLE DURING YEAR		
	Number	Average duration (calendar days)	Number <sup>1</sup> (1,000)	Percent of total employed <sup>2</sup>	Number (1,000)	Percent of estimated working time <sup>3</sup>	Per worker involved
1940.....	2,508	20.9	577	2.3	6,700	0.10	11.6
1945.....	4,750	9.9	3,470	12.2	38,000	0.47	11.0
1950.....	4,843	19.2	2,410	6.9	38,800	0.44	16.1
1955.....	4,320	18.5	2,650	6.2	28,200	0.26	10.7
1959.....	3,708	24.6	1,880	4.3	69,000	0.61	36.7
1960.....	3,333	23.4	1,320	3.0	19,100	0.17	14.5
1961.....	3,367	23.7	1,450	3.2	16,300	0.14	11.2
1962.....	3,614	24.6	1,230	2.7	18,600	0.16	15.0
1963.....	3,362	23.0	941	2.0	16,100	0.13	17.1
1964.....	3,655	22.9	1,640	3.4	22,900	0.18	14.0
1965.....	3,963	25.0	1,550	3.1	23,300	0.18	15.1
1966.....	4,405	22.2	1,960	3.7	25,400	0.19	12.9

<sup>1</sup> Workers counted more than once if involved in more than 1 stoppage during year.  
<sup>2</sup> Total employed workers for 1940-1950 refers to all workers except those in occupations and professions in which there is little if any union organization or in which stoppages rarely if ever occur. In 1951, concept was changed to coincide with the Bureau of Labor Statistics figures for nonagricultural employment, excluding Government but including workers in all occupational groups. Tests show that percentage of total idleness computed on basis of these new figures usually differs by less than one-tenth of a point, while percentage of workers idle differs by about 0.5 or 0.6 of a point.  
<sup>3</sup> Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.  
Source: Dept. of Labor, Bureau of Labor Statistics; June or July issues of *Monthly Labor Review*, and annual bulletin, *Analysis of Work Stoppages*.

No. 354. WORK STOPPAGES—MAJOR ISSUES AND DURATION: 1964 TO 1966

[Includes Alaska and Hawaii. See headnote, table 353. Issues data based on stoppages beginning in year; duration data on stoppages ending in year. See *Historical Statistics, Colonial Times to 1957*, series D 770-778, for related but not comparable data]

MAJOR ISSUES AND DURATION	WORK STOPPAGES			WORKERS INVOLVED <sup>1</sup> (1,000)			MAN-DAYS IDLE DURING YEAR (1,000)		
	1964	1965	1966	1964	1965	1966	1964	1965	1966
MAJOR ISSUES									
All issues.....	3,655	3,963	4,405	1,640	1,550	1,960	22,900	23,300	25,400
General wage changes.....	1,419	1,597	1,913	588	659	937	9,370	12,000	15,100
Supplementary benefits.....	101	114	71	44	50	36	966	711	802
Wage adjustments.....	168	198	272	64	98	139	345	594	1,910
Hours of work.....	12	14	5	3	15	2	23	510	93
Other contractual matters.....	61	60	38	18	19	10	180	251	171
Union organization and security.....	556	594	597	87	154	130	1,770	2,980	3,160
Job security.....	213	203	180	175	145	201	1,470	3,630	1,500
Plant administration.....	596	589	683	576	287	362	8,360	1,890	1,850
Other working conditions.....	51	67	96	17	31	61	132	298	362
Interunion or intraunion matters.....	454	475	516	65	81	80	307	438	446
Not reported.....	24	52	34	3	9	4	8	32	24
DURATION									
All stoppages.....	3,660	3,972	4,396	1,590	1,600	1,920	22,700	23,800	24,700
1 day.....	414	447	525	180	179	201	180	179	201
2 and 3 days.....	564	565	693	202	158	244	415	328	487
4 days to less than 1 week.....	548	558	671	186	196	347	616	702	1,070
1 week to less than ½ month.....	816	822	936	285	285	368	1,800	1,950	2,400
½ to less than 1 month.....	548	642	647	198	383	323	2,380	5,080	4,240
1 to less than 2 months.....	442	476	491	458	200	301	11,000	5,140	7,660
2 to less than 3 months.....	139	241	223	32	170	95	1,640	6,100	3,920
3 months or more.....	189	221	210	53	34	38	4,750	4,340	4,750

<sup>1</sup> Workers counted more than once if involved in more than 1 stoppage during year.  
Source: Dept. of Labor, Bureau of Labor Statistics; June or July issues of *Monthly Labor Review*, and annual bulletin, *Analysis of Work Stoppages*.

# No. 355. WORK STOPPAGES, BY INDUSTRY GROUPS: 1950 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. See headnote, table 353. Work stoppages affecting more than 1 industry are counted as separate stoppages in each industry affected, and workers involved and man-days idle are allocated among the appropriate industries]

INDUSTRY GROUP	WORK STOPPAGES BEGINNING IN—						WORKERS INVOLVED <sup>1</sup> (1,000)						MAN-DAYS IDLE DURING YEAR (1,000)					
	1950	1955	1960	1964	1965	1966	1950	1955	1960	1964	1965	1966	1950	1955	1960	1964	1965	1966
	4,843	4,320	3,333	3,655	3,963	4,405	2,410	2,650	1,320	1,640	1,550	1,960	38,800	28,200	19,100	22,900	23,300	25,400
All industries	2,705	2,420	1,598	1,794	2,080	2,295	1,450	2,000	707	994	913	922	22,900	18,800	11,200	15,700	14,300	13,700
Manufacturing	2	13	3	8	12	13	1	11	10	7	10	9	6	140	136	154	121	63
Ordnance and accessories	185	169	184	186	227	187	57	(Z)	66	55	57	47	691	974	651	866	928	528
Food and kindred products	5	3	2	1	—	—	3	(Z)	2	1	—	—	33	1	11	2	—	—
Tobacco manufactures	147	96	30	37	44	56	48	48	5	8	21	26	686	1,400	34	124	174	195
Textile mill products	189	139	87	106	100	100	18	15	12	25	10	12	228	136	134	225	199	263
Apparel and other finished products, etc.	117	81	39	56	46	48	24	12	5	7	13	10	700	227	103	97	204	253
Lumber and wood products (exc. furniture)	106	121	81	60	69	81	16	26	13	7	10	17	315	287	183	145	194	199
Furniture and fixtures	76	67	52	79	91	92	19	14	9	39	39	26	360	197	136	680	931	336
Paper and allied products	54	29	38	50	33	66	10	8	5	9	25	19	240	176	186	801	780	621
Printing, publishing, and allied industries	96	105	91	94	102	151	39	40	22	21	29	45	795	634	314	337	737	727
Chemicals and allied products	22	18	12	22	12	14	16	3	2	5	1	1	792	51	80	164	33	14
Petroleum refining and related industries	136	105	53	67	93	83	136	124	30	30	55	27	385	490	261	452	443	433
Rubber and misc. plastics products	84	50	32	34	36	32	25	40	6	6	20	8	157	542	64	67	312	99
Leather and leather products	132	110	98	117	139	142	45	33	18	23	71	32	652	485	228	412	836	594
Stone, clay, and glass products	309	279	158	173	206	219	142	535	94	88	88	99	1,180	1,570	1,880	1,010	1,390	1,540
Fabricated metal products (exc. ordnance, machinery, and transportation equip.)	278	282	195	228	269	277	86	131	44	80	87	76	969	1,590	579	1,550	1,430	1,290
Machinery (except electrical)	317	306	144	191	256	301	224	230	69	120	113	136	4,410	3,800	1,240	1,140	1,870	2,440
Electrical machinery equipment and supplies	168	147	102	105	137	189	132	202	97	63	52	168	1,420	3,300	1,260	859	795	2,410
Transportation equipment	171	200	122	120	140	162	368	440	189	386	196	150	8,540	1,910	3,550	6,410	2,630	1,330
Professional, scientific, and controlling instruments, photographic and optical goods; watches and clocks	26	30	29	23	28	37	23	34	6	7	8	6	158	694	95	170	109	148
Miscellaneous manufacturing industries	96	99	54	49	54	48	19	14	5	9	7	8	237	191	74	146	164	181
Nonmanufacturing	2,138	1,913	1,740	1,865	1,886	2,110	959	646	610	646	633	1,040	15,900	9,400	7,900	7,210	9,020	11,700
Agriculture, forestry, and fisheries	12	11	81	18	21	20	21	3	8	3	4	5	152	14	160	44	60	51
Mining	508	343	154	155	188	194	196	114	49	83	72	96	9,700	1,080	700	808	431	794
Contract construction	611	733	773	944	943	977	237	204	269	248	301	455	2,460	1,810	4,470	2,790	4,630	6,140
Transportation, communication, etc.	386	275	266	257	216	240	405	253	200	205	185	312	2,380	4,860	1,750	1,900	3,000	3,390
Wholesale and retail trade	381	409	290	309	336	365	70	52	33	62	43	42	927	1,090	451	1,340	570	508
Finance, insurance, and real estate	31	8	6	17	16	14	13	1	1	1	1	2	53	27	7	10	6	28
Services—personal, business, and other	182	121	138	125	126	159	14	18	18	21	16	21	161	498	304	245	177	358
Government	28	17	36	41	42	142	4	1	29	23	12	105	33	7	58	71	146	455

— Represents zero. Z Less than 500.

<sup>1</sup> Workers counted more than once if involved in more than 1 stoppage during year.

Source: Dept. of Labor, Bureau of Labor Statistics; May (1951 and 1956) thereafter; June or July issues of *Monthly Labor Review*, and annual bulletin, *Analysis of Work Stoppages*.



## No. 356. WORK STOPPAGES, BY STATES: 1964 TO 1966

[See headnote, table 353. Work stoppages affecting more than 1 State are counted as separate stoppages in each State affected, and workers involved and man-days idle are allocated among the appropriate States]

STATE	WORK STOPPAGES BEGINNING IN—			WORKERS INVOLVED <sup>1</sup> (1,000)			MAN-DAYS IDLE DURING YEAR					
	1964	1965	1966	1964	1965	1966	Number (1,000)			Percent of estimated work- ing time <sup>2</sup>		
	1964	1965	1966	1964	1965	1966	1964	1965	1966	1964	1965	1966
<b>United States</b> .....	3,655	3,963	4,405	1,640	1,550	1,960	22,900	23,300	25,400	0.18	0.18	0.19
<b>New England:</b>												
Maine.....	14	17	19	5	4	3	91	41	47	0.15	0.07	0.07
New Hampshire.....	15	16	19	1	5	2	16	31	15	0.03	0.06	0.03
Vermont.....	11	9	9	1	1	4	64	15	102	0.26	0.06	0.37
Massachusetts.....	137	157	162	26	51	67	306	533	1,120	0.07	0.12	0.24
Rhode Island.....	30	26	33	6	8	7	63	131	138	0.09	0.19	0.19
Connecticut.....	66	68	67	24	38	20	172	496	251	0.08	0.21	0.10
<b>Middle Atlantic:</b>												
New York.....	420	397	470	160	186	236	1,590	2,860	3,120	0.11	0.20	0.21
New Jersey.....	243	211	211	75	46	62	1,320	805	776	0.27	0.16	0.15
Pennsylvania.....	388	404	474	119	132	171	1,180	1,640	1,710	0.14	0.19	0.19
<b>East North Central:</b>												
Ohio.....	340	369	431	191	97	184	2,690	1,460	2,190	0.38	0.20	0.28
Indiana.....	122	159	172	54	69	68	537	997	701	0.16	0.28	0.19
Illinois.....	247	248	278	127	102	134	1,520	1,370	1,940	0.18	0.16	0.22
Michigan.....	197	229	275	249	82	143	4,540	1,560	1,820	0.83	0.27	0.30
Wisconsin.....	81	86	102	50	37	42	582	456	707	0.21	0.16	0.24
<b>West North Central:</b>												
Minnesota.....	37	53	58	2	14	37	35	134	453	0.02	0.06	0.19
Iowa.....	69	71	96	25	12	19	245	144	184	0.16	0.09	0.11
Missouri.....	95	120	117	27	47	61	422	575	1,090	0.14	0.18	0.33
North Dakota.....	10	15	8	1	1	(Z)	8	9	3	0.03	0.03	0.01
South Dakota.....	3	7	8	1	(Z)	1	45	2	5	0.16	0.01	0.02
Nebraska.....	19	21	23	2	8	11	42	187	68	0.05	0.23	0.08
Kansas.....	20	30	40	6	19	9	128	131	92	0.11	0.11	0.07
<b>South Atlantic:</b>												
Delaware.....	19	16	20	10	5	4	154	47	25	0.41	0.12	0.06
Maryland.....	41	44	41	34	15	13	686	349	139	0.32	0.16	0.06
District of Columbia.....	10	7	12	1	1	7	11	17	104	0.01	0.02	0.13
Virginia.....	52	32	52	14	8	21	103	169	308	0.04	0.07	0.12
West Virginia.....	95	102	139	31	29	53	441	224	589	0.45	0.22	0.57
North Carolina.....	18	25	36	2	4	9	15	84	58	0.01	0.03	0.02
South Carolina.....	14	15	15	2	4	4	18	56	22	0.01	0.04	0.01
Georgia.....	42	61	62	19	22	27	331	385	658	0.13	0.15	0.24
Florida.....	106	121	115	38	40	63	662	727	939	0.20	0.22	0.26
<b>East South Central:</b>												
Kentucky.....	69	99	124	28	30	92	265	295	855	0.17	0.19	0.51
Tennessee.....	65	79	94	11	30	35	509	821	417	0.23	0.35	0.17
Alabama.....	83	70	68	27	32	31	243	328	487	0.14	0.18	0.26
Mississippi.....	22	35	35	8	18	14	135	315	77	0.14	0.33	0.07
<b>West South Central:</b>												
Arkansas.....	27	31	32	9	5	9	96	112	170	0.10	0.12	0.17
Louisiana.....	48	53	61	23	24	27	184	719	317	0.10	0.39	0.16
Oklahoma.....	22	44	23	2	8	7	12	99	53	0.01	0.08	0.04
Texas.....	91	110	143	26	42	58	336	661	884	0.06	0.11	0.14
<b>Mountain:</b>												
Montana.....	21	18	15	21	4	1	94	19	14	0.28	0.06	0.04
Idaho.....	23	23	24	2	4	10	36	21	114	0.11	0.06	0.31
Wyoming.....	4	9	8	1	(Z)	5	2	6	47	0.01	0.03	0.26
Colorado.....	35	33	33	6	6	14	45	52	237	0.04	0.05	0.20
New Mexico.....	14	21	15	3	6	2	41	45	48	0.09	0.09	0.10
Arizona.....	18	22	23	3	22	6	69	614	52	0.09	0.78	0.06
Utah.....	23	17	27	19	6	13	375	73	97	0.66	0.13	0.17
Nevada.....	34	36	24	15	12	4	114	268	121	0.36	0.83	0.36
<b>Pacific:</b>												
Washington.....	48	52	64	23	42	44	273	676	659	0.16	0.38	0.33
Oregon.....	17	39	50	13	12	14	147	145	168	0.12	0.12	0.13
California.....	266	341	274	92	150	84	1,910	2,340	1,070	0.16	0.20	0.09
Alaska.....	8	10	10	(Z)	1	1	10	15	13	0.11	0.14	0.12
Hawaii.....	26	24	28	3	8	5	8	45	44	0.02	0.11	0.10

Z Less than 500.

<sup>1</sup> See footnote 1, table 353. <sup>2</sup> See footnote 3, table 353.

Source: Dept. of Labor, Bureau of Labor Statistics; annual bulletin, *Analysis of Work Stoppages*; release, *Work Stoppages by State*; and *Monthly Labor Review*.



## Section 9

### National Defense and Veterans Affairs

This section presents statistics on national defense and its human and financial costs; military personnel, ships, and aircraft; Selective Service operations; and various Federally sponsored programs and benefits for veterans. The principal sources of these data are the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, and Air Force; the Selective Service System; *Annual Report of the Administrator of Veterans Affairs*, Veterans Administration; and *Budget of the United States Government*, Bureau of the Budget. Data on veterans also appear in reports of the Census of Population, conducted by the Bureau of the Census.

**Department of Defense.**—Until 1947, the Army, Navy, and Air Force operated under independent jurisdiction, answering only to the Commander-in-Chief, the President of the United States. In 1947, passage of the National Security Act resulted in the National Military Establishment, organized to provide for the coordination and unified direction of the Army, Navy, and Air Force under a civilian Secretary of Defense. The three services remained separately administered, however, and each retained its Department status. Amendments to the Act in 1949 redesignated the National Military Establishment as the Department of Defense.

**Selective Service.**—The Selective Service System is responsible for the registration, classification, selection, forwarding for examination, and delivery for induction into the Armed Forces of all men required to register under the Universal Military and Training Act, as amended. The act requires all men in the United States between the ages of 18 and 26 to register, and makes those between 18½ and 26 years old liable for service in the Armed Forces. It also provides exemptions from service or deferments for reasons of previous service, essential occupation, etc. Deferred persons remain liable for service until they reach 35 years of age. Selective Service is also authorized to determine availability of members of the Standby Reserve of the Armed Forces for order to active duty in time of war or national emergency.

**Reserve components.**—The reserve components of the Armed Forces are the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. The purpose of the reserve components is to provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as required by the National security. Whenever Congress determines that more personnel are needed for the National security than are in the regular ground, sea, and air forces, units of the reserve components are ordered to active duty and retained as long as needed.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peace time, the National Guard is State-administered, under command of the State Governors. The State mission is to provide units organized, trained, and equipped to protect life and property and to preserve peace, order, and public safety. The Federal mission is to provide units capable and ready for mobilization in time of war or national emergency to support the Army and Air Forces. The President is also empowered to federalize the National Guard and to use such of the Armed Forces as he considers necessary to quell insurrection in any State against its government, to enforce Federal authority in any State, and to suppress interference with the execution of State and Federal law in a State by insurrection, violence, or conspiracy.

**Veterans Administration.**—The Veterans Administration administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased former members. Veterans benefits available under vari-

ous acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation for service-connected disability; education and training; guaranty or insurance of home, farm, and business loans; U.S. Government and National Service Life Insurance; hospitalization; domiciliary care; nursing home care; out-patient medical and dental care for service-connected disability; prosthetic and other appliances; special housing and automobiles or other conveyances for certain disabled veterans; burial allowances; and educational assistance to sons and daughters of deceased or totally disabled veterans.

Estimates of veterans in civil life as published by the Veterans Administration generally cover all persons with war service and include those living outside the United States. Similar data from the Bureau of the Census relate to civilian males, 14 years old and over, who live in the United States and who have served in the Armed Forces, whether in war or peacetime.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 357. BUDGET EXPENDITURES FOR NATIONAL DEFENSE AND VETERANS BENEFITS AND SERVICES: 1930 TO 1968

[In millions of dollars, except percent. Refers to Federal administrative budget for years ending June 30. Includes expenditures of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. See also *Historical Statistics, Colonial Times to 1957*, series Y 357-358 and Y 360]

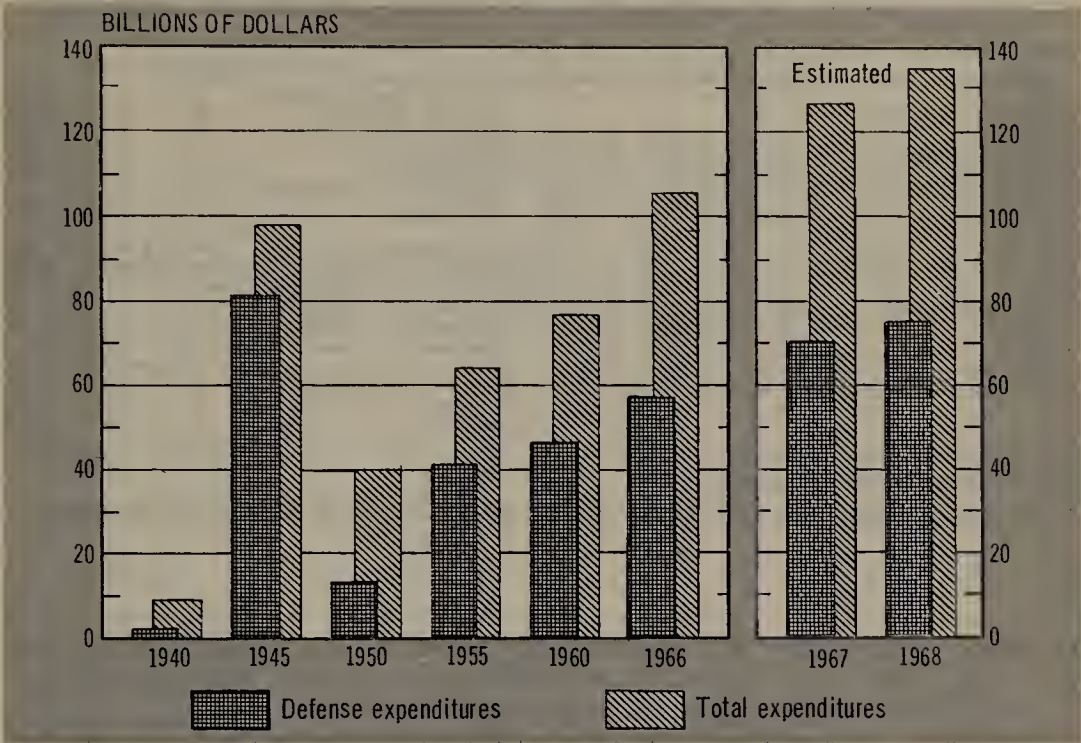
YEAR	Total admin- istra- tive budget ex- pend- itures	NATIONAL DEFENSE			VETERANS BENEFITS AND SERVICES		YEAR	Total admin- istra- tive budget ex- pend- itures	NATIONAL DEFENSE			VETERANS BENEFITS AND SERVICES	
		Amount	As percent of—		Amount	Per- cent of total			Amount	As percent of—		Amount	Per- cent of total
			Total	GNP <sup>1</sup>						Total	GNP <sup>1</sup>		
1930..	3, 320	734	22. 1	. 8	821	24. 7	1954..	67, 537	46, 986	69. 6	12. 9	4, 341	6. 4
1935..	6, 497	711	10. 9	1. 0	607	9. 3	1955..	64, 389	40, 695	63. 2	10. 2	4, 522	7. 0
1940..	9, 055	1, 498	16. 5	1. 5	552	6. 1	1956..	66, 224	40, 723	61. 5	9. 7	4, 810	7. 3
1941..	13, 255	6, 054	45. 7	4. 9	566	4. 3	1957..	68, 966	43, 368	62. 9	9. 8	4, 870	7. 1
1942..	34, 037	23, 970	70. 4	15. 2	558	1. 6	1958..	71, 369	44, 234	62. 0	9. 9	5, 184	7. 3
1943..	79, 368	63, 216	79. 6	33. 0	606	0. 8	1959..	80, 342	46, 483	57. 9	9. 6	5, 287	6. 6
1944..	94, 986	76, 757	80. 8	36. 5	745	0. 8	1960..	76, 539	45, 691	59. 7	9. 1	5, 266	6. 9
1945..	98, 303	81, 277	82. 7	38. 3	2, 095	2. 1	1961..	81, 515	47, 494	58. 3	9. 1	5, 414	6. 6
1946..	60, 326	43, 226	71. 7	20. 7	4, 415	7. 3	1962..	87, 787	51, 103	58. 2	9. 1	5, 403	6. 2
1947..	38, 923	14, 398	37. 0	6. 2	7, 381	19. 0	1963..	92, 642	52, 755	56. 9	9. 0	5, 186	5. 6
1948..	32, 955	11, 779	35. 7	4. 6	6, 653	20. 2	1964..	97, 684	54, 181	55. 5	8. 6	5, 492	5. 6
1949..	39, 474	12, 926	32. 7	5. 0	6, 725	17. 0	1965..	96, 507	50, 163	52. 0	7. 4	5, 495	5. 7
1950..	39, 544	13, 018	32. 9	4. 6	6, 646	16. 8	1966..	106, 978	57, 718	53. 9	28. 1	5, 023	4. 7
1951..	43, 970	22, 471	51. 1	6. 8	5, 400	12. 3	1967 <sup>2</sup>	126, 729	70, 222	55. 4	(NA)	6, 394	5. 0
1952..	65, 303	44, 037	67. 4	12. 7	4, 933	7. 6	1968 <sup>3</sup>	135, 033	75, 487	55. 9	(NA)	6, 124	4. 5
1953..	74, 120	50, 442	68. 1	13. 8	4, 368	5. 9							

NA Not available.  
<sup>1</sup> Gross national product; see table 452.  
<sup>2</sup> Preliminary.  
<sup>3</sup> Estimate.



FIG. XV. NATIONAL DEFENSE AND TOTAL ADMINISTRATIVE BUDGET EXPENDITURES: 1940 TO 1968

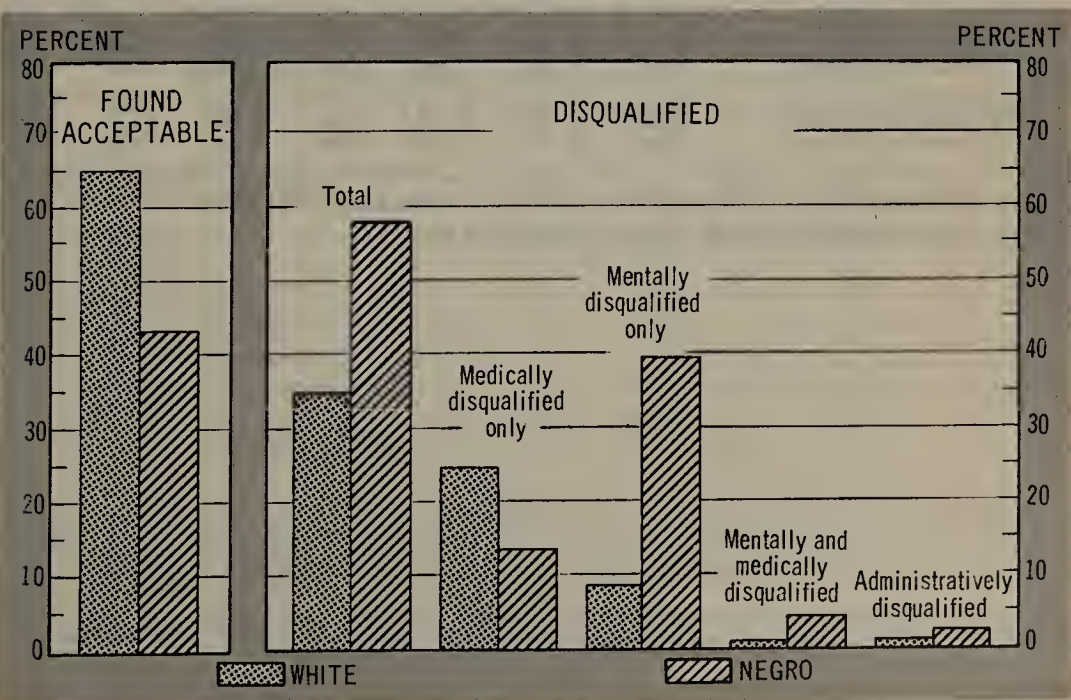
[See table 357]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Executive Office of the President, Bureau of the Budget.

FIG. XVI. SELECTIVE SERVICE DRAFTEES FOUND ACCEPTABLE AND DISQUALIFIED AS PERCENT OF TOTAL EXAMINED: 1966

[See table 384]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Army, Office of the Surgeon General.



No. 358. BUDGET EXPENDITURES FOR NATIONAL DEFENSE: 1966 TO 1968

[In millions of dollars. Refers to Federal administrative budget for years ending June 30]

COST CATEGORY, PROGRAM, OR AGENCY	1966	1967 est.	1968 est.	COST CATEGORY, PROGRAM, OR AGENCY	1966	1967 est.	1968 est.
Total.....	57,718	70,222	75,487	Dept. of Defense—Con.			
Department of Defense, mil- itary.....	54,409	66,950	72,300	Research, development, test, and evaluation.....	6,259	6,700	7,200
Military personnel.....	16,753	20,200	21,823	Military construction.....	1,334	1,600	1,600
Active forces.....	14,407	17,465	18,903	Family housing.....	647	570	582
Reserve forces.....	755	935	910	Civil defense.....	86	97	100
Retired pay.....	1,591	1,800	2,010	Revolving and manage- ment funds.....	281	718	346
Operation and mainte- nance.....	14,710	18,600	19,017	Military assistance.....	968	1,000	800
Procurement.....	14,339	18,465	21,632	Atomic energy program.....	2,403	2,270	2,330
Army.....	2,671	4,460	5,370	Defense-related activities.....	-62	1	57
Navy.....	5,075	6,055	6,954	Stockpiling of strategic and critical materials.....	16	20	19
Air Force.....	6,414	7,635	8,735	Expansion of defense pro- duction.....	-152	-93	-30
Other <sup>1</sup> .....	179	325	573	Selective Service System..	54	60	58
				Emergency preparedness activities.....	20	14	10

<sup>1</sup> Marine Corps and Defense agencies.  
Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

No. 359. DEPARTMENT OF DEFENSE OBLIGATIONS AND EXPENDITURES: 1965 AND 1966

[In millions of dollars. For years ending June 30]

ITEM	Total	MILITARY FUNCTIONS					Civil functions
		Total	Army	Navy	Air Force	Other	
1965: Available for obligation.....	65,645	64,203	16,387	20,757	23,250	3,809	1,442
Obligation for year.....	54,487	53,174	13,999	15,630	20,036	3,508	1,313
Unobligated balance.....	11,158	11,029	2,388	5,127	3,214	300	129
Available for expenditure.....	80,685	79,116	17,748	29,014	27,928	4,426	1,569
Expended during year.....	47,370	46,173	11,600	13,399	18,216	2,958	1,197
Unexpended balance.....	33,315	32,943	6,147	15,615	9,712	1,468	372
1966: Available for obligation.....	81,709	80,179	23,156	25,380	27,429	4,215	1,530
Obligation for year.....	67,704	66,325	21,000	18,714	23,009	3,603	1,379
Unobligated balance.....	14,005	13,854	2,156	6,666	4,421	612	151
Available for expenditure.....	97,268	95,538	23,692	34,100	32,446	5,300	<sup>1</sup> 1,730
Expended during year.....	55,686	54,409	14,832	16,026	20,131	3,421	1,277
Unexpended balance.....	41,582	41,129	8,860	18,074	12,316	1,879	453

<sup>1</sup> Excludes Interoceanic Canal Commission now stated under "Other Independent Agencies."  
Source: Dept. of Defense, Office of the Secretary; unpublished data.

**No. 360. DEPARTMENT OF DEFENSE MILITARY PROCUREMENT: 1960 TO 1967**

[In millions of dollars. Net values; for years ending June 30, except as noted. Includes all new prime contracts; debit or credit changes in contracts are included only if they involve \$10,000 or more. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

PROCUREMENT ACTION AND DEPARTMENT	1960	1962	1963	1964	1965	1966	1967	
							1st qtr.	2d qtr.
<b>Total</b> .....	<b>23,689</b>	<b>29,254</b>	<b>29,379</b>	<b>28,796</b>	<b>27,997</b>	<b>38,243</b>	<b>11,391</b>	<b>9,697</b>
Department of the Army.....	5,882	7,555	<sup>1</sup> 6,555	<sup>1</sup> 6,553	<sup>1</sup> 6,328	11,298	2,439	2,880
Department of the Navy.....	7,421	8,767	8,235	8,995	8,969	10,464	3,598	2,533
Department of the Air Force.....	10,386	11,769	11,919	10,547	9,658	10,741	3,598	2,480
Defense Supply Agency <sup>2</sup> .....	(X)	1,163	2,670	2,701	3,042	5,740	1,756	1,804
<b>With business firms for work in U.S. <sup>3</sup></b> .....	<b>21,302</b>	<b>26,147</b>	<b>27,143</b>	<b>26,221</b>	<b>25,281</b>	<b>34,026</b>	<b>10,049</b>	<b>8,727</b>
Department of the Army.....	4,911	6,403	<sup>1</sup> 5,825	<sup>1</sup> 5,653	<sup>1</sup> 5,475	9,994	2,110	2,580
Department of the Navy.....	6,746	8,001	7,803	8,447	8,333	9,075	3,129	2,263
Department of the Air Force.....	9,645	10,738	11,189	9,766	8,795	9,683	3,263	2,278
Defense Supply Agency <sup>2</sup> .....	(X)	1,005	2,326	2,355	2,678	5,274	1,547	1,606
Type of contract:								
Advertised.....	2,978	3,412	3,538	3,889	4,660	5,147	1,429	1,271
Negotiated.....	18,324	22,735	23,605	22,332	20,621	28,879	8,620	7,456
<b>With small business firms <sup>4</sup></b> .....	<b>3,440</b>	<b>4,622</b>	<b>4,301</b>	<b>4,519</b>	<b>4,943</b>	<b>7,269</b>	<b>1,892</b>	<b>1,903</b>
Department of the Army.....	1,528	1,761	<sup>1</sup> 1,187	<sup>1</sup> 1,280	<sup>1</sup> 1,339	1,867	367	435
Department of the Navy.....	1,048	1,371	1,193	1,287	1,375	1,753	481	416
Department of the Air Force.....	864	1,026	978	939	1,055	1,205	424	301
Defense Supply Agency <sup>2</sup> .....	(X)	464	943	1,013	1,174	2,444	620	751
Type of contract:								
Advertised.....	1,175	1,089	867	930	1,058	1,530	321	374
Negotiated.....	2,265	3,533	3,434	3,589	3,885	5,739	1,571	1,529
<b>For work outside U.S. <sup>5</sup></b> .....	<b>1,226</b>	<b>1,454</b>	<b>1,271</b>	<b>1,325</b>	<b>1,366</b>	<b>2,530</b>	<b>855</b>	<b>673</b>
Department of the Army.....	604	680	<sup>1</sup> 522	<sup>1</sup> 570	<sup>1</sup> 576	974	244	233
Department of the Navy.....	394	403	152	206	179	753	251	177
Department of the Air Force.....	228	275	269	229	271	385	159	80
Defense Supply Agency <sup>2</sup> .....	(X)	96	328	320	340	418	201	183
<b>Intergovernmental <sup>6</sup></b> .....	<b>781</b>	<b>1,156</b>	<b>347</b>	<b>562</b>	<b>612</b>	<b>1,015</b>	<b>290</b>	<b>178</b>
<b>Educational and nonprofit institutions</b> .....	<b>380</b>	<b>497</b>	<b>618</b>	<b>688</b>	<b>738</b>	<b>672</b>	<b>197</b>	<b>119</b>

X Not applicable. <sup>1</sup> Includes other defense agencies.

<sup>2</sup> Includes awards since Jan. 1, 1962, for certain common supplies for which procurement responsibility was transferred from the military departments. <sup>3</sup> Includes Puerto Rico and outlying areas.

<sup>4</sup> Covers firms not dominant in their fields of operation and generally employing fewer than 500 persons; in some cases, firms with less than 750 employees, or with less than 1,000. For certain types of firms, other criteria are used, such as yearly gross sales. <sup>5</sup> Covers all awards for work to be performed in foreign countries.

<sup>6</sup> Through 1962, includes interservice purchases; thereafter, covers only purchases from other Federal agencies.

Source: Dept. of Defense, Office of the Secretary; *Military Prime Contract Awards and Subcontract Payments or Commitments*.

**No. 361. EMPLOYMENT—DEFENSE-RELATED AGENCIES COMPARED WITH TOTAL FEDERAL AND TOTAL UNITED STATES: 1955 TO 1965**

[In thousands, except percent. Employment figures are annual averages]

ITEM	1955	1960	1962	1963	1964	1965
U.S. employment, including military personnel.....	65,992	69,195	70,673	71,546	73,095	74,901
<b>Federal military and civilian <sup>1</sup></b> .....	<b>5,323</b>	<b>4,820</b>	<b>5,220</b>	<b>5,149</b>	<b>5,129</b>	<b>5,141</b>
Military personnel.....	3,048	2,514	2,827	2,737	2,738	2,722
Civilian personnel <sup>1</sup> .....	2,275	2,306	2,393	2,412	2,391	2,419
Defense-related agencies <sup>1</sup> .....	1,100	984	1,007	993	978	983
Department of Defense <sup>2</sup> .....	1,086	969	993	979	964	968
Atomic Energy Commission <sup>3</sup> .....	6	7	7	7	7	7
Selective Service System.....	7	6	7	7	7	8
Office of Emergency Planning <sup>4</sup> .....	1	2	(Z)	(Z)	(Z)	(Z)
Federal defense-related employment.....	4,148	3,498	3,834	3,730	3,716	3,705
As percent of:						
Federal military and civilian employment.....	77.9	72.6	73.4	72.4	72.5	72.1
U.S. employment including military.....	6.3	5.1	5.4	5.2	5.1	4.9

Z Less than 500.

<sup>1</sup> Includes U.S. citizens employed by U.S. Government abroad; excludes foreign nationals so employed.

<sup>2</sup> Beginning 1962 includes civil defense, assigned in prior years to Office of Civil and Defense Mobilization.

<sup>3</sup> Partially engaged in defense activities.

<sup>4</sup> Established Sept. 22, 1961. 1955 data are for Office of Defense Mobilization and Federal Civil Defense Administration; 1960, for Office of Civil and Defense Mobilization.

Source: U.S. Arms Control and Disarmament Agency; *The Economic and Social Consequences of Disarmament*, and unpublished data. (Data from Bureau of Labor Statistics, Civil Service Comm., and Dept. of Defense.)

# NO. 362. DEFENSE-RELATED WORK—WAGE AND SALARY DISBURSEMENTS AND EMPLOYMENT, BY STATES: 1964

[Covers all wage and salary employees in 5 manufacturing industries primarily engaged in defense-related work, civilian personnel of Federal agencies engaged in defense-related work, and Federal military personnel. The 5 manufacturing industries are those engaged in the production of: Aircraft and parts, communication equipment, electronic components and accessories, ordnance and accessories, and ship and boat building and repairing. For Federal agencies included, see table 361]

YEAR AND STATE	DISBURSEMENTS (mil. dol.)					EMPLOYMENT (1,000)				
	Amount	Percent of—		5 industries <sup>2</sup>	Federal personnel <sup>3</sup>	Number	Percent of—		5 industries <sup>5</sup>	Federal civilian <sup>6</sup>
		U.S.	State personal income <sup>1</sup>				U.S.	State non-agricultural employment <sup>4</sup>		
U.S.	29,651	100.0	(X)	12,666	16,985	2,647	100.0	(X)	1,676	971
Ala.	542	1.8	9.0	99	443	54	2.0	6.4	14	41
Alaska	7 202	7 0.7	25.9	7 1	201	6	0.2	9.3	(Z)	6
Ariz.	291	1.0	8.2	135	156	25	0.9	6.5	18	7
Ark.	113	0.4	3.5	7	106	5	0.2	1.3	1	4
Calif.	6,038	20.4	10.8	3,540	2,498	547	20.7	9.8	407	140
Colo.	7 430	7 1.5	8.5	7 142	288	7 31	7 1.2	5.4	7 16	15
Conn.	857	2.9	9.4	761	96	105	4.0	10.6	102	3
Del.	7 55	7 0.2	3.3	7 (Z)	54	2	0.1	0.9	(Z)	1
Dist. of Col.	280	0.9	9.8	5	275	31	1.2	5.1	(Z)	31
Fla.	1,024	3.5	8.0	380	644	78	2.9	5.1	51	27
Ga.	805	2.7	9.6	156	649	53	2.0	4.5	20	33
Hawaii	7 356	7 1.2	19.7	7 1	355	19	0.7	9.1	(Z)	19
Idaho	7 41	7 0.1	2.9	7 1	40	1	(Z)	0.5	(Z)	1
Ill.	954	3.2	3.0	488	466	107	4.0	2.9	78	29
Ind.	490	1.7	4.0	341	149	63	2.4	4.1	50	12
Iowa	143	0.5	2.2	90	53	16	0.6	2.2	15	1
Kans.	462	1.6	8.9	245	217	40	1.5	6.9	35	5
Ky.	7 326	7 1.1	5.6	7 27	299	7 17	7 0.6	2.4	7 5	12
La.	7 361	7 1.2	5.5	7 150	211	7 28	7 1.1	3.3	7 21	7
Maine	145	0.5	6.8	33	112	15	0.6	5.4	6	9
Md.	1,106	3.7	11.2	268	838	79	3.0	7.8	34	45
Mass.	908	3.1	5.7	513	395	100	3.8	5.1	77	24
Mich.	350	1.2	1.6	106	244	26	1.0	1.1	15	12
Minn.	146	0.5	1.7	86	60	15	0.6	1.5	13	2
Miss.	7 199	7 0.7	6.0	7 44	155	7 13	7 0.5	2.9	7 7	6
Mo.	648	2.2	5.7	398	250	71	2.7	5.1	55	16
Mont.	57	0.2	3.6	(Z)	57	1	(Z)	0.6	(Z)	1
Nebr.	178	0.6	5.1	46	132	12	0.5	2.9	7	4
Nev.	8 58	8 0.2	4.4	(D)	58	8 3	0.1	1.9	(D)	3
N.H.	7 128	7 0.4	8.2	7 44	84	7 9	7 0.3	4.4	7 8	1
N.J.	7 1,085	7 3.7	5.4	7 627	458	7 108	7 4.1	5.0	7 83	25
N. Mex.	7 222	7 0.7	10.8	7 38	184	7 17	7 0.6	6.6	7 5	12
N.Y.	1,718	5.8	3.0	1,065	653	184	7.0	2.9	136	48
N.C.	562	1.9	6.1	106	456	23	1.1	2.1	18	10
N. Dak.	8 64	8 0.2	4.7	(D)	64	8 1	(Z)	1.0	(D)	1
Ohio	1,016	3.4	3.8	485	531	107	4.0	3.3	64	42
Okla.	436	1.5	8.5	98	338	40	1.5	6.2	15	25
Oreg.	86	0.3	1.8	22	64	7	0.3	1.2	3	3
Pa.	1,182	4.0	4.0	549	633	147	5.6	3.9	80	67
R.I.	182	0.6	7.9	18	164	12	0.5	3.9	3	8
S.C.	374	1.3	8.8	21	353	20	0.8	3.1	5	15
S. Dak.	8 45	8 0.2	3.4	(D)	45	8 1	(Z)	1.0	(D)	1
Tenn.	202	0.7	2.9	39	163	15	0.6	1.4	8	7
Tex.	1,795	6.1	7.9	539	1,256	136	5.1	4.9	74	62
Utah	261	0.9	12.2	104	157	33	1.2	11.1	14	19
Vt.	7 23	7 0.1	2.7	7 18	5	7 3	7 0.1	2.6	7 3	(Z)
Va.	7 1,541	7 5.2	15.7	7 208	1,333	7 113	7 4.3	9.8	7 30	83
Wash.	933	3.1	11.9	505	428	82	3.1	9.6	60	22
W. Va.	27	0.1	0.8	7	20	2	0.1	0.5	1	1
Wis.	158	0.5	1.5	98	60	16	0.6	1.3	14	2
Wyo.	7 40	7 0.1	4.8	7 3	37	7 1	(Z)	1.3	7 1	1

D Not shown to avoid disclosure for individual firms. X Not applicable. Z Less than 500 employees, \$500,000 disbursements or 0.05 percent. <sup>1</sup> For base data, see table 463, *Statistical Abstract* 1966.

<sup>2</sup> Preliminary. Reported on quarterly contribution reports of employers covered by State unemployment insurance laws; excludes disbursements to proprietors and self-employed.

<sup>3</sup> Military and civilian. Disbursements to civilians are gross, before withholding. Excludes disbursements to foreign nationals employed. Disbursements to the military are derived as the sum of (a) gross earnings of military personnel stationed in the State, less amounts withheld by the government and sent to dependents, and (b) allotments received by military dependents resident in the State.

<sup>4</sup> For base data, see table 307, *Statistical Abstract* 1965. <sup>5</sup> Preliminary. Workers covered by State unemployment insurance laws. Excludes proprietors, self-employed, and unpaid family workers.

<sup>6</sup> As of Dec. 31. Excludes foreign nationals and U.S. citizens employed by the U.S. Government abroad.

<sup>7</sup> Understated. Data for 1 or more of the 5 manufacturing industries were not separately shown, to avoid disclosure for individual firms. <sup>8</sup> Excludes data for 5 industries.

Source: Dept. of Labor, Bureau of Labor Statistics; unpublished data.



## No. 363. DEFENSE CONTRACT AWARDS AND PAYROLLS—STATES: 1964 TO 1966

[In millions of dollars. For years ending June 30. Data for contracts refer to awards made in fiscal year specified; expenditures relating to those awards may extend over several years]

STATE	1964			1965			1966		
	Contract awards <sup>1</sup>	Estimated annual payroll		Contract awards <sup>1</sup>	Estimated annual payroll		Contract awards <sup>1</sup>	Estimated annual payroll	
		Military personnel <sup>2</sup>	Civilians <sup>3</sup>		Military personnel <sup>2</sup>	Civilians <sup>3</sup>		Military personnel <sup>2</sup>	Civilians <sup>3</sup>
<b>Total</b> .....	27,470	7,760	6,306	26,631	7,781	6,774	35,713	8,257	7,211
Alabama.....	191	119	222	165	130	228	282	144	233
Alaska.....	102	144	41	74	138	57	72	163	51
Arizona.....	174	86	47	177	105	48	248	107	46
Arkansas.....	30	69	30	39	54	29	96	55	20
California.....	5,100	973	917	5,154	983	1,046	5,813	1,067	1,195
Colorado.....	390	190	97	250	163	100	256	183	128
Connecticut.....	1,126	23	20	1,180	23	23	2,052	20	28
Delaware.....	30	45	9	38	43	8	37	41	9
District of Columbia.....	223	141	194	244	142	230	328	192	166
Florida.....	783	335	164	633	362	166	767	375	191
Georgia.....	520	388	220	662	396	224	799	421	240
Hawaii.....	52	192	125	72	183	121	64	208	153
Idaho.....	8	31	3	12	31	3	20	26	3
Illinois.....	429	208	193	422	219	200	920	250	217
Indiana.....	538	38	80	605	41	83	1,068	48	95
Iowa.....	104	8	4	134	8	4	248	9	4
Kansas.....	289	165	33	229	173	32	313	118	33
Kentucky.....	40	186	79	43	172	79	70	191	90
Louisiana.....	181	139	46	256	128	44	303	168	46
Maine.....	32	64	11	69	65	10	51	64	10
Maryland.....	548	221	264	584	254	343	843	257	304
Massachusetts.....	1,032	151	165	1,179	153	172	1,336	166	186
Michigan.....	591	105	78	533	105	83	918	106	80
Minnesota.....	218	24	14	260	24	13	498	27	15
Mississippi.....	156	115	41	152	105	42	162	116	47
Missouri.....	1,349	114	106	1,061	104	114	1,113	147	141
Montana.....	16	46	6	69	50	6	14	55	8
Nebraska.....	34	105	29	43	101	25	80	92	30
Nevada.....	6	38	18	19	40	18	32	36	19
New Hampshire.....	65	42	63	52	41	62	110	35	61
New Jersey.....	918	185	165	820	166	171	1,090	212	182
New Mexico.....	72	111	73	84	111	75	86	117	80
New York.....	2,496	178	336	2,229	174	342	2,819	197	320
North Carolina.....	273	341	68	288	344	63	449	266	74
North Dakota.....	192	52	8	49	59	8	83	70	10
Ohio.....	1,029	109	250	863	111	333	1,589	120	329
Oklahoma.....	123	154	165	120	161	169	158	167	191
Oregon.....	29	25	24	40	26	23	90	23	20
Pennsylvania.....	883	71	451	989	77	510	1,665	81	521
Rhode Island.....	38	34	57	86	38	56	132	40	65
South Carolina.....	52	185	99	82	185	99	176	250	117
South Dakota.....	23	33	9	21	34	9	23	37	9
Tennessee.....	194	79	45	197	90	45	502	93	45
Texas.....	1,294	774	396	1,447	798	399	2,292	834	444
Utah.....	340	22	128	191	24	139	170	27	169
Vermont.....	14	1	(Z)	32	2	-	81	2	-
Virginia.....	691	453	534	473	444	540	426	453	575
Washington.....	1,086	204	148	546	211	157	444	194	175
West Virginia.....	87	3	7	90	3	7	149	3	1
Wisconsin.....	177	22	15	203	22	12	365	20	15
Wyoming.....	49	25	6	8	25	4	11	25	4
Undistributed.....	3,053	194	-	3,363	140	-	4,000	139	16

- Represents zero. Z Less than \$500,000.

<sup>1</sup> Awards of \$10,000 or more for supplies, services, and construction. Figures reflect impact of prime-contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 360.

<sup>2</sup> For shore-based personnel only. <sup>3</sup> Direct hire employees only.

Source: Dept. of Defense, Office of the Secretary; *Prime Contract Awards By State*, June 1966.

## No. 364. MILITARY ASSISTANCE PROGRAM: 1950 TO 1967

[In millions of dollars. For years ending June 30. Programs and deliveries are military equipment, supplies, and services planned for delivery and actually delivered. Includes (a) equipment and supplies procured for the Military Assistance Program or from procurement or stocks of military departments; (b) services, such as training, military construction, repair and rehabilitation of excess stocks, supply operations, and other charges, the delivery of which is included on the basis of the expenditure for the service; and (c) purchases of military equipment and supplies initially credit financed or guaranteed with MAP funds. The fact that there is a military assistance program for a country is not to be construed as a commitment of the United States]

AREA AND COUNTRY	PROGRAMS		DELIVERIES		
	1950-1967	1967 <sup>1</sup>	1950-1966	1967 estimate	July 1967 and after estimate
<b>Worldwide</b> .....	<b>35,371.4</b>	<b>1,274.7</b>	<b>32,146.3</b>	<b>1,265.8</b>	<b>1,959.3</b>
<b>Far East</b> .....	<b>9,734.4</b>	<b>368.3</b>	<b>8,825.0</b>	<b>356.5</b>	<b>552.9</b>
Australia.....	125.9	-	99.7	15.0	11.2
Cambodia.....	87.1	-	87.1	-	-
China, Rep. of.....	2,492.3	100.0	2,240.7	103.2	148.4
Indochina.....	709.6	-	709.6	-	-
Indonesia.....	63.6	.4	63.2	.2	.2
Japan.....	898.5	.4	856.1	28.7	13.7
Korea.....	2,524.9	165.0	2,148.1	147.6	229.2
Malaysia.....	23.9	20.2	.2	.9	22.8
Philippines.....	378.6	22.0	322.7	15.4	40.5
Thailand.....	667.6	60.0	540.7	40.5	86.4
Viet-Nam.....	1,511.7	-	1,511.7	-	-
Other.....	250.7	.3	245.2	5.0	.5
<b>Near East</b> .....	<b>5,665.6</b>	<b>454.6</b>	<b>4,510.4</b>	<b>513.4</b>	<b>641.9</b>
Greece.....	1,489.0	65.0	1,303.9	75.2	109.8
Iran.....	1,036.8	141.6	673.9	156.9	206.0
Iraq.....	46.8	.2	46.6	.2	.1
Israel.....	27.6	-	21.9	1.5	4.2
Jordan.....	68.2	12.6	42.1	24.6	1.5
Lebanon.....	29.8	21.1	8.7	.1	21.1
Saudi Arabia.....	241.5	79.8	88.0	90.8	62.8
Turkey.....	2,703.1	134.0	2,303.1	163.9	236.1
Other.....	22.8	.3	22.2	.2	.3
<b>Europe</b> .....	<b>14,247.9</b>	<b>32.0</b>	<b>14,086.1</b>	<b>83.7</b>	<b>78.3</b>
Belgium.....	1,247.1	-	1,243.4	1.6	2.2
Denmark.....	617.6	.1	610.6	7.0	-
France.....	4,233.4	-	4,222.3	7.0	4.1
Germany.....	900.8	-	900.8	-	-
Italy.....	2,259.7	-	2,285.1	4.6	-
Luxembourg.....	8.2	-	8.2	-	-
Netherlands.....	1,219.3	-	1,216.3	3.0	-
Norway.....	896.5	18.2	819.0	44.9	32.6
Portugal.....	322.8	1.0	308.5	2.6	11.7
Spain.....	573.1	12.4	534.7	11.7	26.7
United Kingdom.....	1,034.5	-	1,034.5	-	-
Yugoslavia.....	695.6	-	695.2	-	.4
Other.....	209.3	.3	207.5	1.3	.6
<b>Africa</b> .....	<b>113.9</b>	<b>30.5</b>	<b>54.4</b>	<b>22.5</b>	<b>36.8</b>
Congo (Leopoldville).....	21.8	4.0	11.0	5.0	5.8
Liberia.....	7.2	.9	4.8	.5	1.9
Libya.....	31.5	19.0	9.8	2.3	19.4
Morocco.....	41.4	4.0	21.5	12.6	7.3
Other.....	12.0	2.6	7.3	2.1	2.4
<b>Latin America</b> .....	<b>925.3</b>	<b>85.5</b>	<b>660.0</b>	<b>102.0</b>	<b>163.2</b>
Argentina.....	71.1	15.9	22.0	19.8	29.3
Bolivia.....	18.5	3.4	13.0	2.0	3.5
Brazil.....	271.0	29.6	196.6	33.3	41.1
Chile.....	96.2	5.2	75.4	9.3	11.5
Colombia.....	83.0	8.1	59.6	6.9	16.5
Cuba.....	10.6	-	10.6	-	-
Dominican Republic.....	19.2	3.1	12.6	2.6	4.0
Ecuador.....	37.8	3.0	31.0	2.9	3.9
Guatemala.....	12.3	1.2	9.4	1.0	1.9
Mexico.....	7.1	.1	5.7	.3	1.1
Nicaragua.....	10.0	1.2	7.9	.8	1.3
Paraguay.....	7.0	1.0	4.2	1.0	1.8
Peru.....	107.7	5.0	84.8	10.3	12.6
Uruguay.....	38.9	1.5	34.2	1.7	2.9
Venezuela.....	96.8	4.2	63.5	6.1	27.2
Other.....	38.1	3.0	29.5	4.0	4.6
<b>Worldwide and nonregional <sup>2</sup></b> .....	<b>4,684.5</b>	<b>303.9</b>	<b>4,010.5</b>	<b>187.6</b>	<b>486.4</b>

- Represents zero. Z Less than \$50,000. <sup>1</sup> Estimated as of Jan. 9, 1967.

<sup>2</sup> Includes values for programs and deliveries for which data are not disclosed.

Source: Dept. of Defense, Office of the Secretary; *Military Assistance Facts*, Mar. 10, 1967.

No. 365. DEPARTMENT OF DEFENSE PROPERTY: 1960 AND 1966

[In millions of dollars. As of June 30]

MILITARY DEPARTMENT AND TYPE OF PROPERTY	1960			1966		
	Total	U.S. and possessions	Foreign countries and afloat	Total	U.S. and possessions	Foreign countries and afloat
<b>Department of Defense</b> .....	154, 617	123, 460	31, 157	183, 570	139, 337	44, 233
Real property inventory.....	<sup>1</sup> 31, 997	<sup>1</sup> 27, 766	4, 231	<sup>1</sup> 38, 390	<sup>1</sup> 33, 880	4, 510
Construction in progress, cost of work in place.....	<sup>2</sup> 2, 417	<sup>2</sup> 1, 883	534	<sup>2</sup> 1, 466	<sup>2</sup> 1, 016	450
Personal property inventory.....	<sup>3</sup> 120, 203	<sup>3</sup> 93, 811	26, 392	<sup>3</sup> 143, 714	<sup>3</sup> 104, 441	39, 273
<b>Army</b> .....	38, 344	32, 562	5, 782	38, 239	29, 480	8, 759
Real property inventory.....	<sup>1</sup> 9, 762	<sup>1</sup> 9, 068	694	10, 991	10, 006	985
Construction in progress, cost of work in place.....	<sup>2</sup> 324	<sup>2</sup> 245	79	374	335	39
Personal property inventory.....	<sup>3</sup> 28, 258	<sup>3</sup> 23, 249	5, 009	26, 874	19, 139	7, 735
<b>Navy (including Marine Corps)</b> .....	57, 449	39, 841	17, 608	73, 935	47, 314	26, 621
Real property inventory.....	9, 304	8, 758	546	10, 417	9, 503	914
Construction in progress, cost of work in place.....	643	543	100	597	401	196
Personal property inventory.....	<sup>4</sup> 47, 502	<sup>4</sup> 30, 540	<sup>7</sup> 16, 962	62, 921	<sup>6</sup> 37, 410	<sup>7</sup> 25, 511
<b>Air Force</b> .....	58, 824	51, 057	7, 767	68, 623	59, 789	8, 834
Real property inventory.....	12, 931	9, 940	2, 991	16, 982	14, 371	2, 611
Construction in progress, cost of work in place.....	1, 450	1, 095	355	495	280	215
Personal property inventory.....	<sup>4</sup> 44, 443	40, 022	4, 421	51, 146	45, 138	6, 008
DSA, personal property inventory <sup>8</sup> .....	(X)	(X)	(X)	2, 391	2, 391	(Z)
Office of the Secretary of Defense and other defense agencies, personal property inventory.....	(NA)	(NA)	(NA)	382	363	19

NA Not available. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Excludes real property under jurisdiction of Civil Works Division Office, Chief of Engineers, Dept. of the Army, in the following amounts: 1960, \$4,825 million; 1966, \$11,786 million.

<sup>2</sup> Excludes construction under jurisdiction of Civil Works Division Office amounting to \$2,299 million in 1960 and \$3,717 million in 1966.

<sup>3</sup> Excludes personal property under jurisdiction of the Civil Works Division Office in the amount of \$189 million. Includes \$2 million personal property of the Office of the Secretary of Defense.

<sup>4</sup> Includes Supply System inventories in transit as follows: Army, \$84 million; Navy, including Marine Corps, \$595 million; Air Force, \$618 million.

<sup>5</sup> Excludes \$311 million personal property under jurisdiction of Civil Works Division Office.

<sup>6</sup> Includes Reserve Fleet.

<sup>7</sup> Includes active fleet, supplies afloat, and organic property of Fleet Marine Force.

<sup>8</sup> Defense Supply Agency established in 1961.

Source: Dept. of Defense, Office of the Secretary; *Real and Personal Property of the Department of Defense*.

No. 366. CIVIL DEFENSE—FEDERAL MATCHING FUNDS OBLIGATED, AND STATE AND LOCAL GOVERNMENT EXPENDITURES: 1952 TO 1966

[In thousands of dollars. Total adjusted obligations as of June 30, 1966; initial obligations as of end of year for which funds were appropriated. Federal funds are made available to help State and local governments acquire civil defense emergency operating centers, survival supplies, equipment and training; and for personnel and administrative expenses. States and outlying areas are required to match Federal funds on an equal basis, except that for 1952 to 1957, matching ratio for Alaska was 70 percent Federal and 30 percent local]

ITEM	1966 adjusted total	1952 to 1966, total	1952 to 1963	1964	1965	1966
<b>Federal matching funds obligated</b> .....	210,760	250,199	177,019	23,735	25,581	23,865
Emergency operating centers program <sup>1</sup> .....	142, 215	30, 798	16, 150	4, 438	5, 761	4, 449
Survival supplies, equip., and training program.....		148, 072	134, 745	4, 976	4, 348	4, 003
Personnel and administrative expense program.....	<sup>2</sup> 68, 545	<sup>2</sup> 71, 330	<sup>2</sup> 26, 123	14, 321	15, 472	15, 414
<b>State and local expenditures</b> <sup>3</sup> .....	(X)	<sup>4</sup> 484, 226	<sup>4</sup> 296, 387	55, 552	59, 787	<sup>5</sup> 72, 500
State government expenditures <sup>3</sup> .....	(X)	<sup>4</sup> 147, 281	<sup>4</sup> 87, 448	20, 293	18, 292	<sup>5</sup> 21, 248
Local government expenditures <sup>3</sup> .....	(X)	<sup>4</sup> 336, 945	<sup>4</sup> 208, 939	35, 259	41, 495	<sup>5</sup> 51, 252

X Not applicable.

<sup>1</sup> Prior to 1957, emergency operating centers included with survival supplies, equipment, and training.

<sup>2</sup> Total for period beginning fiscal year 1961, when program began.

<sup>3</sup> Direct expenditures for civil defense, including funds received from Federal Government.

<sup>4</sup> Total for period beginning fiscal year 1957.

<sup>5</sup> Estimated by State and local governments as of end of fiscal year 1965.

Source: Dept. of Defense, Office of Civil Defense; unpublished data.



No. 367. FALLOUT SHELTERS AND RADIOLOGICAL MONITORING STATIONS, STATES AND OTHER AREAS: 1966

[As of June 30. Facility defined as any building, mine, or cave providing shelter space for 50 or more people and protection to extent that radiation would be reduced to at least 1/40 of what it would be with no protection; space defined as area in a facility required to shelter 1 person. Monitoring station defined as a designated location protected to extent that radiation would be reduced to 1/100 of what it would be with no protection and having trained monitors, radiological equipment, and relatively reliable communications]

STATE OR OTHER AREA	SHELTERS								Moni- toring stations
	Located <sup>1</sup>		Llensed <sup>2</sup>		Marked <sup>3</sup>		Stocked <sup>4</sup>		
	Facilltles	Spaces (1,000)	Facilltles	Spaces (1,000)	Facilltles	Spaces (1,000)	Facilities	Spaces <sup>5</sup> (1,000)	
Total	165,839	149,624	93,032	89,268	95,419	85,286	74,667	41,294	<sup>6</sup> 58,062
Alabama	1,846	1,319	1,343	982	1,249	891	1,182	742	1,238
Alaska	252	113	182	86	166	72	182	78	177
Arizona	555	516	312	287	232	196	275	203	661
Arkansas	1,432	822	1,180	679	1,164	676	1,087	410	676
California	7,151	11,329	3,645	6,775	2,876	5,191	2,909	2,579	7,759
Colorado	1,652	1,485	1,016	939	846	692	869	670	433
Connecticut	2,914	2,220	1,847	1,632	1,530	1,294	1,583	900	1,027
Delaware	623	332	420	271	325	244	386	101	158
Dist. of Columbia	3,027	3,824	1,131	2,444	1,107	2,348	1,058	631	144
Florida	1,861	2,494	1,096	1,526	914	1,351	879	773	1,034
Georgia	1,951	2,912	1,436	2,219	1,242	2,060	1,162	970	2,813
Hawaii	481	342	257	206	204	160	203	96	301
Idaho	397	184	331	151	293	131	312	134	375
Illinois	7,809	10,158	4,405	5,368	4,066	4,624	3,211	1,647	897
Indiana	2,763	2,169	1,608	1,378	1,786	1,364	1,419	950	529
Iowa	2,212	1,283	1,509	863	1,670	985	1,215	529	864
Kansas	2,717	1,657	1,726	1,219	1,837	1,258	1,337	620	1,083
Kentucky	1,678	1,991	1,057	1,213	1,159	1,319	947	835	1,113
Louisiana	882	1,237	619	800	687	895	507	437	1,706
Maine	649	311	439	255	391	235	364	157	961
Maryland	2,394	2,183	1,689	1,531	1,485	1,306	1,357	728	993
Massachusetts	6,623	5,077	3,400	2,632	3,064	2,461	2,410	1,196	1,524
Michigan	4,774	4,979	2,785	3,087	2,653	2,832	2,399	1,263	833
Minnesota	3,413	2,899	2,455	2,183	2,165	1,651	2,360	1,269	946
Mississippi	540	380	456	337	464	336	417	322	890
Missouri	4,147	4,357	2,062	2,428	1,919	2,358	1,505	932	1,150
Montana	662	333	510	263	437	208	493	205	534
Nebraska	2,748	974	1,715	606	1,633	595	1,150	365	681
Nevada	267	226	176	165	134	112	162	139	378
New Hampshire	460	208	295	144	260	126	283	121	465
New Jersey	7,878	6,218	3,904	3,548	4,118	3,711	2,661	1,342	1,901
New Mexico	525	306	450	264	422	231	413	160	783
New York	40,657	34,344	18,080	17,032	25,302	19,441	14,437	6,658	4,016
North Carolina	1,955	1,463	1,367	1,128	1,044	818	1,174	700	864
North Dakota	591	258	458	225	352	191	411	176	714
Ohio	7,168	6,270	4,180	3,401	4,710	3,659	2,989	1,610	2,251
Oklahoma	1,485	1,259	1,273	1,032	1,236	1,020	1,247	760	1,404
Oregon	1,372	1,203	849	791	614	683	604	392	496
Pennsylvania	12,910	11,712	7,305	7,287	6,460	6,546	5,312	2,572	2,625
Rhode Island	688	577	508	417	341	306	376	219	399
South Carolina	696	538	463	371	477	357	380	230	645
South Dakota	666	300	568	255	381	210	507	205	501
Tennessee	1,876	1,883	1,254	982	1,397	1,225	1,136	778	770
Texas	3,793	5,066	2,630	3,445	2,372	2,868	2,093	1,733	2,327
Utah	1,939	734	668	388	607	333	628	252	481
Vermont	323	138	253	115	230	117	236	86	295
Virginia	3,503	2,748	1,762	1,727	1,979	1,806	1,242	715	791
Washington	2,134	2,004	1,633	1,510	1,472	1,376	1,473	999	774
West Virginia	872	524	590	360	665	390	493	266	606
Wisconsin	3,935	2,775	2,621	1,740	2,169	1,469	2,424	1,137	2,208
Wyoming	376	176	270	121	208	108	251	96	377
Puerto Rico	1,382	733	748	406	817	399	462	167	394
Outlying areas	235	81	96	52	88	51	95	41	67

<sup>1</sup> Based on National Fallout Shelter Survey.  
<sup>2</sup> Facility owner has signed fallout shelter license which permits use of facility as a public shelter.  
<sup>3</sup> Official fallout shelter signs posted on facility.  
<sup>4</sup> Survival items (food, water, sanitation, and medical supplies) placed in shelters.  
<sup>5</sup> Number of spaces accommodated by supplies; not total capacity of facilities stocked.  
<sup>6</sup> Includes 30 monitoring stations in outlying areas of U.S. not allocated by area.

## No. 368. SUMMARY OF MAJOR MILITARY FORCES: 1955 TO 1966

[As of June 30]

DESCRIPTION	1955	1957	1959	1960	1961	1962	1963	1964	1965	1966
<b>Department of the Army:</b>										
Divisions.....	20	18	15	14	14	<sup>1</sup> 16	16	16	16	17
Regiments and regimental combat teams.....	12	9	5	5	6	6	4	4	4	4
Armored combat commands.....	-	-	1	1	1	-	-	-	-	-
Infantry brigades.....	-	-	2	2	2	1	4	7	7	9
Infantry battle groups.....	-	-	8	9	8	9	6	-	-	-
Missile commands.....	-	2	4	4	4	3	2	2	2	1
Air defense battalions.....	122	118	85	80 <sup>1</sup> / <sub>4</sub>	77 <sup>1</sup> / <sub>4</sub>	65 <sup>1</sup> / <sub>4</sub>	63 <sup>1</sup> / <sub>4</sub>	58 <sup>1</sup> / <sub>4</sub>	56 <sup>3</sup> / <sub>4</sub>	55
Special forces groups.....	-	-	-	-	3	4	6	7	7	7
Active aircraft inventory.....	3,539	4,447	5,199	5,528	5,564	5,648	6,001	6,338	6,933	8,098
<b>Department of the Navy:</b>										
Commissioned ships.....	1,030	967	860	812	819	900	857	859	880	909
Warships.....	402	409	386	376	375	397	383	388	407	410
Other ships.....	628	558	474	436	444	503	474	471	473	499
Carrier air groups.....	17	17	16	16	17	18	17	17	17	17
Carrier antisubmarine air groups.....	(X)	(X)	(X)	11	11	12	11	11	11	10
Carrier antisubmarine squadrons <sup>2</sup> .....	19	20	22	31	31	34	31	31	31	28
Marine divisions.....	3	3	3	3	3	3	3	3	3	4
Marine aircraft wings.....	3	3	3	3	3	3	3	3	3	3
Active aircraft inventory.....	12,821	11,617	9,649	8,863	8,793	9,176	8,756	8,391	8,056	8,260
Operating aircraft.....	9,761	9,421	7,562	6,759	6,682	7,458	7,165	6,949	6,620	6,485
Logistical support aircraft.....	3,060	2,196	2,087	2,104	2,111	1,718	1,591	1,442	1,436	1,775
<b>Department of the Air Force:</b>										
USAF Wings.....	121	137	105	96	88	97	86	83	78	74
Strategic.....	46	50	43	40	37	36	33	33	28	23
Air defense.....	29	32	27	23	19	18	18	14	13	11
Tactical (including airlift).....	46	55	35	33	32	43	35	36	37	40
Active aircraft inventory.....	23,694	25,969	20,890	18,712	16,905	16,591	16,024	15,380	14,875	14,196
Operating aircraft.....	21,398	20,902	18,260	16,567	15,072	14,271	13,841	13,166	13,094	12,574
Nonoperating aircraft.....	2,296	5,067	2,630	2,145	1,833	2,320	2,183	2,214	1,781	1,622

- Represents zero. X Not applicable.

<sup>1</sup> Excludes 2 National Guard divisions on active duty during Berlin crisis.<sup>2</sup> Beginning 1960, reorganized into carrier antisubmarine air groups.Source: Dept. of Defense, Office of the Secretary; annual report, *Selected Manpower Statistics*.

## No. 369. COMPOSITION OF SELECTED MILITARY FORCES: 1966 TO 1968

[As of June 30]

DESCRIPTION	1966	1967 est.	1968 est.	DESCRIPTION	1966	1967 est.	1968 est.
<b>Strategic retaliatory forces:</b>				<b>General purpose forces:</b>			
Intercontinental ballistic missiles (squadrons):				Army divisions (combat ready).....	17	17	17
Minuteman.....	17	20	20	Army maneuver battalions.....	191	198	198
Titan.....	6	6	6	Army aviation units.....	160	193	218
Polaris submarines <sup>1</sup> .....	37	41	41	Army special forces groups.....	7	7	7
Polaris missiles.....	592	656	656	Warships <sup>1</sup> .....	373	378	370
Strategic bombers (wings):				Amphibious assault ships <sup>1</sup> .....	159	157	158
B-52.....	13	12	11	Carrier air groups (attack and ASW).....	27	27	27
B-58.....	2	2	2	Marine Corps divisions/aircraft wings.....	4/3	4/3	4/3
<b>Continental air and missile defense forces:</b>				Air Forces tactical forces squadrons.....	130	136	135
Manned fighter interceptor squadrons.....	33	30	26	<b>Airlift and sealift forces:</b>			
Interceptor missile squadrons (BOMARC).....	6	6	6	Airlift aircraft (squadrons):			
Army air defense missile battalions.....	18	18	18	C-130 through C-141.....	42	44	45
				C-124.....	16	12	8
				Troopships, cargo ships, and tankers.....	121	124	124

<sup>1</sup> In commission.Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

## No. 370. ARMED FORCES PERSONNEL—SUMMARY OF MAJOR CONFLICTS

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See also *Historical Statistics, Colonial Times to 1957*, series Y 715-762]

ITEM AND BRANCH OF SERVICE	Civil War <sup>1</sup>	Spanish American War	World War I	World War II	Korean conflict
Personnel serving.....	2, 213, 363	306, 760	4, 743, 826	<sup>2</sup> 16, 353, 659	<sup>3</sup> 5, 764, 143
Army.....	2, 128, 948	<sup>4</sup> 280, 564	4, 057, 101	11, 260, 000	2, 834, 000
Navy.....		22, 875	599, 051	4, 183, 466	1, 177, 000
Marines.....	} 84, 415	{ 3, 321	78, 839	669, 100	424, 000
Air Force <sup>5</sup> .....	(X)	(X)	( <sup>6</sup> )	( <sup>6</sup> )	1, 285, 000
Coast Guard <sup>7</sup> .....	(X)	(X)	8, 835	241, 093	44, 143
Average duration of service.....months.....	20	8	12	33	19
Officers.....months.....	(NA)	8	14	39	24
Enlisted.....months.....	(NA)	8	12	33	18
Overseas service:					
Personnel serving.....percent.....	(NA)	<sup>8</sup> 29	53	73	<sup>9</sup> 56
Army.....percent.....	(X)	29	52	75	66
Navy.....percent.....	(NA)	(NA)	60	87	<sup>10</sup> 19
Marines.....percent.....	66	56	57	71	39
Air Force <sup>5</sup> .....percent.....	(X)	(X)	( <sup>6</sup> )	( <sup>6</sup> )	39
Average duration <sup>11</sup> .....months.....	(NA)	1. 5	5. 5	16. 2	13. 4
Army.....months.....	(X)	<sup>12</sup> 1. 5	5. 5	16. 0	12. 5
Navy.....months.....	(NA)	(NA)	(NA)	(NA)	(NA)
Marines.....months.....	(NA)	3. 3	5. 7	18. 8	13. 0
Air Force <sup>5</sup> .....months.....	(X)	(X)	( <sup>6</sup> )	( <sup>6</sup> )	17. 0
Casualties: <sup>13</sup>					
Battle deaths.....	140, 414	385	53, 402	291, 557	33, 629
Army.....	138, 154	<sup>12</sup> 369	<sup>14</sup> 50, 510	234, 874	27, 704
Navy.....	2, 112	<sup>15</sup> 10	431	36, 950	458
Marines.....	148	6	<sup>14</sup> 2, 461	19, 733	4, 267
Air Force <sup>5</sup> .....	(X)	(X)	( <sup>6</sup> )	( <sup>6</sup> )	1, 200
Wounds not mortal.....	281, 881	1, 662	204, 002	670, 846	103, 284
Army.....	280, 040	1, 594	<sup>14</sup> 193, 663	565, 861	77, 596
Navy.....	1, 710	47	819	<sup>16</sup> 37, 778	1, 576
Marines.....	131	21	<sup>14</sup> 9, 520	67, 207	23, 744
Air Force <sup>5</sup> .....	(X)	(X)	( <sup>6</sup> )	( <sup>6</sup> )	368
Enlisted personnel:					
Occupation groupings.....percent.....	<sup>17</sup> 100. 00	<sup>15</sup> 100. 00	<sup>12</sup> 100. 00	<sup>20</sup> 100. 0	<sup>21</sup> 100. 0
Technical and scientific.....percent.....	0. 15	0. 52	3. 66	10. 4	12. 7
Administrative and clerical.....percent.....	0. 73	3. 13	7. 99	12. 6	18. 1
Mechanics and repairmen.....percent.....	0. 10	0. 95	8. 49	16. 6	15. 3
Craftsmen.....percent.....	0. 50	0. 14	13. 03	5. 9	4. 7
Service workers.....percent.....	2. 41	6. 49	12. 52	9. 6	12. 4
Operatives and laborers.....percent.....	2. 91	2. 18	20. 20	6. 1	6. 5
Military-type occupations not elsewhere classified.....percent.....	93. 20	86. 59	34. 11	38. 8	30. 3
Draftees:					
Classified.....	776, 800	(X)	24, 234, 000	36, 677, 000	9, 123, 000
Examined.....	522, 000	(X)	3, 764, 000	17, 954, 500	3, 685, 300
Rejected.....	160, 200	(X)	802, 518	6, 419, 700	1, 188, 600
Inducted.....	46, 300	(X)	2, 820, 000	10, 022, 000	1, 560, 000

NA Not available. X Not applicable.

<sup>1</sup> Union forces only. Estimates of the number serving in the Confederate forces range from 600,000 to 1,500,000.

<sup>2</sup> Covers period Dec. 1, 1941, to Dec. 31, 1946. <sup>3</sup> Covers period June 25, 1950, to July 27, 1953.

<sup>4</sup> Covers period Apr. 21 to Aug. 13, 1898. <sup>5</sup> Originally organized in 1907. Established as Air Force under the Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. <sup>6</sup> Included in Army.

<sup>7</sup> Established Jan. 28, 1915. <sup>8</sup> Based on Army and Marines only. <sup>9</sup> Excludes Navy. See footnote 10.

<sup>10</sup> Covers period July 1950 through January 1955. Represents Far East area only. <sup>11</sup> During hostilities only.

<sup>12</sup> Covers war personnel who departed from continuous U.S. through December 1898.

<sup>13</sup> For periods covered, see footnotes 2, 3, 4, and 10.

<sup>14</sup> Includes gassed in action. Army data include casualties in northern Russia to Aug. 25, 1919, and in Siberia to Apr. 1, 1920; Marine data represent casualties in Europe only.

<sup>15</sup> Excludes personnel lost in sinking of the *Maine*, which occurred 2 months before hostilities.

<sup>16</sup> Includes casualties incurred in October 1941, due to hostile action. <sup>17</sup> Covers only Army personnel base of 1,908,800.

<sup>18</sup> Covers only Army personnel base of 246,410.

<sup>19</sup> Covers only Army personnel base of 3,665,000.

<sup>20</sup> Covers all services base of 9,370,986.

<sup>21</sup> Covers all services base of 4,428,939.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Vol. I, 1956; and Dept. of Defense, Office of the Secretary, unpublished data.



[As of June 30. Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty; excludes Coast Guard. Warrant officers and flight officers included under officers; Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates under enlisted personnel. Beginning 1963, excludes personnel paid for by agencies other than Department of Defense. See also *Historical Statistics, Colonial Times to 1957*, series Y 763-775]

Military Personnel

YEAR	Grand total	ARMY <sup>1</sup>			NAVY			MARINE CORPS			AIR FORCE <sup>2</sup>			
		Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	
BOTH SEXES														
1940-----	458,365	269,023	18,326	250,697	160,997	13,604	147,393	28,345	1,800	26,545	(3)	(3)	(3)	
1941-----	1,801,101	1,462,315	99,536	1,362,779	284,427	29,092	255,335	54,359	3,339	51,020	(3)	(3)	(3)	
1942-----	3,858,791	3,075,608	206,422	2,869,186	640,570	69,564	571,006	142,613	7,138	135,475	(3)	(3)	(3)	
1943-----	9,044,745	6,994,472	579,576	6,414,896	1,741,750	179,676	1,562,074	308,523	21,384	287,139	(3)	(3)	(3)	
1944-----	11,451,719	7,994,750	776,980	7,217,770	2,981,365	276,153	2,705,212	475,604	32,788	442,816	(3)	(3)	(3)	
1945-----	12,123,455	8,267,958	891,663	7,376,295	3,380,817	331,379	3,049,438	474,680	37,067	437,613	(3)	(3)	(3)	
1946-----	3,030,088	1,891,011	267,144	1,623,867	983,398	141,161	842,237	155,679	14,208	141,471	(3)	(3)	(3)	
1950-----	1,460,261	593,167	72,566	520,601	381,538	44,641	336,897	74,279	7,254	67,025	411,277	57,006	354,271	
1955-----	2,935,107	1,109,296	121,947	987,349	660,695	74,527	586,168	205,170	18,417	186,753	959,946	137,149	822,797	
1960-----	2,476,435	873,078	101,236	771,842	617,984	69,559	548,425	170,621	16,203	154,418	814,752	129,689	685,063	
1962-----	2,807,819	1,066,404	116,050	950,354	666,428	75,302	591,126	190,962	16,861	174,101	884,025	134,908	749,117	
1963-----	2,697,689	975,155	107,769	867,386	664,207	75,411	588,796	189,683	16,737	172,946	868,644	133,455	735,189	
1964-----	2,685,161	972,445	110,276	862,169	667,163	76,257	590,906	189,751	16,819	172,932	855,802	133,029	722,773	
1965-----	2,653,142	968,313	111,541	856,772	671,009	77,720	593,289	190,187	17,234	172,953	823,633	131,141	692,492	
1966-----	3,091,552	1,199,046	117,205	1,081,841	744,469	79,457	665,012	261,687	20,485	241,202	886,350	130,285	756,065	
1967 estimate-----	3,386,818	1,454,200	142,837	1,311,363	753,394	83,773	669,621	280,624	24,193	256,431	898,600	135,986	762,614	
1968 estimate-----	3,464,302	1,520,000	154,900	1,365,100	762,288	86,014	677,274	294,914	25,211	269,703	887,100	137,828	749,272	
FEMALE														
1941-----	6,104	5,433	5,433	-	671	671	-	(4)	(4)	(4)	(3)	(3)	(3)	
1945-----	265,006	153,716	62,936	90,780	92,853	19,567	73,286	18,437	831	17,606	(3)	(3)	(3)	
1950-----	22,069	10,982	4,431	6,551	5,193	2,447	2,746	580	45	535	5,314	1,532	3,782	
1955-----	35,191	12,938	5,222	7,716	8,643	2,936	5,707	2,248	135	2,113	11,362	3,080	8,282	
1960-----	31,550	12,542	4,263	8,279	8,071	2,711	5,360	1,611	123	1,488	9,326	3,675	5,651	
1965-----	30,610	12,326	3,806	8,520	7,862	2,601	5,261	1,581	140	1,441	8,841	4,100	4,741	
1966-----	32,589	13,322	4,143	9,179	8,196	2,808	5,388	1,852	153	1,679	9,239	4,189	5,050	

- Represents zero.

<sup>1</sup> 1940 to 1946 includes Army Air Force and predecessor agencies. Excludes Army personnel assigned to Air Force Command.

<sup>2</sup> Includes Army personnel assigned to Air Force Command; excludes Air Force personnel assigned to Army Command. See footnote 1.

<sup>3</sup> Included in Army personnel.

<sup>4</sup> Authorized in 1943.

Source: 1940-1962, Dept. of Defense, Office of the Secretary; semiannual reports of the Dept., and departmental unpublished data. Beginning 1963, Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

No. 372. VIET-NAM CONFLICT—U.S. MILITARY FORCES AND CASUALTIES: 1961 TO 1967

[As of December 31, except as indicated]

ITEM	1961 to 1967, total	1961	1962	1963	1964	1965	1966	1967, 1st qtr.
<b>MILITARY FORCES</b>								
<b>Total</b> .....	1,062,200	3,200	11,300	16,300	23,300	184,300	384,400	439,400
Army.....	673,600	2,100	7,900	10,100	14,700	116,800	239,000	283,000
Navy <sup>1</sup> .....	58,900	100	500	800	1,100	8,400	23,000	25,000
Marine Corps.....	184,400	—	500	800	900	38,200	69,000	75,000
Air Force.....	144,200	1,000	2,400	4,600	6,600	20,600	53,000	56,000
Coast Guard.....	1,100	—	—	—	—	300	400	400
<b>CASUALTIES</b>								
<b>Battle deaths</b> <sup>2</sup> .....	8,770	11	31	78	147	1,369	5,008	2,126
Killed.....	7,233	1	19	53	112	1,127	4,175	1,746
Died of wounds.....	837	—	1	5	6	87	521	217
Died while missing.....	694	10	11	20	28	154	309	162
Died while captured.....	6	—	—	—	1	1	3	1
<b>Wounded, nonfatal</b> <sup>2</sup> .....	51,361	3	78	411	1,039	6,114	30,093	13,623

— Represents zero.  
<sup>1</sup> Excludes personnel on ships off Viet-Nam's shores.  
<sup>2</sup> Represents casualties from enemy action. Deaths exclude servicemen who died in accidents or from disease.

No. 373. MILITARY PERSONNEL ON ACTIVE DUTY AND CIVILIAN EMPLOYEES OF MILITARY AGENCIES: 1950 TO 1966

[In thousands. As of December 31. Excludes "indirect hire" civilians, i.e., foreign nationals rendering personal services to the military departments under contract or agreements with foreign governments]

ITEM	1950	1955	1960	1964	1965	1966
<b>Total</b> .....	3,345	4,054	3,526	3,682	3,915	4,564
<b>Military</b> .....	2,357	2,887	2,494	2,663	2,857	3,334
<b>Civilian</b> <sup>1</sup> .....	988	1,167	1,032	1,019	1,057	1,230
Army.....	1,510	1,521	1,257	1,327	1,448	1,861
Military.....	<sup>2</sup> 1,077	<sup>2</sup> 1,084	877	965	1,075	1,406
Civilian.....	434	437	381	362	373	456
Air Force.....	746	1,262	1,117	1,135	1,134	1,224
Military.....	<sup>2</sup> 559	<sup>2</sup> 937	811	843	842	903
Civilian.....	186	326	307	291	292	321
Navy and Marine Corps.....	1,087	1,269	1,150	1,181	1,275	1,403
Military, Navy.....	561	667	630	666	725	746
Military, Marine Corps.....	160	200	176	189	215	280
Civilian.....	366	402	343	327	335	377

<sup>1</sup> Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, and other defense activities, not shown separately.  
<sup>2</sup> Represents "Command Strength."

No. 374. MILITARY PERSONNEL ON ACTIVE DUTY, BY LOCATION: 1960, 1965, AND 1966

[In thousands. As of December 31]

ITEM	1960			1965			1966		
	Total	Shore-based	Naval afloat <sup>1</sup>	Total	Shore-based	Naval afloat <sup>1</sup>	Total	Shore-based	Naval afloat <sup>1</sup>
<b>Total</b> <sup>2</sup> .....	2,494	2,125	369	2,857	2,429	429	3,334	2,894	441
Conterminous U.S.....	1,559	1,498	61	1,679	1,613	66	1,918	1,846	72
Alaska.....	31	31	(Z)	31	31	(Z)	31	31	(Z)
Hawaii.....	43	37	6	47	42	5	38	33	5
Outside U.S. <sup>2</sup> .....	663	560	103	889	743	146	1,131	984	147
U.S. territories.....	28	25	3	32	30	2	32	30	2
Foreign countries.....	546	532	13	719	704	14	960	941	19
Enroute or location unknown.....	3	3	(Z)	10	8	1	15	14	1

Z Less than 500.  
<sup>1</sup> Includes mobile activities temporarily based ashore.  
<sup>2</sup> Includes marines afloat and mobile activities not distributed by location.

## No. 375. ENLISTED MILITARY PERSONNEL PROCUREMENT: 1951 TO 1966

[In thousands. For years ending June 30]

BRANCH OF SERVICE	1951	1953	1955	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>2, 101</b>	<b>1, 113</b>	<b>932</b>	<b>591</b>	<b>667</b>	<b>981</b>	<b>666</b>	<b>757</b>	<b>702</b>	<b>1, 162</b>
Inductions.....	587	564	215	90	60	158	74	151	103	340
First enlistments.....	630	343	440	324	360	385	328	345	318	548
Reenlistments.....	274	153	237	152	221	266	218	229	247	223
Reserves to active duty <sup>1</sup> .....	609	54	40	25	26	172	45	32	34	51
<b>Army</b> .....	<b>1, 084</b>	<b>735</b>	<b>452</b>	<b>260</b>	<b>267</b>	<b>499</b>	<b>270</b>	<b>361</b>	<b>294</b>	<b>573</b>
Inductions.....	587	564	215	90	60	158	74	151	102	318
First enlistments.....	153	80	120	102	116	127	112	116	102	170
Reenlistments.....	90	79	105	64	88	104	83	93	89	84
Reserves to active duty.....	254	13	13	4	2	111	1	1	1	2
<b>Navy <sup>2</sup></b> .....	<b>430</b>	<b>138</b>	<b>172</b>	<b>148</b>	<b>163</b>	<b>198</b>	<b>169</b>	<b>169</b>	<b>170</b>	<b>223</b>
First enlistments.....	202	88	121	91	94	107	85	95	94	143
Reenlistments.....	72	20	28	37	47	56	53	45	44	42
Reserves to active duty.....	155	30	23	20	23	35	30	29	32	35
<b>Marine Corps <sup>2</sup></b> .....	<b>154</b>	<b>62</b>	<b>40</b>	<b>50</b>	<b>40</b>	<b>51</b>	<b>42</b>	<b>52</b>	<b>46</b>	<b>113</b>
First enlistments.....	42	41	27	41	30	37	28	39	34	69
Reenlistments.....	16	13	9	9	8	10	12	12	11	11
Reserves to active duty.....	97	9	4	1	1	3	2	1	1	14
<b>Air Force <sup>2</sup></b> .....	<b>433</b>	<b>178</b>	<b>268</b>	<b>133</b>	<b>197</b>	<b>233</b>	<b>185</b>	<b>174</b>	<b>192</b>	<b>253</b>
First enlistments.....	233	134	172	90	119	113	102	95	88	166
Reenlistments.....	96	41	96	43	78	96	71	79	104	87
Reserves to active duty.....	103	2	(Z)	(Z)	(Z)	23	12	(Z)	(Z)	(Z)

<sup>1</sup> Less than 500. <sup>2</sup> Includes National Guard and involuntary calls to active duty.<sup>2</sup> For some years, includes small number of inductions not shown separately. For 1966, Navy includes 3,000 and Marine Corps 20,000 such inductions.Source: Dept. of Defense, Office of the Secretary; annual report, *Selected Manpower Statistics*.

## No. 376. MILITARY PERSONNEL ON ACTIVE DUTY, BY AGE: 1940 TO 1966

[In thousands. Estimated as of July 1. Includes Coast Guard and persons on active duty serving under Reserve Forces Act of 1955]

AGE	1940 <sup>1</sup>	1945 <sup>1</sup>	1950	1955	1959	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>464</b>	<b>12, 355</b>	<b>1, 481</b>	<b>2, 964</b>	<b>2, 553</b>	<b>2, 531</b>	<b>2, 549</b>	<b>2, 860</b>	<b>2, 749</b>	<b>2, 748</b>	<b>2, 698</b>	<b>3, 140</b>
Under 20 years.....	82	1, 664	266	545	407	427	423	453	379	355	374	493
20 to 24 years.....	206	4, 328	545	1, 366	992	935	924	1, 121	1, 127	1, 177	1, 138	1, 372
25 to 29 years.....	80	3, 293	273	455	428	415	419	446	455	434	407	430
30 to 34 years.....	44	1, 791	217	268	272	282	310	344	329	323	313	331
35 to 39 years.....	29	993	103	200	243	236	225	228	217	229	244	270
40 to 44 years.....	13	173	46	82	142	157	163	171	151	137	126	136
45 and over.....	9	112	31	49	69	80	85	97	91	93	97	108

<sup>1</sup> Based on fragmentary data.

Source: Dept. of Commerce, Bureau of the Census; unpublished data. Based on Dept. of Defense data.

## No. 377. COAST GUARD PERSONNEL ON ACTIVE DUTY: 1940 TO 1966

[As of June 30]

YEAR	Total	Officers <sup>1</sup>	Cadets	Enlisted	YEAR	Total	Officers <sup>1</sup>	Cadets	Enlisted
1940.....	13, 756	1, 351	144	12, 261	1958.....	30, 128	3, 799	417	25, 912
1941.....	19, 029	1, 380	199	17, 450	1959.....	30, 448	3, 871	464	26, 113
1942.....	58, 998	3, 507	205	55, 286	1960.....	30, 616	4, 020	405	26, 191
1943.....	154, 975	8, 338	206	146, 431	1961.....	31, 563	4, 078	385	27, 100
1944.....	169, 259	11, 980	234	157, 045	1962.....	31, 721	4, 149	372	27, 200
1945.....	171, 192	12, 683	219	158, 290	1963.....	32, 016	4, 217	414	27, 385
1946.....	26, 406	3, 240	183	22, 983	1964.....	32, 261	4, 367	385	27, 509
1950.....	23, 190	2, 906	296	19, 988	1965.....	31, 776	4, 476	440	26, 860
1955.....	28, 607	3, 520	533	24, 554	1966.....	35, 310	4, 779	770	29, 761

<sup>1</sup> Includes warrant officers.Source: 1942-1945, Navy Dept.; unpublished data. All other years, Treasury Dept., U.S. Coast Guard; *Annual Report of the Secretary of the Treasury*.



No. 378. MILITARY RESERVE PERSONNEL NOT ON ACTIVE DUTY: 1950 TO 1966  
[In thousands. As of June 30. Excludes reserve personnel on extended active duty]

BRANCH OF SERVICE	1950		1955		1960		1965		1966	
	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training	Total	Paid <sup>1</sup> drill training
Total.....	2,631	839	2,985	826	4,147	997	2,576	932	2,769	969
Army.....	966	513	2,027	521	2,625	703	1,515	641	1,648	672
Army National Guard.....	<sup>2</sup> 353	326	<sup>2</sup> 378	358	<sup>2</sup> 408	402	<sup>2</sup> 386	379	<sup>2</sup> 426	421
Officers.....	32	31	40	35	39	37	36	34	35	34
Enlisted.....	321	296	338	324	368	365	350	345	391	387
Army Reserve.....	614	187	1,649	163	2,217	301	1,129	262	1,222	251
Officers.....	302	69	191	65	254	50	243	40	247	34
Enlisted.....	311	118	1,457	98	1,963	251	885	221	975	217
Navy.....	1,244	223	652	192	931	165	602	169	629	172
Naval Reserve.....	<sup>3</sup> 1,115	183	466	149	672	120	468	123	480	124
Officers.....	297	26	213	24	174	26	175	23	176	21
Enlisted.....	<sup>4</sup> 818	157	<sup>4</sup> 253	125	<sup>4</sup> 498	94	<sup>4</sup> 292	100	<sup>4</sup> 304	102
Marine Corps Reserve.....	<sup>3</sup> 129	40	186	43	258	45	134	46	149	49
Officers.....	26	3	25	4	24	4	20	3	21	3
Enlisted.....	103	36	161	39	235	41	114	43	128	46
Air Force.....	420	104	307	113	592	129	460	123	491	125
Air National Guard.....	45	45	61	61	71	71	76	76	80	80
Officers.....	7	7	7	7	9	9	10	10	10	10
Enlisted.....	38	38	55	55	62	62	66	66	70	70
Air Force Reserve.....	375	58	246	52	521	58	384	46	412	45
Officers.....	257	28	152	32	141	22	156	11	158	10
Enlisted.....	118	31	94	19	381	37	228	36	253	35

<sup>1</sup> Prior to 1960, comprises reserves in drill pay status; thereafter, also includes reserves undergoing active duty basic training.    <sup>2</sup> Includes inactive National Guard.  
<sup>3</sup> Strength not wholly comparable with later data due to change in definition of Reserve components as contained in the Reserve Forces Act of 1952.  
<sup>4</sup> Includes Regular NROTC and Merchant Marine midshipmen.

Source: Dept. of Defense, Office of the Secretary; *Annual Report of the Secretary of Defense*.

No. 379. NATIONAL GUARD—SUMMARY: 1950 TO 1966  
[Money figures in thousands of dollars. As of June 30. Includes Puerto Rico]

ITEM	1950	1955	1960	1965	1966
ARMY NATIONAL GUARD					
Units.....	4,863	5,205	4,386	3,999	3,995
Armories and facilities.....	2,893	3,419	3,829	3,906	3,923
All personnel <sup>1</sup> .....	324,761	357,542	401,765	378,985	420,924
Federal funds obligated <sup>2</sup> .....	205,367	239,183	399,859	463,929	549,710
Value of equipment.....	1,264,000	(NA)	1,500,000	1,477,689	1,497,000
AIR FORCE NATIONAL GUARD					
Units.....	516	572	546	728	850
Bases and facilities.....	101	152	138	136	140
All personnel <sup>1</sup> .....	44,728	61,306	70,820	76,410	79,883
Federal funds obligated <sup>2</sup> .....	(NA)	164,436	233,440	320,900	333,240

NA Not available.  
<sup>1</sup> Officers and enlisted men; excludes National Guardsmen on active duty except those undergoing basic training.  
<sup>2</sup> Includes personnel, operations, maintenance, and military construction.

Source: Dept. of Defense, National Guard Bureau; *Annual Report of the Chief, National Guard Bureau*, and unpublished data.

## No. 380. NATIONAL GUARD—SELECTED DATA, STATES AND PUERTO RICO: 1966

[As of June 30]

STATE OR OTHER AREA	ARMY				AIR FORCE				Esti- mated value of State- owned property <sup>3</sup> (\$1,000)
	Units	Officers and en- listed per- sonnel <sup>1</sup>	Federal funds obligated (\$1,000)		Units	Officers and en- listed per- sonnel <sup>1</sup>	Federal funds obligated (\$1,000)		
			Total <sup>2</sup>	For per- sonnel			Total <sup>2</sup>	For per- sonnel	
Total .....	3, 995	420, 924	549, 710	301, 254	850	79, 883	333, 240	77, 898	1, 126, 378
Alabama .....	154	16, 772	16, 629	9, 621	21	2, 163	3, 830	640	31, 000
Alaska .....	22	2, 149	3, 126	1, 456	2	262	1, 436	96	3, 226
Arizona .....	23	2, 881	3, 529	2, 067	15	1, 538	3, 990	644	14, 318
Arkansas .....	87	7, 998	8, 003	4, 598	18	1, 579	3, 173	481	(NA)
California .....	229	23, 802	29, 961	14, 526	45	4, 598	9, 862	865	43, 281
Colorado .....	35	2, 853	3, 481	1, 875	12	1, 149	3, 946	103	4, 618
Connecticut .....	56	6, 323	8, 129	3, 448	8	937	2, 371	274	21, 000
Delaware .....	32	3, 131	3, 683	1, 816	9	811	1, 873	359	2, 838
Dist. of Columbia .....	22	1, 686	2, 058	1, 000	12	1, 093	2, 856	251	4, 000
Florida .....	82	8, 214	10, 062	5, 977	7	771	1, 833	50	18, 288
Georgia .....	97	8, 224	8, 855	3, 785	24	2, 722	5, 239	1, 060	10, 839
Hawaii .....	27	3, 956	9, 180	2, 660	11	1, 245	4, 709	453	4, 525
Idaho .....	38	3, 358	4, 677	2, 239	7	787	2, 150	287	11, 000
Illinois .....	108	11, 337	14, 530	7, 149	26	2, 237	4, 865	677	28, 500
Indiana .....	91	11, 486	14, 156	7, 576	19	1, 328	3, 192	331	32, 000
Iowa .....	71	8, 233	8, 370	4, 909	16	1, 891	4, 307	376	13, 960
Kansas .....	69	8, 187	9, 151	4, 931	16	1, 431	3, 044	336	9, 000
Kentucky .....	55	5, 481	6, 132	3, 135	10	696	2, 077	356	15, 000
Louisiana .....	75	7, 985	8, 033	4, 093	10	915	2, 233	196	65, 000
Maine .....	33	2, 720	3, 494	1, 623	10	1, 053	1, 862	107	7, 750
Maryland .....	64	6, 827	9, 931	4, 487	16	1, 125	2, 471	373	18, 000
Massachusetts .....	128	15, 039	15, 633	8, 981	23	1, 971	4, 026	492	53, 500
Michigan .....	100	10, 157	15, 260	7, 384	25	2, 052	4, 607	730	50, 586
Minnesota .....	90	10, 647	12, 603	6, 549	18	1, 745	3, 895	435	49, 000
Mississippi .....	120	11, 363	14, 001	7, 699	20	1, 645	3, 987	678	6, 434
Missouri .....	80	9, 156	11, 544	5, 584	24	2, 323	5, 272	873	18, 500
Montana .....	33	2, 494	3, 321	1, 718	7	755	2, 401	295	11, 762
Nebraska .....	34	4, 597	6, 033	3, 004	9	835	1, 654	163	31, 799
Nevada .....	10	861	1, 245	482	8	583	1, 556	158	1, 912
New Hampshire .....	27	2, 255	2, 680	1, 451	9	783	1, 544	272	8, 952
New Jersey .....	131	14, 444	17, 191	8, 956	25	2, 345	5, 643	624	34, 162
New Mexico .....	43	3, 309	4, 847	2, 371	8	826	2, 123	354	6, 102
New York .....	249	25, 335	27, 753	14, 623	48	4, 646	9, 530	1, 420	186, 806
North Carolina .....	92	11, 366	11, 119	7, 133	12	1, 027	1, 801	334	8, 500
North Dakota .....	26	2, 922	3, 364	1, 747	7	829	2, 332	317	17, 500
Ohio .....	150	15, 859	19, 123	9, 916	42	3, 616	8, 976	1, 052	70, 000
Oklahoma .....	89	8, 989	11, 106	6, 881	22	1, 906	3, 934	737	11, 000
Oregon .....	65	6, 749	7, 095	3, 730	10	1, 102	2, 462	345	14, 860
Pennsylvania .....	154	19, 063	24, 579	12, 748	41	3, 701	7, 090	1, 279	20, 414
Rhode Island .....	36	3, 326	4, 504	2, 252	9	830	1, 548	268	5, 100
South Carolina .....	99	10, 961	10, 644	6, 337	9	844	2, 113	254	14, 000
South Dakota .....	43	3, 953	4, 653	2, 531	7	805	2, 062	242	2, 511
Tennessee .....	95	11, 750	11, 865	7, 706	31	3, 012	6, 115	918	15, 676
Texas .....	189	18, 051	21, 679	10, 626	28	2, 716	6, 531	963	27, 709
Utah .....	47	4, 771	5, 642	3, 261	9	961	2, 366	386	6, 146
Vermont .....	32	3, 143	3, 139	1, 600	7	785	2, 435	330	9, 000
Virginia .....	82	7, 872	11, 242	5, 052	9	601	1, 445	170	23, 859
Washington .....	69	6, 774	9, 187	3, 994	16	1, 491	3, 550	535	15, 951
West Virginia .....	33	3, 552	3, 943	2, 061	17	1, 310	2, 861	444	14, 542
Wisconsin .....	96	9, 917	10, 457	5, 860	17	1, 755	4, 429	290	19, 000
Wyoming .....	23	1, 517	2, 147	993	9	746	1, 480	257	4, 701
Undistributed .....	(X)	(X)	49, 755	<sup>4</sup> 40, 283	(X)	(X)	149, 744	53, 678	(X)
Puerto Rico .....	60	7, 130	7, 182	4, 771	10	1, 006	2, 410	294	8, 251

NA Not available. X Not applicable.

<sup>1</sup> Excludes National Guardsmen on active duty, except those undergoing basic training.<sup>2</sup> Includes personnel, operations, maintenance, and military construction.<sup>3</sup> Armories, training camps, hangars, maintenance shops, warehouses, etc.<sup>4</sup> Funds for training recruits from all States, for statutory active duty tours for selected officers, and for personnel on special exercises and short-term boards.Source: Dept. of Defense, National Guard Bureau; *Annual Report of the Chief, National Guard Bureau*, and unpublished data.

## No. 381. MILITARY PAY RATES: 1952 TO 1968

[As of June 30. Based on weighted averages, annual rates. See also *Historical Statistics, Colonial Times to 1957*, series Y 757-762]

YEAR	CURRENT DOLLARS			CONSTANT DOLLARS (1957-59 BASE) <sup>1</sup>		
	All personnel	Officers	Enlisted personnel	All personnel	Officers	Enlisted personnel
<b>Basic pay :</b>						
1952 .....	\$1,776	\$4,453	\$1,473	\$1,920	\$4,814	\$1,592
1955 .....	2,067	5,004	1,672	2,215	5,363	1,792
1960 .....	2,512	5,972	2,013	2,436	5,792	1,952
1965 .....	2,917	7,130	2,301	2,676	6,541	1,921
1967 estimate .....	3,142	7,813	2,564	2,746	6,830	2,241
1968 estimate .....	3,211	7,627	2,636	2,744	6,519	2,253
<b>Basic pay plus allowances: <sup>2</sup></b>						
1952 .....	2,940	6,234	2,584	3,178	6,739	2,794
1955 .....	3,222	6,787	2,742	3,453	7,274	2,939
1960 .....	3,743	8,734	3,034	3,630	8,471	2,943
1965 .....	4,358	9,763	3,567	3,998	8,956	3,272
1967 estimate .....	4,685	10,508	3,967	4,095	9,185	3,468
1968 estimate .....	4,837	10,276	4,131	4,134	8,783	3,531

<sup>1</sup> Computed: Current dollars divided by consumer price index on 1957-59 base.

<sup>2</sup> Data not strictly comparable from year to year due to changes in coverage of allowances.

Source: 1952 and 1955, The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Vol. I, 1956. 1960, Dept. of Defense, Office of the Secretary (based on the President's 1960 budget estimate). 1964-1968, Executive Office of the President, Bureau of the Budget; unpublished data.

## No. 382. CLASSIFICATION STATUS OF SELECTIVE SERVICE REGISTRANTS, 18½ TO 26 YEARS OLD: 1965 AND 1966

[Number in thousands. As of December 31. Includes Puerto Rico and outlying areas]

CLASSIFICATION STATUS	1965		1966	
	Number	Percent	Number	Percent
<b>Total <sup>1</sup></b> .....	<b>17,967</b>	<b>100.0</b>	<b>18,971</b>	<b>100.0</b>
Available for military service (I-A and I-A-O) .....	1,485	8.3	1,165	6.1
Single, or married after Aug. 26, 1965 .....	645	3.6	610	3.2
Examined and qualified .....	62	0.3	119	0.6
Not examined .....	47	0.3	81	0.4
Induction or examination postponed .....	10	0.1	8	(Z)
Ordered for induction or examination .....	(2)	(2)	212	1.1
Pending reclassification .....	(2)	(2)	139	0.8
Personal appearances and appeals in process .....	(2)	(2)	38	0.2
Delinquents .....	(2)	(2)	13	0.1
Married on or before Aug. 26, 1965 .....	351	2.0	78	0.4
Examined and qualified .....	71	0.4	46	0.2
Not examined .....	133	0.7	10	0.1
Other .....	(2)	(2)	22	0.1
26 years and older, with liability extended .....	80	0.4	53	0.3
Under 19 years .....	409	2.3	424	2.2
Conscientious objectors available for the civilian economy (I-O) .....	11	0.1	9	0.1
Fulfilling military obligation .....	3,166	17.5	3,733	19.7
Inducted, enlisted, or commissioned (I-C) <sup>2</sup> .....	2,032	11.2	2,612	13.8
Reserve, National Guard, R.O.T.C., etc. (I-D) .....	1,131	6.3	1,115	5.9
Conscientious objectors working in civilian economy (I-W) .....	3	(Z)	6	(Z)
Completed military obligation (IV-A, I-W) .....	2,399	13.4	2,521	13.3
Deferred .....	5,829	32.4	6,090	32.1
Student (I-S, II-S) .....	2,212	12.3	2,084	11.0
Fatherhood or hardship (III-A) .....	3,376	18.8	3,716	19.6
Other (II-A, II-C, IV-B) .....	241	1.3	290	1.5
Exempted .....	104	0.6	116	0.6
Aliens (IV-C) .....	11	0.1	14	0.1
Ministers of religion and divinity students (IV-D) .....	93	0.5	102	0.5
Disqualified for military service .....	4,640	25.8	4,987	26.3
Not qualified for any military service (IV-F) .....	2,474	13.7	2,500	13.2
Qualified only in war or national emergency (I-Y) .....	2,166	12.1	2,487	13.1
Unclassified .....	334	1.9	350	1.8

Z Less than 0.05 percent. <sup>1</sup> Excludes registrants classed in group V-A.

<sup>2</sup> Comparable data not available because of classification changes. <sup>3</sup> Includes discharges and reserves.

Source: Selective Service System, National Headquarters; research and statistics releases.



**No. 383. MILITARY SERVICE STATUS OF MEN, 26 TO 34 YEARS OLD, BY COLOR: 1964**  
 [In thousands, except percent. As of October]

MILITARY SERVICE STATUS	TOTAL		WHITE		NONWHITE		Nonwhite as percent of total
	Number	Percent	Number	Percent	Number	Percent	
<b>Total</b> .....	<b>9,891</b>	<b>100.0</b>	<b>8,750</b>	<b>100.0</b>	<b>1,141</b>	<b>100.0</b>	<b>11.5</b>
Entered military service.....	6,332	64.0	5,770	65.9	561	49.2	8.9
Inducted.....	2,171	21.9	1,890	21.6	281	24.6	12.9
Regular enlistment.....	2,881	29.1	2,626	30.0	255	22.4	8.9
Officer programs.....	337	3.4	333	3.8	4	0.4	1.3
Reserve programs.....	908	9.2	888	10.2	20	1.7	2.2
Unknown.....	34	0.3	33	0.4	1	0.1	3.8
Never entered service (estimate).....	3,560	36.0	2,980	34.1	580	50.8	16.3
Unfit for service <sup>1</sup> .....	2,353	23.8	1,869	21.4	484	42.4	20.6
Other deferred or exempt classes <sup>2</sup> .....	1,208	12.2	1,112	12.7	96	8.4	7.9

<sup>1</sup> Estimated overall rejection rates by race were adapted from studies of the Dept. of the Army, Office of the Surgeon General.

<sup>2</sup> Derived as residual; also includes small number in Class I-A.

Source: The National Advisory Commission on Selective Service; *In Pursuit of Equity: Who Serves When Not All Serve?*, February 1967. (Data from Bureau of the Census and Dept. of Defense.)

**No. 384. STATUS OF SELECTIVE SERVICE DRAFTEES EXAMINED FOR MILITARY SERVICE, 1950 TO 1966, AND BY RACE, 1966**

[Number in thousands. Includes Puerto Rico, Canal Zone, Guam, Mariana Islands, and Virgin Islands. Based on results of preinduction examinations]

STATUS	1950 TO 1966 <sup>1</sup>		1965		1966					
	Num- ber	Per- cent	Num- ber	Per- cent	Number			Percent		
					Total	White	Negro	Total	White	Negro
<b>Examined</b> .....	<b>11,019</b>	<b>100.0</b>	<b>1,229</b>	<b>100.0</b>	<b>1,609</b>	<b>1,436</b>	<b>173</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Found acceptable.....	6,663	60.5	688	56.0	1,004	931	73	62.4	64.8	42.5
Disqualified.....	4,356	39.5	541	44.0	605	506	99	37.6	35.2	57.5
Medically disqualified only.....	2,131	19.3	268	21.8	386	365	21	24.0	25.3	12.5
Failed mental requirements only.....	1,795	16.3	228	18.6	176	108	68	10.9	7.6	39.2
Failed mental test only <sup>2</sup> .....	1,398	12.7	131	10.7	111	64	47	6.9	4.5	27.1
Trainability limited <sup>3</sup> .....	397	3.6	97	7.9	65	44	21	4.0	3.1	12.1
Failed mental test and medically disqualified.....	291	2.6	29	2.3	23	16	7	1.5	1.1	4.2
Administratively disqualified.....	139	1.3	16	1.3	20	17	3	1.2	1.2	1.6

<sup>1</sup> 1950 data are for July through December only.

<sup>2</sup> Examinees who failed minimum requirements on Armed Forces Qualification Test (AFQT) or its equivalent (ECFA) administered to Spanish-speaking examinees in Puerto Rico.

<sup>3</sup> Examinees classified as mental group IV on basis of AFQT but who failed to meet additional aptitude requirements effective in August 1958 and called Army Classification Battery (ACB) tests until mid-September 1961 and Army Qualification Battery (AQB) since then. Also includes examinees in Puerto Rico tested with ECFA who failed the English Reading Test (ERT). The AQB requirements were raised in May 1963 and lowered in November 1965; April 1966; October 1966; and December 1966.

Source: Dept. of the Army, Office of the Surgeon General; *Results of the Examination of Youths for Military Service, 1966, Supplement to Health of the Army*.

**No. 385. SELECTIVE SERVICE DRAFTEES FOUND ACCEPTABLE FOR MILITARY SERVICE—PERCENT DISTRIBUTION, BY MENTAL GROUP: 1959 TO 1966**

[Includes Puerto Rico, Canal Zone, Guam, Mariana Islands, and Virgin Islands]

MENTAL GROUP AND PERCENTILE SCORE	1959	1960	1961	1962	1963	1964	1965	1966
Group I (93-100).....	16.5	14.3	10.3	10.2	9.9	8.0	7.5	9.2
Group II (85-92).....	28.4	31.9	32.2	32.1	34.1	34.4	34.9	36.9
Group III (31-64).....	34.7	34.5	34.5	33.8	38.0	42.5	43.2	38.9
Group IV (10-30) <sup>1</sup> .....	20.1	19.0	22.5	23.2	16.6	13.8	13.2	13.9
Administrative acceptees <sup>2</sup> .....	0.3	0.3	0.5	0.7	1.4	1.3	1.2	1.1

<sup>1</sup> See footnotes 2 and 3, table 384.

<sup>2</sup> Refers to draftees who failed the mental test or additional aptitude tests, but who were administratively declared acceptable on the basis of their education and findings of a personal interview.

Source: Dept. of the Army, Office of the Surgeon General; unpublished data.

# No. 386. STATUS OF SELECTIVE SERVICE DRAFTEES EXAMINED FOR MILITARY SERVICE—STATES AND OTHER AREAS: 1966

[Based on results of preinduction examinations]

STATE OR OTHER AREA	NUMBER (1,000)			PERCENT DISTRIBUTION							
	Ex- amined	Found accept- able	Dis- quali- fied	Found accept- able	Total	Disqualified, by cause					
						Medi- cally dis- quali- fied only	Failed mental re- quirements only <sup>1</sup>			Failed mental test and medically disquali- fied	Admin- istra- tively disquali- fied
							Total	Failed mental test only	Train- ability limited		
<b>Total.....</b>	<b>1,609.4</b>	<b>1,004.2</b>	<b>605.2</b>	<b>62.4</b>	<b>37.6</b>	<b>24.0</b>	<b>10.9</b>	<b>6.9</b>	<b>4.0</b>	<b>1.5</b>	<b>1.2</b>
<b>U.S.....</b>	<b>1,590.6</b>	<b>997.4</b>	<b>593.2</b>	<b>62.7</b>	<b>37.3</b>	<b>24.2</b>	<b>10.5</b>	<b>6.5</b>	<b>4.0</b>	<b>1.4</b>	<b>1.2</b>
Ala.....	23.2	11.3	11.9	48.6	51.4	27.5	19.9	12.8	7.1	4.0	-
Alaska.....	1.1	0.6	0.5	58.9	41.1	29.2	6.1	1.7	4.4	4.5	1.3
Ariz.....	15.1	8.6	6.5	57.3	42.7	31.7	9.0	4.7	4.3	1.5	0.5
Ark.....	14.7	8.5	6.2	58.1	41.9	24.7	14.0	9.9	4.1	3.0	0.2
Calif.....	151.7	93.9	57.8	61.9	38.1	28.8	6.3	3.8	2.5	0.8	2.2
Colo.....	12.1	8.1	4.0	67.3	32.7	23.4	7.1	2.9	4.2	1.0	1.2
Conn.....	20.7	12.5	8.2	60.3	39.7	25.5	10.7	6.7	4.0	2.9	0.6
Del.....	4.5	2.9	1.6	63.8	36.2	19.6	13.8	8.1	5.7	2.5	0.3
D.C.....	8.9	5.0	3.9	56.2	43.8	22.2	15.4	8.4	7.0	2.1	4.1
Fla.....	35.2	19.7	15.5	56.0	44.0	26.0	15.8	10.5	5.3	1.1	1.1
Ga.....	47.2	26.3	20.9	55.8	44.2	16.1	24.9	20.0	4.9	2.5	0.7
Hawaii.....	4.2	2.7	1.5	65.2	34.8	19.7	9.3	4.1	5.2	1.1	4.7
Idaho.....	3.8	2.2	1.6	58.9	41.1	34.7	5.2	2.3	2.9	0.9	0.3
Ill.....	71.8	48.0	23.8	66.8	33.2	20.0	10.9	6.4	4.5	0.8	1.5
Ind.....	47.0	32.0	15.0	68.1	31.9	23.0	7.4	3.7	3.7	0.7	0.8
Iowa.....	23.7	17.1	6.6	72.1	27.9	23.4	3.1	1.2	1.9	0.5	0.9
Kans.....	13.6	9.4	4.2	68.9	31.1	25.3	4.5	2.2	2.3	1.0	0.3
Ky.....	35.1	19.9	15.2	56.8	43.2	24.1	15.2	10.4	4.8	3.4	0.5
La.....	23.5	11.7	11.8	49.9	50.1	24.3	21.8	14.9	6.9	3.6	0.4
Maine.....	6.8	3.9	2.9	57.1	42.9	32.0	7.5	6.1	1.4	2.2	1.2
Md.....	32.1	19.2	12.9	59.9	40.1	25.0	10.5	5.9	4.6	1.8	2.8
Mass.....	38.7	20.1	18.6	52.1	47.9	38.2	5.6	3.4	2.2	1.8	2.3
Mich.....	74.2	49.2	25.0	66.3	33.7	26.9	5.7	3.2	2.5	0.4	0.7
Minn.....	26.4	18.7	7.7	70.6	29.4	23.1	3.8	1.4	2.4	0.3	2.2
Miss.....	18.1	9.0	9.1	49.8	50.2	18.2	28.9	20.5	8.4	2.8	0.3
Mo.....	38.6	27.2	11.4	70.4	29.6	20.5	7.7	4.4	3.3	1.1	0.3
Mont.....	3.6	2.6	1.0	72.1	27.9	24.2	3.1	1.7	1.4	0.2	0.4
Nebr.....	11.7	8.1	3.6	69.6	30.4	25.3	3.9	1.3	2.6	0.3	0.9
Nev.....	3.3	2.0	1.3	60.9	39.1	27.6	7.1	4.0	3.1	1.4	3.0
N.H.....	4.7	2.8	1.9	59.7	40.3	28.8	3.3	1.2	2.1	2.0	6.2
N.J.....	45.5	29.2	16.3	64.1	35.9	21.5	12.0	8.8	3.2	0.6	1.8
N. Mex.....	8.7	5.7	3.0	66.0	34.0	24.2	8.1	3.8	4.3	1.1	0.6
N.Y.....	141.2	83.7	57.5	59.3	40.7	25.1	12.4	8.4	4.0	1.3	1.9
N.C.....	43.4	24.5	18.9	56.4	43.6	19.0	21.2	14.8	6.4	2.9	0.5
N. Dak.....	4.8	3.6	1.2	74.2	25.8	18.9	4.6	1.7	2.9	0.9	1.4
Ohio.....	89.1	62.1	27.0	69.7	30.3	21.8	6.6	2.9	3.7	1.1	0.8
Okla.....	19.1	15.2	3.9	79.7	20.3	13.9	5.8	2.7	3.1	0.6	-
Oreg.....	18.5	12.8	5.7	69.1	30.9	26.0	3.2	1.5	1.7	0.6	1.1
Pa.....	98.4	64.4	34.0	65.4	34.6	24.8	7.5	3.7	3.8	1.4	0.9
R.I.....	8.8	5.7	3.1	65.3	34.7	27.9	5.2	3.6	1.6	1.5	0.1
S.C.....	24.9	12.6	12.3	50.5	49.5	15.2	31.1	22.0	9.1	2.9	0.3
S. Dak.....	3.8	2.5	1.3	67.0	33.0	24.6	4.9	2.2	2.7	0.7	2.8
Tenn.....	45.1	26.0	19.1	57.8	42.2	23.5	16.0	9.3	6.7	2.3	0.4
Tex.....	73.9	46.8	27.1	63.3	36.7	24.6	9.6	5.1	4.5	1.1	1.4
Utah.....	12.2	8.2	4.0	67.3	32.7	28.3	3.4	0.9	2.5	0.4	0.6
Vt.....	2.5	1.5	1.0	60.4	39.6	31.4	3.6	1.7	1.9	1.8	2.8
Va.....	50.3	33.0	17.3	65.5	34.5	17.2	13.7	8.4	5.3	2.5	1.1
Wash.....	30.2	21.4	8.8	71.0	29.0	25.0	2.8	1.3	1.5	0.2	1.0
W. Va.....	17.9	9.9	8.0	55.2	44.8	28.9	12.5	7.3	5.2	3.2	0.2
Wis.....	34.1	23.2	10.9	68.0	32.0	25.6	3.9	1.9	2.0	0.4	2.1
Wyo.....	2.9	2.0	0.9	69.4	30.6	25.3	3.9	1.7	2.2	0.7	0.7
<b>Other areas:</b>											
Caribbean <sup>2</sup> .....	18.1	6.4	11.7	35.1	64.9	10.2	49.6	40.0	9.6	4.8	0.3
Pacific <sup>3</sup> .....	0.7	0.4	0.3	58.0	42.0	9.9	30.0	14.4	15.6	2.1	-

- Represents zero.

<sup>1</sup> See footnote 2, table 384.<sup>2</sup> Comprises Puerto Rico, Virgin Islands, and Panama Canal Zone.<sup>3</sup> Comprises Guam and the Mariana Islands.

Source: Department of the Army, Office of the Surgeon General, unpublished data.

## No. 387. ESTIMATED NUMBER OF VETERANS, BY PERIOD OF SERVICE: 1945 TO 1966

[In thousands. As of June 30. See also *Historical Statistics, Colonial Times to 1957*, series Y 776-786]

PERIOD OF SERVICE	1945	1950	1955	1960	1963	1964	1965	1966
All veterans <sup>1</sup> .....	6,455	19,023	21,802	23,830	24,649	24,985	25,257	25,575
War veterans <sup>1</sup> .....	6,455	19,023	21,798	22,431	22,032	21,866	21,673	21,503
Korean conflict <sup>2</sup> .....	(X)	(X)	3,999	5,482	5,663	5,708	5,718	5,770
And service in World War II.....	(X)	(X)	828	962	1,096	1,134	1,150	1,202
No service in World War II.....	(X)	(X)	3,171	4,520	4,567	4,574	4,568	4,568
World War II <sup>3</sup> .....	2,469	15,386	15,405	15,202	15,100	15,048	14,969	14,916
World War I.....	3,821	3,518	3,150	2,673	2,343	2,226	2,121	2,007
Spanish-American War <sup>4</sup> .....	164	118	72	36	22	18	15	12
Indian Wars.....	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Post-Korean conflict veterans <sup>5</sup> .....	(X)	(X)	4	1,399	2,617	3,119	3,584	4,072

X Not applicable. Z Less than 500.

<sup>1</sup> Veterans with service in both World War II and the Korean conflict are counted once.<sup>2</sup> June 27, 1950, to Jan. 31, 1955.<sup>3</sup> Sept. 16, 1940, to July 25, 1947.<sup>4</sup> Includes war with Spain, Philippine Insurrection, and Boxer Rebellion.<sup>5</sup> Service only after Jan. 31, 1955. Excludes men who served on active duty for training purposes only.Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

## No. 388. ESTIMATED NUMBER OF VETERANS—STATES AND OTHER AREAS: 1966

[In thousands. As of June 30]

STATE OR OTHER AREA	Veterans	STATE OR OTHER AREA	Veterans	STATE OR OTHER AREA	Veterans
Total.....	<sup>1</sup> 25,575	Kansas.....	284	Ohio.....	1,422
United States.....	25,407	Kentucky.....	362	Oklahoma.....	317
Alabama.....	374	Louisiana.....	393	Oregon.....	283
Alaska.....	26	Maine.....	132	Pennsylvania.....	1,675
Arizona.....	207	Maryland.....	475	Rhode Island.....	126
Arkansas.....	200	Massachusetts.....	784	South Carolina.....	247
California.....	2,691	Michigan.....	1,090	South Dakota.....	82
Colorado.....	265	Minnesota.....	481	Tennessee.....	447
Connecticut.....	403	Mississippi.....	208	Texas.....	1,272
Delaware.....	67	Missouri.....	600	Utah.....	123
Dist. of Columbia.....	113	Montana.....	94	Vermont.....	51
Florida.....	828	Nebraska.....	176	Virginia.....	509
Georgia.....	444	Nevada.....	58	Washington.....	432
Hawaii.....	61	New Hampshire.....	95	West Virginia.....	244
Idaho.....	90	New Jersey.....	979	Wisconsin.....	540
Illinois.....	1,472	New Mexico.....	128	Wyoming.....	50
Indiana.....	651	New York.....	2,428	Other areas <sup>2</sup> .....	127
Iowa.....	357	North Carolina.....	502	Foreign.....	41
		North Dakota.....	69		

<sup>1</sup> Includes post-Korean conflict as well as war veterans. <sup>2</sup> Puerto Rico and outlying areas.Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.



No. 389. VETERANS, BY ESTIMATED AGE AND PERIOD OF SERVICE: 1966

[In thousands. As of June 30. See *Historical Statistics, Colonial Times to 1957*, series Y 787-800, for all veterans]

AGE IN 1966	All veterans	KOREAN CONFLICT		World War II	World War I	Spanish-American War	Post-Korean conflict <sup>1</sup>
		Total	No service in World War II				
All ages .....	25,575	<sup>2</sup> 5,770	4,568	<sup>2</sup> 14,916	2,007	12	4,072
Under 20 years .....	34	—	—	—	—	—	34
20 to 24 years .....	1,131	—	—	—	—	—	1,131
25 to 29 years .....	2,092	89	89	—	—	—	2,003
30 to 34 years .....	2,800	1,966	1,966	—	—	—	834
35 to 39 years .....	3,758	2,577	2,336	1,361	—	—	61
40 to 44 years .....	4,978	584	148	4,822	—	—	8
45 to 49 years .....	4,451	314	20	4,430	—	—	1
50 to 59 years .....	3,613	204	9	3,604	—	—	—
60 to 69 years .....	1,122	34	(Z)	667	455	—	—
70 years and over .....	1,596	2	—	32	1,552	12	—
Average age <sup>3</sup> .....	43.5	36.9	34.9	46.9	71.9	87.8	26.8

— Represents zero. Z Less than 500.  
<sup>1</sup> Service in the Armed Forces only after Jan. 31, 1955. Excludes men who served for training purposes only.  
<sup>2</sup> Includes 1,202,000 veterans who had served both in World War II and the Korean conflict.  
<sup>3</sup> Computed from 1-year age groups.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

No. 390. VETERANS BENEFITS—EXPENDITURES FROM APPROPRIATED FUNDS, BY WAR: TOTAL AND 1950 TO 1966

[In millions of dollars. For years ending June 30. Refers to expenditures of Veterans Administration and predecessor agencies. See also *Historical Statistics, Colonial Times to 1957*, series Y 801-811]

YEAR	Total, all wars <sup>1</sup>	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict	Regular Establishment
Total .....	<sup>2</sup> 140,398	186	8,566	5,191	37,962	73,284	12,068	3,006
To 1949 .....	<sup>2</sup> 49,085	172	8,507	2,997	13,181	23,598	(X)	495
1950 .....	6,628	2	7	168	794	5,593	(X)	63
1951 .....	5,357	2	7	165	852	4,254	4	73
1952 .....	4,944	1	5	160	904	3,746	54	73
1953 .....	4,354	1	5	163	1,020	2,869	216	80
1954 .....	4,283	1	4	165	1,068	2,416	549	80
1955 .....	4,483	1	4	153	1,189	2,137	914	86
1956 .....	4,802	1	3	146	1,285	2,136	1,141	91
1957 .....	4,885	1	3	137	1,350	2,059	1,232	103
1958 .....	5,206	1	2	130	1,446	2,270	1,235	123
1959 .....	5,344	1	3	130	1,565	2,354	1,152	139
1960 .....	5,389	1	3	124	1,694	2,398	1,008	162
1961 .....	5,568	1	3	113	1,870	2,448	956	176
1962 .....	5,636	(Z)	3	104	1,907	2,661	767	194
1963 .....	5,866	(Z)	2	97	1,947	2,856	747	216
1964 .....	6,008	(Z)	2	90	1,947	3,058	664	247
1965 .....	6,150	(Z)	2	79	1,963	3,108	721	277
1966 .....	6,410	(Z)	1	70	1,980	3,323	708	328

X Not applicable. Z Less than \$500,000.  
<sup>1</sup> Includes undistributed and other expenditures.  
<sup>2</sup> Includes \$70,045,000 for the Revolutionary War and \$48,747,000 for the War of 1812.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

## No. 391. VETERANS BENEFITS—EXPENDITURES: TOTAL AND 1956 TO 1966

[In millions of dollars. For years ending June 30. Refers to expenditures of Veterans Administration and predecessor agencies. See also *Historical Statistics, Colonial Times to 1957*, series Y 812-825]

YEAR	EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS AND TRUST, DEPOSIT, AND WORKING FUNDS						
	Total expenditures <sup>1</sup>	Compensation and pensions	Insurance and service-men's indemnities <sup>2</sup>	Readjustment benefits			
				Educational and training <sup>3</sup>	Vocational rehabilitation <sup>4</sup>	Loan guaranty	Direct loans
<b>Total</b> .....	<sup>5</sup> 158,787	75,401	20,989	19,215	2,485	2,776	2,749
To 1955.....	88,400	36,937	11,859	15,426	2,275	551	484
1956.....	<sup>5</sup> 5,402	2,749	686	767	38	40	103
1957.....	<sup>5</sup> 5,554	2,829	697	776	31	60	130
1958.....	<sup>5</sup> 5,948	3,062	761	699	26	80	229
1959.....	<sup>5</sup> 6,129	3,226	796	574	22	121	204
1960.....	<sup>5</sup> 6,215	3,315	832	383	18	122	313
1961.....	<sup>5</sup> 6,636	3,568	1,069	237	12	160	286
1962.....	<sup>5</sup> 6,529	3,653	882	143	10	235	253
1963.....	<sup>5</sup> 6,817	3,815	929	88	9	310	246
1964.....	<sup>5</sup> 6,866	3,900	828	59	12	355	237
1965.....	<sup>5</sup> 6,967	4,042	783	37	14	364	172
1966.....	<sup>5</sup> 7,325	4,305	868	31	17	378	92

YEAR	EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS AND TRUST, DEPOSIT, AND WORKING FUNDS—Continued				EXPENDITURES FROM GENERAL AND SPECIAL FUND APPROPRIATIONS	
	Miscellaneous benefit payments <sup>6</sup>	Medical, hospital, and domiciliary services <sup>7</sup>	Hospital and domiciliary facilities <sup>8</sup>	Administration and other benefits <sup>9</sup>	Total	Transfers to insurance trust funds
<b>Total</b> .....	9,852	18,246	1,630	5,444	140,398	4,922
To 1955.....	8,827	7,500	1,033	3,507	79,133	4,732
1956.....	56	760	27	177	4,802	79
1957.....	59	768	36	169	4,885	20
1958.....	63	824	33	171	5,206	16
1959.....	81	881	45	179	5,344	12
1960.....	89	913	57	175	5,389	11
1961.....	96	978	51	179	5,568	10
1962.....	103	1,022	53	175	5,637	8
1963.....	105	1,072	66	177	5,866	8
1964.....	113	1,120	68	174	6,008	8
1965.....	119	1,181	77	178	6,150	9
1966.....	142	1,229	83	179	6,411	8

<sup>1</sup> Excludes transfers from appropriations to insurance trust funds from which the actual payments are made. Expenditures from VA Revolving Supply Fund also excluded to avoid duplication.

<sup>2</sup> Includes direct payments to beneficiaries from insurance appropriations, servicemen's indemnities, and benefits and dividends paid from insurance trust funds. Some noncash transactions, e.g., interest credited to dividends left on deposit also included.

<sup>3</sup> Includes education and training allowances under Public Laws 346 and 550, and educational assistance for sons and daughters of deceased or totally disabled veterans under Public Laws 634, 86-785 and 88-361.

<sup>4</sup> Includes subsistence allowances, tuition, supplies, and equipment of veterans training under Public Laws 16 and 894, and vocational rehabilitation allowances for World War I veterans.

<sup>5</sup> Total differs from supporting detail by the net of overpayments collected and written off as uncollectable under the readjustment benefits appropriation.

<sup>6</sup> Includes unemployment and self employment allowances; statutory burial allowances; automobiles and other conveyances for disabled veterans; homes for paraplegics; payments to participants in yellow fever experiments; military and naval family allowances of World War I veterans; marine and seamen's insurance in World War I; adjusted compensation (World War I bonus); withdrawals of the personal funds of patients held by VA as banker and funds due incompetent beneficiaries; soldiers' and sailors' civil relief; vocational rehabilitation revolving fund, and other miscellaneous expenditures.

<sup>7</sup> Estimated; includes expenditures for hospital and domiciliary care, outpatient medical and dental treatment, medical research, and grants to Republic of Philippines for medical care and treatment of veterans.

<sup>8</sup> Comprises construction and related costs which include expenditures from funds allotted under NRA of 1933, PWA Act of 1938, grants to Republic of Philippines for construction and equipping of a hospital, and amounts transferred to Dept. of Army, Corps of Engineers, for construction of hospitals.

<sup>9</sup> Includes expenses for vocational counseling, travel for certain programs, reporting allowances paid schools for certifying attendance of veteran trainees, private laws for relief, and all administrative salaries and expenses.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

## No. 392. VETERANS BENEFITS—SELECTED FEDERAL EXPENDITURES, STATES AND OTHER AREAS: 1966

[In thousands of dollars. Figures are estimates for year ending June 30]

STATE OR OTHER AREA	Total expenditures <sup>1</sup>	Compensation and pensions	Insurance and indemnities	Vocational rehabilitation <sup>2</sup>	READJUSTMENT BENEFITS		Hospital and domiciliary facilities (construction and related costs)	Administration and other benefits
					Education and training <sup>3</sup>	Direct loans <sup>4</sup>		
<b>Total</b> .....	<b>6,721,929</b>	<b>4,305,368</b>	<b>788,379</b>	<b>17,426</b>	<b>31,112</b>	<b>66,878</b>	<b>83,417</b>	<b>1,429,349</b>
<b>United States</b> .....	<b>6,601,478</b>	<b>4,210,320</b>	<b>781,308</b>	<b>17,127</b>	<b>30,231</b>	<b>66,878</b>	<b>79,408</b>	<b>1,416,206</b>
Alabama	130,043	84,931	13,299	633	653	796	668	29,063
Alaska	3,361	2,043	525	-	8	63	-	722
Arizona	62,633	41,510	5,624	310	479	747	29	13,934
Arkansas	99,714	65,733	7,996	391	486	2,867	18	22,223
California	576,370	360,826	68,477	1,698	3,213	140	10,490	131,526
Colorado	73,181	46,954	7,840	517	540	757	46	16,527
Connecticut	76,586	48,811	11,711	87	249	-	306	15,422
Delaware	14,282	8,160	1,829	28	54	63	42	4,106
Dist. of Columbia	106,222	22,670	4,102	348	240	-	8,658	70,204
Florida	243,507	172,385	24,409	776	1,308	705	13,172	30,752
Georgia	142,206	93,589	15,215	478	965	1,503	1,433	29,023
Hawaii	11,423	7,926	1,718	117	72	-	-	1,590
Idaho	27,426	16,034	3,091	62	134	4,710	-	3,395
Illinois	306,848	174,611	44,570	480	858	1,544	5,367	79,418
Indiana	136,250	91,841	18,306	243	643	1,873	461	22,883
Iowa	94,954	60,266	11,939	153	493	1,037	29	21,037
Kansas	86,212	51,082	8,470	114	459	2,320	17	23,750
Kentucky	117,554	84,394	14,687	255	507	710	41	16,960
Louisiana	116,408	81,726	10,722	339	675	1,467	809	20,670
Maine	41,859	27,090	4,562	62	156	1,399	143	8,447
Maryland	97,223	62,184	12,790	192	397	98	887	20,675
Massachusetts	226,787	152,383	22,926	331	1,026	-	397	49,724
Michigan	229,929	151,376	33,918	508	887	2,179	144	40,917
Minnesota	143,451	87,006	15,743	306	657	6,224	718	32,797
Mississippi	88,686	60,674	7,793	252	472	1,558	200	17,737
Missouri	155,878	109,725	14,181	227	776	2,691	43	28,235
Montana	25,884	15,866	3,292	42	118	2,238	2	4,326
Nebraska	48,912	30,124	5,000	115	324	778	98	12,473
Nevada	11,861	7,761	1,242	9	35	9	14	2,791
New Hampshire	23,088	16,655	3,126	66	170	-	29	3,042
New Jersey	186,124	126,170	29,996	262	359	-	8	29,329
New Mexico	39,221	26,058	4,165	177	267	101	14	8,439
New York	565,680	349,681	74,050	1,120	1,651	611	5,225	133,342
North Carolina	159,913	102,954	19,944	261	960	760	5,183	29,851
North Dakota	19,955	11,292	2,867	58	83	1,509	72	4,074
Ohio	310,590	204,860	39,973	502	1,094	3,720	767	59,674
Oklahoma	103,412	75,051	10,886	404	691	848	1,442	14,090
Oregon	74,169	48,427	8,089	153	343	1,100	34	16,023
Pennsylvania	406,440	260,567	56,383	1,145	1,437	1,336	1,158	84,414
Rhode Island	34,137	23,566	3,712	30	145	-	-	6,684
South Carolina	76,121	52,068	8,711	141	424	1,771	2,997	10,009
South Dakota	34,290	16,221	3,562	58	127	1,760	1,330	11,232
Tennessee	156,582	92,625	15,664	277	740	1,062	8,967	37,247
Texas	365,428	243,900	40,719	1,829	2,303	1,378	4,302	70,997
Utah	31,995	17,037	3,777	92	309	2,558	179	8,013
Vermont	15,846	10,174	1,778	32	103	443	-	3,316
Virginia	142,408	89,783	17,287	453	587	1,130	204	32,964
Washington	112,197	71,417	12,346	564	611	864	723	25,672
West Virginia	93,341	58,016	10,826	199	312	5,603	99	18,286
Wisconsin	139,420	87,189	15,967	200	561	1,491	2,373	31,639
Wyoming	15,471	6,928	1,503	31	70	327	70	6,542
Puerto Rico	48,855	33,162	1,459	272	309	-	4,009	9,644
Outlying areas	1,124	969	155	-	-	-	-	-
Foreign countries	70,472	60,917	5,457	27	572	-	-	3,499

- Represents zero.

<sup>1</sup> Excludes \$603,394,931 shown in table 391 for expenditures not distributed by State, including \$79,619,142 for servicemen's group life insurance.<sup>2</sup> Includes subsistence allowances, tuition, and supplies and equipment of veterans training under Public Laws 16 and 894.<sup>3</sup> Educational assistance for sons and daughters of deceased or totally disabled veterans.<sup>4</sup> Excludes interest paid to U.S. Treasury and miscellaneous expenses; therefore, total differs from that shown in table 391 which includes these items.Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.



### No. 393. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT RATE, BY PERIOD OF SERVICE: 1950 TO 1966

[As of June 30 or for years ending June 30. Number includes dependents of deceased veterans receiving benefits as well as living veterans receiving pensions, retirement pay, and disability benefits. See also *Historical Statistics, Colonial Times to 1957*, series Y 826-827]

DESCRIPTION	VETERANS ON ROLLS					AVERAGE PAYMENT RATE (annual basis) <sup>1</sup>				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
<b>All wars</b> .....	3,026,361	3,477,089	3,959,737	4,511,366	4,540,080	\$669	\$764	\$836	\$909	\$944
<b>Living</b> .....	2,368,238	2,668,786	3,008,935	3,216,920	3,200,871	646	742	825	925	977
<b>Deceased</b> <sup>2</sup> .....	658,123	808,303	950,802	1,294,446	1,339,209	750	837	870	869	863
<b>Mexican War:</b>										
Deceased.....	24	9	3	-	-	536	476	568	-	-
<b>Indian Wars</b> .....	2,329	1,422	728	348	300	682	731	794	785	792
Living.....	530	188	44	8	6	1,136	1,414	1,395	1,479	1,768
Deceased.....	1,799	1,234	684	340	294	548	627	755	768	773
<b>Civil War</b> .....	11,147	6,021	3,882	1,869	1,558	539	624	779	795	799
Living.....	15	1	-	-	-	1,392	1,620	-	-	-
Deceased.....	11,132	6,020	3,882	1,869	1,558	538	623	779	795	799
<b>Spanish-American War</b> .....	171,608	142,008	111,751	76,142	68,950	868	921	943	912	903
Living.....	91,984	60,125	33,373	14,079	11,391	1,106	1,272	1,291	1,431	1,454
Deceased.....	79,624	81,883	78,378	62,063	57,559	593	664	795	794	794
<b>Regular Establishment</b> .....	71,235	81,945	135,529	208,610	226,143	673	746	888	991	1,070
Living.....	53,765	63,209	103,480	160,913	174,584	631	693	708	783	874
Deceased.....	17,470	18,736	32,049	47,697	51,559	802	924	1,467	1,692	1,733
<b>World War I</b> .....	805,035	1,077,778	1,490,569	1,672,607	1,628,302	719	833	885	937	934
Living.....	520,925	715,967	1,025,730	1,104,226	1,047,139	777	912	976	1,058	1,068
Deceased.....	284,110	361,811	464,839	568,381	581,163	613	676	684	703	692
<b>World War II</b> .....	1,964,983	1,978,398	1,964,381	2,242,601	2,294,760	631	705	778	867	921
Living.....	1,701,019	1,673,939	1,633,451	1,697,536	1,721,960	581	645	723	842	917
Deceased.....	263,964	304,459	330,930	545,065	572,800	953	1,030	1,047	943	930
<b>Korean conflict</b> <sup>3</sup> .....	(X)	189,508	252,894	309,189	320,067	(X)	886	920	1,008	1,078
Living.....	(X)	155,357	212,857	240,158	245,791	(X)	812	857	966	1,059
Deceased.....	(X)	34,151	40,037	69,031	74,276	(X)	1,226	1,255	1,157	1,142

- Represents zero. X Not applicable.

<sup>1</sup> Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls.

<sup>2</sup> Deceased veterans whose dependents were receiving compensation or pension benefits.

<sup>3</sup> Veterans with service during period June 27, 1950-Jan. 31, 1955.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

### No. 394. VETERANS RECEIVING COMPENSATION FOR SERVICE-CONNECTED DISABILITIES: 1955, 1960, AND 1966

[As of June 30]

PERIOD OF SERVICE	1955			1960			1966		
	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled
<b>Total</b> .....	2,076,026	123,517	1,952,509	2,026,821	110,429	1,916,392	1,993,162	110,444	1,882,718
Korean conflict.....	153,831	17,685	136,146	206,388	14,636	191,752	229,115	15,123	213,992
World War II.....	1,619,498	69,558	1,549,940	1,543,920	61,280	1,482,640	1,476,894	63,059	1,413,835
World War I.....	239,416	28,211	211,205	173,084	23,059	150,025	112,629	15,317	97,312
Spanish-American War.....	400	225	175	196	111	85	84	44	40
Regular Establishment.....	62,881	7,838	55,043	103,233	11,343	91,890	174,440	16,901	157,539

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*.

# No. 395. U.S. GOVERNMENT LIFE INSURANCE AND NATIONAL SERVICE LIFE INSURANCE POLICIES IN FORCE, BY PLAN: 1966

[Money figures in millions of dollars. As of June 30. Veterans Administration operates two insurance programs: (a) U.S. Government life insurance for veterans of World War I; and (b) national service life insurance for veterans of World War II and later. These two programs are separate in all particulars. See also *Historical Statistics, Colonial Times to 1957*, series Y 851-852]

PLAN	U.S. GOVERNMENT LIFE INSURANCE		NATIONAL SERVICE LIFE INSURANCE									
			Fund <sup>1</sup>		Appropriation <sup>2</sup>		Service-disabled veterans fund <sup>3</sup>		Veterans insurance			
			Num-ber	Amt.	Num-ber	Amt.	Num-ber	Amt.	Special life <sup>4</sup>		Reopened <sup>5</sup>	
	Num-ber	Amt.	Num-ber	Amt.	Num-ber	Amt.	Num-ber	Amt.	Num-ber	Amt.	Num-ber	Amt.
All plans.....	241,073	1,052	4,792,674	31,358	6,101	33	63,412	550	636,891	5,596	139,735	986
5-year term.....	3,682	24	2,487,440	19,140	2,702	17	33,578	311	472,516	4,312	(X)	(X)
Life:												
Modified <sup>6</sup> .....	(X)	(X)	94,718	752	63	(Z)	324	3	523	5	33,358	255
Ordinary.....	85,018	434	544,432	3,443	1,187	6	10,562	87	56,178	472	40,180	290
20-payment.....	121,054	441	945,597	4,293	1,125	5	8,010	62	32,766	229	33,707	217
30-payment.....	18,373	96	407,208	2,245	441	2	6,286	52	39,026	315	5,390	37
Endowment:												
20-year.....	1,507	7	115,495	447	270	1	1,249	7	7,689	46	11,877	80
30-year.....	1,441	7	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
At age 60.....	(X)	(X)	88,269	490	159	1	1,212	9	11,105	84	7,711	54
At age 62.....	810	5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
At age 65.....	(X)	(X)	62,097	381	107	1	1,055	9	11,370	92	7,512	52
At age 96.....	4,182	26	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Extended.....	1,761	4	43,627	159	41	(Z)	1,111	9	5,686	41	-	-
Paid-up.....	3,245	9	3,791	8	6	(Z)	25	(Z)	32	(Z)	-	-

- Represents zero. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Administered as a trust fund for benefit of policyholders and their beneficiaries. All premiums collected on insurance issued and all interest earned thereon are paid into the fund; disbursements are made from it for death claims, dividends, and other benefits. The Government bears the cost of administration of this fund in addition to expenses for certain types of losses.

<sup>2</sup> Nonparticipating insurance for disabled veterans for whom good health provisions are waived because of disabilities resulting from active service between Oct. 8, 1940, and Sept. 2, 1945.

<sup>3</sup> For veterans discharged on or after Apr. 25, 1951, with service-connected disability which would be compensable if 10 percent or more in degree, but who are otherwise insurable.

<sup>4</sup> Veterans entitled to indemnity protection under Servicemen's Indemnity Act of 1951 and separated from active service without a service-connected disability between Apr. 5, 1951 and Jan. 1, 1957, were granted nonparticipating NSLI on 5-year renewable nonconvertible term plan without medical examination. Effective Jan. 1, 1959, this insurance made convertible to any one of 6 permanent plans (ordinary life, 20-payment life, 30-payment life, 20-year endowment, endowment at age 60, and endowment at age 65) or exchangeable for 5-year limited convertible term, which is not renewable after age 50.

<sup>5</sup> In 1964, Congress enacted legislation which provided for a limited reopening of National Service Life Insurance for a period of 1 year beginning May 1, 1965 to veterans who qualify as stipulated in the law. Program is nonparticipating and self-supporting.

<sup>6</sup> Modified life, a new form of NSLI, became available May 1, 1965.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

# No. 396. VETERANS LIFE INSURANCE: 1941 TO 1966

[In millions]

YEAR	INSURANCE IN FORCE		BENEFIT PAYMENTS				Supplementary contract payments <sup>2</sup>
	Number of policies	Amount	Total	Death payments <sup>1</sup>	Dividends	Other benefits	
1941.....	1	\$5,034	\$83	\$39	\$8	\$36	\$15
1945.....	13	98,426	1,262	1,227	8	27	240
1950.....	7	45,286	879	204	625	50	325
1955.....	6	42,728	366	114	196	56	319
1958.....	6	43,234	437	140	238	59	306
1959.....	6	42,617	469	149	257	63	317
1960.....	6	42,030	491	162	262	67	307
1961.....	6	40,348	748	168	511	69	322
1962.....	6	39,812	597	173	327	97	302
1963.....	6	39,618	510	193	231	86	304
1964.....	6	39,264	500	202	224	74	277
1965.....	6	39,369	522	219	222	81	238
1966.....	6	39,634	573	240	207	126	232

<sup>1</sup> Represents the face amounts of death claims incurred during the year, including amounts left to be paid under supplementary contracts.

<sup>2</sup> Represents the total payments from accumulated insurance policy proceeds left to be paid in monthly installments, and withdrawals of dividend accumulations.

Source: Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*. Data from Veterans Administration.



### No. 397. VETERANS ADMINISTRATION PATIENTS RESIDENT IN VA AND OTHER HOSPITALS: 1955 TO 1965

[As of October 31, except as noted. Based on sample of VA patient load in VA and other hospitals]

PATIENTS' COMPENSATION AND PENSION STATUS <sup>1</sup>	1955 <sup>2</sup>	1960	1963	1964 <sup>3</sup>	1965 <sup>4</sup>
<b>All patients</b> .....	114, 876	114, 360	112, 715	112, 345	109, 338
Treated for SC disabilities (group 1).....	41, 928	36, 545	32, 965	32, 130	31, 131
Treated for NSC disabilities only but with compensable SC disabilities (group 2).....	9, 708	10, 456	11, 415	11, 605	11, 303
Treated for chronic NSC disabilities <sup>5</sup> (group 3).....	37, 792	39, 310	39, 175	38, 935	37, 028
Treated for presumed nonchronic NSC disabilities, <sup>6</sup> and—					
In receipt of, or filed for, VA pension (group 4).....	11, 492	13, 740	15, 020	15, 065	15, 628
Filed claim for VA compensation (group 5).....	1, 156	596	275	175	243
Filed no claim for VA compensation or pension (group 6).....	12, 264	13, 336	13, 425	14, 130	13, 848
Nonveterans (group 7).....	536	324	440	305	160

<sup>1</sup> Groups are mutually exclusive. Patients with characteristics of more than one group are included only in group with lowest group number. Abbreviations SC and NSC refer to "service-connected" and "nonservice-connected," respectively. <sup>2</sup> As of Nov. 30. <sup>3</sup> As of Oct. 28. <sup>4</sup> As of Oct. 27.

<sup>5</sup> Includes veterans hospitalized for "nonservice-connected" psychoses or tuberculosis, and those hospitalized for the treatment of other "nonservice-connected" disabilities for 90 days or more.

<sup>6</sup> Includes veterans hospitalized for less than 90 days for "nonservice-connected" other psychiatric, neurological, and general medical and surgical disabilities.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

### No. 398. PATIENTS RECEIVING HEALTH CARE AUTHORIZED BY VETERANS ADMINISTRATION, AND OPERATING EXPENSES OF VA HOSPITALS: 1945 TO 1966

[For years ending June 30. See *Historical Statistics, Colonial Times to 1957*, series Y 38-850, for related data]

ITEM	1945	1950	1955	1960	1963	1964	1965	1966
<b>Patients admitted to hospitals</b> <sup>1</sup> .....	243, 994	577, 715	498, 187	539, 243	610, 887	634, 308	627, 993	641, 469
Tuberculosis.....	14, 050	18, 700	24, 562	19, 877	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Neuropsychiatric.....	45, 654	48, 200	54, 235	64, 927	<sup>2</sup> 56, 336	<sup>2</sup> 61, 152	<sup>2</sup> 63, 506	<sup>2</sup> 71, 288
General.....	184, 290	510, 815	419, 390	454, 439	<sup>2</sup> 554, 551	<sup>2</sup> 573, 156	<sup>2</sup> 564, 487	<sup>2</sup> 570, 181
<b>Patients receiving hospital care (average daily number)</b> <sup>1</sup> .....	68, 260	108, 038	110, 733	114, 356	112, 593	112, 881	111, 782	109, 882
Tuberculosis.....	6, 748	14, 777	15, 551	9, 342	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Neuropsychiatric.....	42, 270	55, 325	59, 473	62, 967	<sup>2</sup> 57, 061	<sup>2</sup> 57, 494	<sup>2</sup> 56, 801	<sup>2</sup> 55, 545
General.....	19, 242	37, 936	35, 709	42, 047	<sup>2</sup> 55, 532	<sup>2</sup> 55, 387	<sup>2</sup> 54, 981	<sup>2</sup> 54, 337
<b>Veterans receiving domiciliary care (average daily number):</b>								
Veterans Administration.....	9, 002	16, 870	16, 972	16, 856	16, 113	15, 330	14, 575	13, 091
State.....	4, 159	7, 437	8, 802	9, 418	9, 161	9, 346	9, 146	8, 228
Reimbursement per patient by Federal Government <sup>3</sup> .....	\$300	\$500	\$667	\$700	\$913	\$913	\$913	\$913
<b>Veterans receiving nursing home bed care (average daily number):</b>								
Veterans Administration.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	150	1, 245
State.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	156	972
Community facilities.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	1, 637
Reimbursement per patient by Federal Government:								
State nursing bed care <sup>3</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	\$1, 278	\$1, 278
Community nursing bed care <sup>3</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	\$3, 833	\$3, 833
<b>Visits by veterans for outpatient medical care</b> .....	(NA)	(NA)	3, 640	3, 611	<sup>4</sup> 5, 901	6, 179	5, 987	6, 182
<b>Operating expenses of VA hospitals</b> <sup>5</sup> .....	\$80, 324	\$412, 780	\$577, 921	\$763, 008	\$873, 348	\$904, 509	\$946, 399	\$976, 066
<b>Per diem cost in VA hospitals</b> <sup>6</sup> .....	\$3. 42	\$10. 90	\$14. 53	\$18. 44	\$21. 56	\$22. 43	\$23. 75	\$24. 90

NA Not available. <sup>1</sup> Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals; includes nonveterans.

<sup>2</sup> Data for tuberculosis and neurological patients included in "General." Prior to 1963, data for neurological patients included in "Neuropsychiatric." <sup>3</sup> Maximum annual allowance.

<sup>4</sup> Includes 1,600,000 visits for outpatient categories previously not reported.

<sup>5</sup> Excludes costs for VA nursing bed care and domiciliary care.

<sup>6</sup> Excludes hospitals operated for only part of year under unusual conditions.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.



## NO. 399. VETERANS VOCATIONAL TRAINING AND EDUCATION: 1950 TO 1966

[As of November 30. Includes data for beneficiaries of disabled and deceased veterans]

STATUS	1950	1955	1960	1963	1964	1965	1966
<b>Vocational rehabilitation: <sup>1</sup></b>							
Entered training (cumulative).....	567,388	645,247	680,647	693,238	700,435	706,263	712,142
In training.....	110,906	25,458	6,364	5,905	7,639	6,850	6,716
Institutions of higher education.....	28,652	9,994	2,402	1,931	2,750	2,989	3,078
Schools below college level.....	18,866	8,066	2,561	3,446	4,273	3,345	3,098
Institutional on-farm.....	37,976	2,693	321	131	140	99	94
On-the-job.....	25,412	4,705	1,080	397	476	417	446
<b>Education and training: <sup>2</sup></b>							
Entered training (cumulative).....	7,249,524	9,085,996	10,149,369	10,185,068	10,189,073	10,190,691	(X)
In training.....	1,759,021	784,428	251,710	38,488	18,257	(X)	(X)
Institutions of higher education.....	580,597	450,880	171,720	28,569	13,532	(X)	(X)
Schools below college level.....	731,831	235,439	70,078	9,504	4,518	(X)	(X)
Institutional on-farm.....	292,335	36,690	5,790	221	121	(X)	(X)
On-the-job.....	154,258	61,419	4,122	194	86	(X)	(X)
<b>Educational assistance: <sup>3</sup></b>							
Entered training (cumulative).....	(X)	(X)	26,855	63,312	72,639	86,057	101,739
In training.....	(X)	(X)	14,336	23,884	23,257	24,775	23,417
Institutions of higher education.....	(X)	(X)	11,724	21,704	21,579	22,872	21,675
Schools below college level.....	(X)	(X)	2,612	2,180	1,678	1,903	1,742

X Not applicable. <sup>1</sup> Beginning 1963, includes peacetime service.<sup>2</sup> Statutory termination date Jan. 31, 1965.<sup>3</sup> Program initiated in June 1956.Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

## NO. 400. VETERANS GUARANTEED AND INSURED LOANS—NUMBER AND AMOUNT OF LOANS CLOSED, BY TYPE OF LOAN: TOTAL AND 1951 TO 1966

[Money figures in thousands of dollars]

YEAR	TOTAL			HOME		FARM		BUSINESS	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Number	Amount of loans	Number	Amount of loans
<b>Total.....</b>	<b>6,925,631</b>	<b>65,802,655</b>	<b>34,332,403</b>	<b>6,614,984</b>	<b>64,841,195</b>	<b>71,693</b>	<b>285,518</b>	<b>238,954</b>	<b>675,942</b>
To 1950.....	2,303,975	12,759,732	6,281,187	2,120,463	12,150,993	58,507	223,554	125,005	385,185
1951.....	493,494	3,713,228	2,145,144	447,373	3,614,479	3,630	16,020	42,491	82,729
1952.....	339,049	2,790,666	1,602,699	306,466	2,717,919	1,945	7,892	30,638	64,855
1953.....	335,977	3,100,827	1,788,973	322,053	3,060,917	1,451	6,264	12,473	33,646
1954.....	419,327	4,284,078	2,447,102	410,746	4,256,296	1,424	6,465	7,157	21,317
1955.....	657,276	7,185,710	4,031,376	649,412	7,154,236	1,866	9,805	5,998	21,669
1956.....	512,722	5,888,409	3,247,117	507,500	5,866,004	1,312	6,618	3,910	15,787
1957.....	310,414	3,774,808	2,030,828	306,437	3,757,970	821	3,715	3,156	13,123
1958.....	148,154	1,874,123	979,769	145,874	1,863,919	253	1,595	2,027	8,609
1959.....	215,122	2,796,550	1,455,689	213,283	2,788,113	194	1,241	1,645	7,196
1960.....	146,318	1,989,853	1,003,505	144,885	1,983,651	95	512	1,338	5,690
1961.....	135,689	1,840,863	929,036	134,515	1,835,056	57	387	1,117	5,420
1962.....	189,212	2,655,205	1,305,684	188,360	2,650,586	54	429	798	4,190
1963.....	211,193	3,044,594	1,472,338	210,671	3,041,702	11	112	511	2,780
1964.....	186,564	2,852,991	1,315,064	186,204	2,850,766	20	261	340	1,964
1965.....	163,660	2,651,984	1,165,168	163,409	2,650,442	26	352	225	1,190
1966.....	157,485	2,599,033	1,131,724	157,333	2,598,146	27	295	125	592

Source: Veterans Administration; *Loan Guaranty Highlights*.

## Section 10

### Social Insurance and Welfare Services

This section presents data related to governmental programs for old-age, survivors, disability, and health insurance (OASDHI); public and railroad employee retirement; unemployment and temporary disability insurance; aid to the needy; and maternal, child, and other welfare services. Also included here are selected data on private pension plans and financial data on corporate pension funds, the American Red Cross, United Fund campaigns, and philanthropic trusts and foundations.

There are several principal sources for these data. *Social Security Bulletin* and *Welfare in Review*, monthly publications of the Department of Health, Education, and Welfare, present current data on many of the programs and summarize annual data in statistical supplements published each year. Current data on employment security activities are published monthly in the Department of Labor's *Unemployment Insurance Review*, *Employment Service Review*, and their statistical supplements. Data on retirement and other benefits for railroad workers are published by the Railroad Retirement Board in its *Monthly Review* and *Annual Report*.

**Social insurance under the Social Security Act.**—Social insurance programs established by the Social Security Act provide protection against wage loss resulting from old age, prolonged disability, death, or unemployment and, since July 1966, protection against the cost of medical care in old age.

The old-age, survivors, disability, and health insurance (OASDHI) program provides monthly cash benefits to retired or disabled insured workers and their dependents and to the survivors of an insured worker. Within the specifications of the law, retirement benefits are payable to an aged insured worker; to his aged spouse or his spouse at any age caring for his child who is under age 18 or totally disabled; and to his child who is under age 18, totally disabled, or a full-time student, age 18 to 21. An aged worker becomes eligible for full benefits at age 65, although he may elect reduced benefits up to 3 years earlier; his spouse is under the same limitations. Special benefits are also provided the aged 72 and over who do not meet the insured status requirements. Under certain conditions, survivor benefits are payable to some dependents of an insured worker, including his aged widow or his widow at any age caring for his child who is under age 18 or totally disabled; his child who is under age 18, totally disabled, or a full-time student, age 18 to 21; and aged parents. Disability benefits are payable to an insured worker under age 65 with a prolonged disability that meets the definition in the Act and to his dependents on the same basis as dependents of retired workers. A lump sum benefit is also payable on the death of an insured worker.

Beginning July 1966, medical insurance has been provided under two coordinated plans for nearly all people age 65 and over: A hospital insurance plan which covers hospital and related services and a voluntary supplementary medical insurance plan which covers physicians' services and related medical services.

Retirement, survivors, disability and hospital insurance benefits are paid for by the contributions of workers, employers, and the self-employed on earnings up to \$6,600. Currently workers and their employers each pay 3.9 percent, and the self-employed pay 5.9 percent of covered wages for retirement, survivors and disability insurance. The special benefits for noninsured persons age 72 and over are financed from general funds. For hospital insurance, workers, employers, and the self-employed each pay .5 percent (see table 419). The rates are scheduled to increase gradually. For persons 65 and over currently not insured under social security the hospital benefits will be financed out of Federal general revenues. The voluntary medical insurance plan is financed by a \$3 a month premium paid by persons age 65 and over who choose



to enroll in the plan, and by an equal contribution by the Federal Government from general revenues. The money collected is deposited in Federal trust funds.

Both unemployment insurance and the public employment (placement) service are administered through the Bureau of Employment Security of the Department of Labor and each State's employment security agency. Under agreements with the Secretary of Labor, the State agencies also administer unemployment compensation for eligible ex-servicemen and Federal employees, and direct aid in the form of training and related cash allowances to persons being trained under the Manpower Development and Training Act.

State unemployment insurance laws pay benefits to unemployed covered workers meeting the qualifications in the State law. In most States, a waiting period of 1 week must be served before payments begin. Benefits are payable for a maximum number of weeks, ranging from 22 to 39 weeks among the States; maximum weekly benefits without dependents' allowances range from \$30 to \$66. In 10 States and the District of Columbia, maximum allowances ranging from \$11 to \$24 for dependents raise the range of maximum benefits to \$43 to \$80. Massachusetts pays \$6 for each dependent up to an unspecified amount. In Puerto Rico, benefits are payable for a maximum of 12 weeks; the maximum weekly benefit is \$20.

A 3.1-percent Federal tax is levied on the payroll of employers of 4 or more workers in industries covered by the Act and is used to finance the Federal-State program. Employers subject to the Federal law are allowed a credit of 2.7 percent of taxable payrolls for contributions paid to State agencies under State unemployment insurance laws; the Federal Government retains 0.4 percent of the tax out of which the Congress appropriates funds each year to cover employment security administrative costs.

Principal industries excluded from coverage are domestic service, nonprofit organizations, and railroads (see below). A limited number of agricultural and State and local government workers are covered.

The standard rate of contributions payable by employers in all but 8 States is 2.7 percent of the taxable payroll. However, employers with favorable unemployment experience may be assigned a lower rate (except in Puerto Rico); in 1965 the average employer contribution rate under State laws was 2.1 percent of the taxable payroll. In most States, the contribution is based on the first \$3,000 paid to a worker during the year. In 18 States, the rate applies to wages ranging from \$3,300 to \$7,200. Contributions collected by States are deposited to State accounts in the Federal Unemployment Trust Fund, from which States withdraw amounts needed for benefit payments.

**Social insurance for railroad workers.**—The social insurance programs administered by the Railroad Retirement Board cover employees of railroads or companies and organizations affiliated with railroad transportation. The Railroad Retirement Act provides retirement annuities for aged and disabled workers and for wives of retired employees, and benefits to survivors of deceased workers. Supplemental annuities are also provided for certain retired employees under a 5-year plan established in November 1966. Also, Federal health insurance protection is available to railroad workers on the same basis as workers covered by social security. Funds for the regular railroad retirement and survivor benefit program come primarily from a tax on the first \$550 of each month's earnings. The tax, which is payable under the Railroad Retirement Tax Act, is divided equally between employer and employee. The rate for 1967 is 17.3 percent, including 1.0 percent for hospital insurance benefits. The supplemental annuity program is financed by a special tax on railroad employers of 2 cents for each hour for which compensation is paid.

The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness, including maternity. The unemployment insurance program is financed by contributions from covered employers, paid directly to the Board. The contribution rate for 1967 is 4 percent (applicable to earnings not in excess of \$400 a month).



**Social insurance for Federal Government employees.**—One contributory retirement system for Federal civilian employees and two small noncontributory systems for special classes of employees are administered by the Civil Service Commission. In addition, there are separate retirement systems in operation for the uniformed services (supplementing OASDHI under which they are covered on a contributory basis) and for special classes of Federal employees.

The Civil Service Retirement Act provides for age, optional, disability, deferred retirement, and discontinued service annuities for employees in the executive, judicial, and legislative branches of the U.S. Government and in the District of Columbia government if not subject to another retirement system or excluded by statute or by administrative order. It also provides annuities for the widows and minor children of deceased employees, and under certain conditions to the survivors of deceased annuitants. The employee contribution rate is 6½ percent, computed on base pay. Employing agencies pay into the Retirement Fund amounts equal to employee contributions.

**Workmen's compensation.**—All States have programs providing protection against work-connected injuries and deaths. Federal workmen's compensation laws cover Federal Government employees, private employees in the District of Columbia, and longshoremen and harbor workers. Most State workmen's compensation laws exempt such employments as agriculture, domestic service, and casual labor; the majority exempt employers who have fewer than a specified number of employees. Occupational diseases, or at least specified diseases, are compensable under most laws.

In most States total payments to injured workers or to survivor families are limited as to time, amount, or both. All compensation acts require that medical aid be furnished to injured employees; in almost one-fourth of the laws there are either duration or cost limitations—or both—on the amount of medical benefits provided.

**Public assistance.**—Six programs, all administered by the States and localities, provide public assistance. Payments to four groups—the aged, the blind, the permanently and totally disabled, and children whose need arises from certain causes—are financed in part from Federal funds granted to States under the Social Security Act. The States may also receive grants for medical assistance to those aged persons not receiving old-age assistance and not able to take care of their medical bills themselves. Beginning 1966, the States may also receive grants for medical assistance to younger people not receiving assistance under the other Federally-aided programs who cannot meet their medical expenses. The Welfare Administration's Bureau of Family Services handles the Federal aspects of these programs. Aid to other needy persons is furnished mainly through general assistance, toward which the Federal Government makes no contribution.

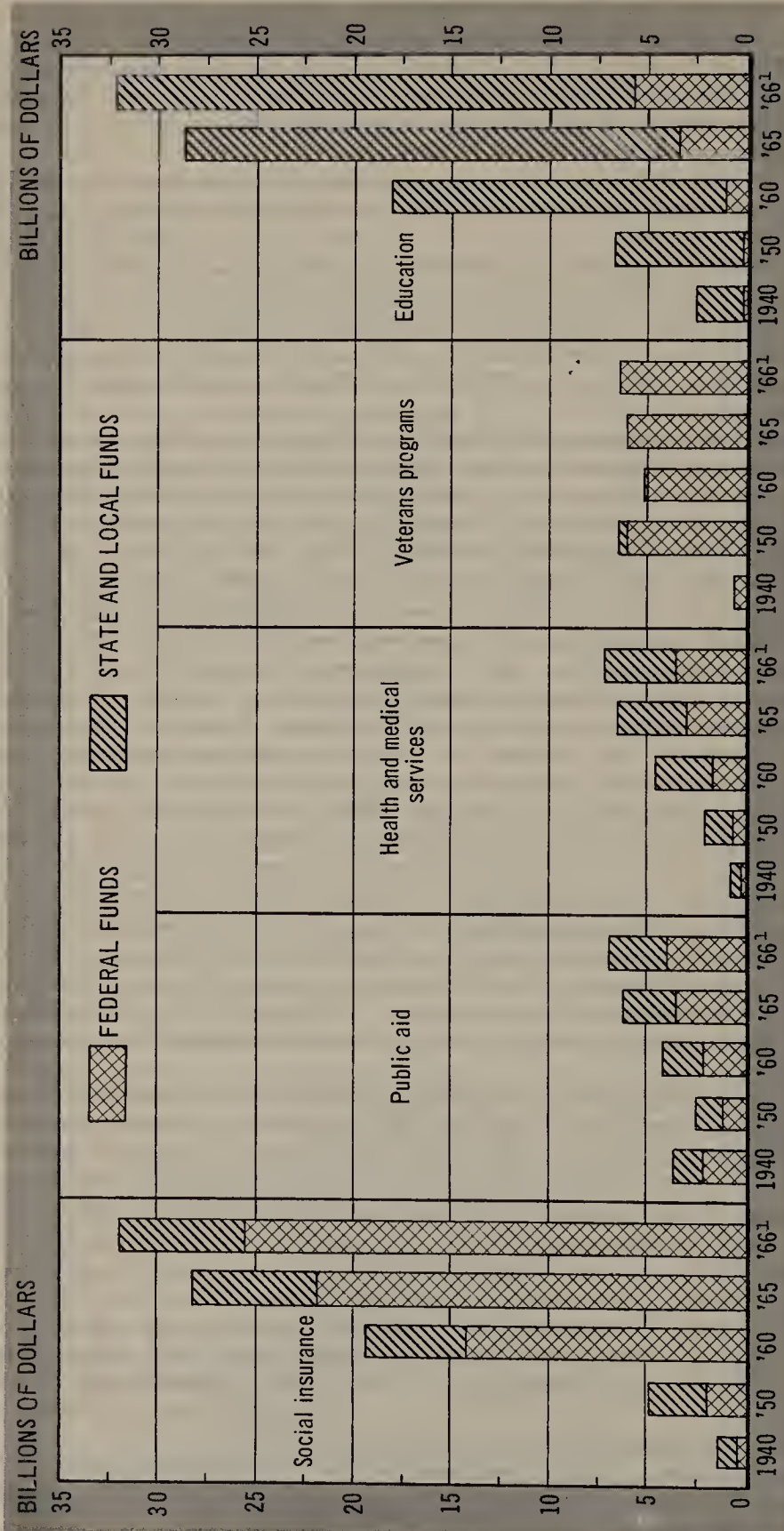
To receive a Federal grant for assistance payments and administrative expenses under any Social Security Act program, a State must have a plan approved as meeting the requirements of the Act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall receive.

**Health and welfare services.**—Programs providing health and welfare services are aided through Federal grants to States for maternal and child health services, services for crippled children, maternal and infant care projects, projects for comprehensive health services for children of pre-school and school age, child welfare services, vocational rehabilitation, and public health services (including water-pollution control, hospital survey and construction, community health centers, and control of specific diseases). The Children's Bureau, a part of the Welfare Administration, administers the first five of these programs; the others are administered by the Vocational Rehabilitation Administration and the Public Health Service.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XVII. SOCIAL WELFARE EXPENDITURES UNDER SELECTED PUBLIC PROGRAMS: 1940 TO 1966

[Fiscal-year data. See table 401]



<sup>1</sup> Preliminary.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Health, Education, and Welfare, Social Security Administration.



## No. 401. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1935 TO 1966

[In millions of dollars. For Federal Government, most States, and some localities, years ending June 30; for other States and localities, various 12-month periods ending within year. Prior to 1960, workmen's compensation excludes Alaska, Hawaii, and outlying areas. Represents expenditures under public law and from trust accounts. Includes administrative expenditures and capital outlay for hospitals, public elementary and secondary schools, and publicly controlled higher education. See table 402 for program detail. See *Historical Statistics, Colonial Times to 1957*, series H 1-45, for data covering civilian programs only]

YEAR AND SOURCE OF FUNDS	Total <sup>1</sup>	Social insur- ance <sup>1</sup>	Public aid	Health and medical services	Other welfare serv- ices	Veter- ans pro- grams	Educa- tion	Public hous- ing	TOTAL AS PERCENT OF—	
									Gross national product	Govern- ment expend- itures for all pur- poses <sup>1</sup>
TOTAL										
1935-----	6,417	384	2,998	434	53	450	2,098	(X)	9.3	48.6
1940-----	8,762	1,218	3,599	682	77	535	2,647	4	9.2	47.3
1945-----	8,859	1,419	1,031	2,331	159	892	3,018	10	4.2	8.3
1950-----	22,973	4,873	2,496	2,087	423	6,381	6,698	15	8.7	36.4
1955-----	32,243	9,854	3,003	3,054	573	4,370	11,299	89	8.5	31.8
1960-----	52,154	19,297	4,101	4,455	1,014	5,106	18,004	177	10.5	37.5
1962-----	62,231	24,200	4,945	5,226	1,304	5,390	20,950	216	11.5	38.9
1963-----	66,543	25,592	5,295	5,609	1,448	5,585	22,767	247	11.6	39.5
1964-----	71,082	26,967	5,642	6,010	1,563	5,749	24,878	272	11.6	39.7
1965-----	77,505	28,078	6,178	6,430	1,949	5,965	28,592	314	11.9	41.7
1966 (prel.)--	87,578	31,906	6,824	7,130	2,739	6,334	32,248	348	12.3	43.0
FEDERAL										
1935-----	3,107	99	2,374	50	2	450	133	(X)	4.6	49.6
1940-----	3,467	355	2,246	160	4	535	162	4	3.7	38.3
1945-----	4,083	760	420	1,776	64	892	161	10	1.9	4.3
1950-----	9,998	2,028	1,103	586	167	5,919	181	15	3.8	24.4
1955-----	14,231	6,405	1,504	1,174	243	4,308	522	75	3.7	20.7
1960-----	24,724	14,298	2,117	1,749	408	4,994	1,015	144	5.0	26.9
1962-----	30,630	18,296	2,741	2,238	509	5,295	1,379	173	5.7	29.2
1963-----	32,967	19,396	2,999	2,456	548	5,565	1,812	191	5.7	29.7
1964-----	35,591	20,638	3,207	2,751	620	5,730	2,438	207	5.8	30.3
1965-----	38,787	21,779	3,488	2,952	877	5,945	3,513	234	5.9	32.3
1966 (prel.)--	46,804	25,608	3,855	3,518	1,520	6,312	5,742	249	6.6	35.2
STATE AND LOCAL										
1935-----	3,310	285	624	384	51	(X)	1,965	(X)	4.8	47.9
1940-----	5,295	863	1,353	522	72	(X)	2,485	(X)	5.6	56.8
1945-----	4,776	659	610	555	95	(X)	2,857	(X)	2.3	55.5
1950-----	12,975	2,845	1,393	1,501	256	462	6,518	(X)	4.9	61.1
1955-----	18,012	3,450	1,499	1,880	330	62	10,778	15	4.7	57.4
1960-----	27,430	4,999	1,984	2,706	606	112	16,989	33	5.5	59.4
1962-----	31,600	5,904	2,204	2,988	795	95	19,571	43	5.8	58.6
1963-----	33,576	6,196	2,296	3,152	900	20	20,955	56	5.8	59.4
1964-----	35,490	6,328	2,435	3,259	943	19	22,440	66	5.8	58.7
1965-----	38,719	6,299	2,690	3,478	1,072	20	25,079	80	5.9	59.6
1966 (prel.)--	40,774	6,298	2,969	3,662	1,220	21	26,506	98	5.7	58.5

X. Not applicable.

<sup>1</sup> Although total social welfare and social insurance expenditures include non-Federal workmen's compensation benefits, such expenditures and that part of temporary disability insurance payments made through private insurance carriers have been omitted in computing percentages relating to all government expenditures.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, December 1966.



# No. 402. SOCIAL WELFARE EXPENDITURES, BY SOURCE OF FUNDS AND PUBLIC PROGRAM: 1964 TO 1966

[In millions of dollars. See headnote, table 401. See *Historical Statistics, Colonial Times to 1957*, series H 1-45, for data covering civilian programs only]

PROGRAM	1964		1965		1966 (prel.)	
	Federal	State and local	Federal	State and local	Federal	State and local
<b>Total</b> .....	35,591	35,490	38,787	38,719	46,804	40,774
<b>Social insurance</b> .....	20,638	6,328	21,779	6,299	25,608	6,298
Old-age, survivors, disability, health insurance.....	16,201	(X)	16,997	(X)	20,292	(X)
Railroad retirement.....	1,104	(X)	1,127	(X)	1,205	(X)
Public employee retirement <sup>1</sup> .....	2,487	1,570	2,781	1,740	3,226	1,925
Unemployment insurance and employment service <sup>2</sup> .....	628	2,642	674	2,303	708	1,900
Railroad unemployment insurance.....	93	(X)	77	(X)	54	(X)
Railroad temporary disability insurance.....	50	(X)	46	(X)	43	(X)
State temporary disability insurance, total <sup>3</sup> .....	(X)	468	(X)	487	(X)	502
Hospital and medical benefits.....	(X)	50	(X)	51	(X)	56
Workmen's compensation, total.....	76	<sup>4</sup> 1,649	78	<sup>4</sup> 1,770	80	<sup>4</sup> 1,970
Hospitalization and medical benefits.....	10	535	11	574	12	613
<b>Public aid</b> .....	3,207	2,435	3,488	2,690	3,855	2,969
Public assistance <sup>5</sup> .....	2,946	2,435	3,184	2,690	3,487	2,969
Vendor medical payments.....	593	555	703	664	743	877
Other <sup>6</sup> .....	261	-	304	-	368	-
<b>Health and medical programs</b> <sup>7</sup> .....	2,751	3,259	2,952	3,478	3,518	3,662
Hospital and medical care.....	1,189	2,316	1,231	2,376	1,540	2,450
Civilian programs.....	131	2,316	136	2,376	144	2,450
Defense Department programs.....	1,058	(X)	1,095	(X)	1,396	(X)
Maternal and child health services.....	59	142	70	153	82	176
Medical research.....	993	50	1,112	55	1,287	61
School health (educational agencies).....	(X)	128	(X)	132	(X)	135
Other public health activities <sup>8</sup> .....	224	379	240	473	294	550
Medical facilities construction.....	287	245	299	289	316	290
Defense Department.....	42	(X)	35	(X)	29	(X)
Other.....	245	245	265	289	287	290
<b>Other welfare services</b> .....	620	943	877	1,072	1,520	1,220
Vocational rehabilitation, total.....	127	67	146	77	232	96
Medical rehabilitation.....	19	12	21	13	34	21
Institutional and other care <sup>9</sup> .....	45	322	36	363	39	380
School lunch.....	419	270	505	292	428	324
Child welfare <sup>10</sup> .....	29	284	34	318	40	341
Special programs <sup>11</sup> .....	(X)	(X)	156	22	780	78
<b>Veterans programs</b> <sup>12</sup> .....	5,730	19	5,945	20	6,312	21
Pensions and compensation <sup>13</sup> .....	4,033	(X)	4,186	(X)	4,465	(X)
Health and medical services.....	1,179	(X)	1,251	(X)	1,331	(X)
Hospital and medical care.....	1,070	(X)	1,133	(X)	1,205	(X)
Hospital construction.....	76	(X)	81	(X)	83	(X)
Medical and prosthetic research.....	33	(X)	37	(X)	42	(X)
Education.....	66	(X)	41	(X)	35	(X)
Welfare and other <sup>14</sup> .....	452	19	467	20	481	21
<b>Education</b> .....	2,438	22,440	3,513	25,079	5,742	26,506
Elementary and secondary, total.....	666	20,140	881	22,224	2,253	23,552
Construction.....	24	3,180	59	3,451	63	3,733
Higher education and other, total.....	1,773	2,300	2,632	2,854	3,489	2,954
Construction.....	200	350	678	480	883	510
<b>Public housing</b> .....	207	66	234	80	249	98

- Represents zero. X Not applicable.

<sup>1</sup> Excludes refunds to those leaving service. Federal data include military retirement.

<sup>2</sup> Includes compensation for Federal employees and for ex-servicemen, and training allowances.

<sup>3</sup> Programs operate in 4 States only: Calif., N.J., N.Y., and R.I.

<sup>4</sup> Payments by private insurance carriers, State funds, and self-insurers.

<sup>5</sup> For program detail, see table 436. <sup>6</sup> Emergency aid and value of surplus food to needy families.

<sup>7</sup> Excludes: Domiciliary care in institutions other than mental or tuberculosis; international activities; Federal agency programs; and services included in other social welfare programs.

<sup>8</sup> Includes medical equipment and supplies for civil defense, and administrative costs. Excludes water supply and sanitation services.

<sup>9</sup> Homes for dependent or neglected children and for adults (nonveterans); and surplus food for nonprofit institutions.

<sup>10</sup> Includes foster care and professional and facilitating services; excludes public institutions and day-care centers, capital expenditures by courts and youth authorities, direct appropriations to voluntary agencies and institutions, and payments from parents, and relatives. <sup>11</sup> Under Economic Opportunity Act.

<sup>12</sup> Federal expenditures exclude bonus payments and veterans' life insurance benefits.

<sup>13</sup> Includes burial awards. <sup>14</sup> Includes vocational rehabilitation, specially adapted homes and automobiles for disabled veterans, counseling, beneficiaries' travel, loan guarantees, and domiciliary care.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, December 1966.

**NO. 403. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS, TOTAL AND PER CAPITA, ACTUAL AND 1966 PRICES: 1935 TO 1966**

[For years ending June 30. Per capita figures based on Bureau of the Census estimates of total population of the United States as of January 1, including outlying areas and Armed Forces abroad. See headnote, table 401]

YEAR	IN ACTUAL PRICES								IN 1966 PRICES	
	Total <sup>1</sup> (millions)	Per capita								
		Total <sup>2</sup>	Social insurance	Public aid	Health and medical services	Other welfare services	Veterans programs	Educa- tion	Total <sup>1</sup> (millions)	Per capita
1935-----	\$6,406	\$50	\$3	\$23	\$3	(Z)	\$3	\$16	\$15,974	\$124
1940-----	8,751	65	9	27	5	\$1	4	20	21,189	158
1945-----	8,844	62	10	7	16	1	6	21	15,092	106
1950-----	22,890	149	32	16	14	3	41	44	30,848	201
1955-----	32,089	192	59	18	18	3	26	68	38,065	228
1960-----	51,976	286	106	23	24	6	28	99	55,768	306
1963-----	66,350	347	133	28	29	8	29	119	68,971	361
1964-----	70,874	366	139	29	31	8	29	128	72,766	376
1965-----	77,274	393	142	31	33	10	30	145	78,451	399
1966 (prel.)--	87,292	439	160	34	36	14	32	162	87,292	439

Z Less than \$0.50.

<sup>1</sup> Excludes expenditures within foreign countries for education, veterans' payments, and OASDHI benefits.

<sup>2</sup> Includes public housing, not shown separately.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, December 1966, and unpublished data.

**NO. 404. FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE: 1935 TO 1966**

[In millions of dollars, except per capita. Includes Puerto Rico, Guam, and Virgin Islands; see table 405. On basis of checks issued for years ending June 30. Does not represent programs for all years; starts with all existing programs in 1935, adds new programs as instituted, and drops programs as terminated]

YEAR	TOTAL		SOCIAL WELFARE						High-way construction <sup>7</sup>	All other
	Amount	Per capita <sup>1</sup>	Total	Public assistance <sup>2</sup>	Employment security administration <sup>3</sup>	Health services <sup>4</sup>	Other welfare services <sup>5</sup>	Educa-tion <sup>6</sup>		
1935.....	2,197	\$17.26	24	(X)	1	(X)	2	21	275	1,898
1940.....	967	7.20	524	271	120	22	68	44	165	278
1945.....	917	6.76	693	410	34	79	74	96	87	137
1950.....	2,208	14.33	1,715	1,123	215	124	184	70	429	64
1955.....	3,094	18.49	2,382	1,427	189	119	369	278	597	115
1960.....	6,837	38.08	3,625	2,059	317	255	576	418	2,942	270
1962.....	7,702	41.48	4,550	2,432	449	305	898	465	2,783	369
1963.....	8,323	44.13	4,847	2,730	330	343	915	528	3,023	454
1964.....	9,774	51.05	5,387	2,944	405	389	1,102	547	3,644	747
1965.....	10,630	54.73	5,722	3,059	393	416	1,170	683	4,018	893
1966 (prel.)..	12,519	63.64	7,707	3,528	469	447	1,701	1,562	3,975	830

X Not applicable.

<sup>1</sup> Based on Bureau of the Census estimates of total population, excluding Armed Forces abroad, as of July 1.

<sup>2</sup> Old-age assistance, medical assistance for the aged, aid to families with dependent children, aid to the blind, aid to permanently and totally disabled, the combined adult assistance program, and medical assistance (Title XIX).

<sup>3</sup> Administration of unemployment insurance service, employment service, and veterans' unemployment allowances, and the distribution of certain tax collections to State accounts in unemployment trust fund when applicable.

<sup>4</sup> Maternal and child health services, services for crippled children, and other public health service and construction programs.

<sup>5</sup> Vocational rehabilitation; State and territorial homes for disabled soldiers and sailors; child welfare services; national school lunch program; public housing contributions; manpower development and economic opportunity activities; and others.

<sup>6</sup> Colleges of agriculture and mechanic arts; agricultural extension work; vocational education; education of the blind; Office of Education emergency grants; maintenance and operation of schools; school survey and construction; defense educational activities; library services; training for education of mentally retarded and other handicapped; educational TV; elementary, secondary, and higher education activities; and others.

<sup>7</sup> Federal-aid highways, including regular and emergency, prewar and postwar; and trust fund activities, including restoration of roads and bridges, flood relief, secondary and feeder roads, grade crossing elimination, public land highways, and others.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, July 1967. (Based on *Annual Report of the Secretary of the Treasury*.)



# No. 405. FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE— STATES AND OTHER AREAS: 1966

[For year ending June 30, except as noted. Per capita figures based on Bureau of the Census estimates of total population, excluding Armed Forces abroad, as of July 1, 1965. See headnote and footnotes, table 404]

STATE OR OTHER AREA	GRANTS (mil. dol.)			Average personal income, 1963-64	GRANTS PER CAPITA					
	Total	Public assistance	Employment security, health, and other welfare services		Total	Public assistance	Employment security, health, and other welfare services	Education	Highway construction	All other
<b>Total <sup>2</sup></b> .....	12,519	3,528	2,617	(NA)	\$63.64	\$17.93	\$13.31	\$7.94	\$20.20	\$4.25
<b>United States <sup>3</sup></b> .....	12,384	3,512	2,545	2,593	63.90	18.12	13.13	7.92	20.47	4.27
Alabama.....	313	93	60	1,788	89.66	26.66	17.15	14.78	26.73	4.34
Alaska.....	116	3	7	3,044	435.73	9.41	26.04	48.88	168.49	182.92
Arizona.....	141	21	28	2,287	89.76	13.29	18.05	14.71	41.83	1.88
Arkansas.....	191	54	44	1,737	98.56	27.67	22.79	14.58	27.07	6.45
California.....	1,315	569	209	3,129	71.47	30.91	11.34	7.62	18.64	2.97
Colorado.....	176	52	30	2,584	90.30	26.81	15.39	11.69	27.92	8.50
Connecticut.....	160	39	31	3,251	56.49	13.87	10.79	4.84	18.30	8.69
Delaware.....	38	5	7	3,175	75.03	9.78	14.15	8.02	40.60	2.47
Dist. of Columbia.....	78	14	34	3,535	97.80	17.00	42.96	11.32	25.02	1.50
Florida.....	299	84	70	2,284	51.61	14.43	12.03	7.57	14.74	2.85
Georgia.....	320	91	76	2,014	72.91	20.82	17.27	12.35	18.28	4.20
Hawaii.....	57	8	12	2,767	79.88	11.32	17.53	17.02	25.67	8.33
Idaho.....	61	10	9	2,191	88.23	14.55	13.19	11.13	45.46	3.89
Illinois.....	502	156	126	3,082	47.18	14.66	11.88	4.78	13.18	2.68
Indiana.....	206	32	39	2,639	42.03	6.52	8.05	6.32	18.34	2.80
Iowa.....	160	39	30	2,457	58.18	14.04	10.74	9.28	20.33	3.74
Kansas.....	141	35	20	2,508	62.82	15.55	9.11	10.44	21.09	6.64
Kentucky.....	269	74	79	1,923	84.66	23.39	25.01	9.75	21.38	5.13
Louisiana.....	338	144	61	1,949	95.01	40.33	17.01	5.04	21.91	10.73
Maine.....	70	17	11	2,120	70.54	16.98	11.52	10.83	26.98	4.22
Maryland.....	158	44	37	2,835	44.75	12.45	10.55	8.67	10.41	2.68
Massachusetts.....	300	110	66	2,902	55.98	20.61	12.32	5.12	13.40	4.53
Michigan.....	419	107	95	2,790	50.34	12.90	11.48	4.69	17.25	4.03
Minnesota.....	260	73	46	2,493	73.03	20.52	12.99	5.14	28.53	5.85
Mississippi.....	201	49	58	1,510	87.02	21.20	25.05	12.31	22.98	5.48
Missouri.....	335	100	61	2,493	74.54	22.28	13.57	7.17	28.69	2.84
Montana.....	83	9	10	2,319	117.93	12.62	14.60	12.26	73.34	5.11
Nebraska.....	90	19	15	2,430	61.70	13.13	10.14	10.44	24.71	3.27
Nevada.....	58	5	8	3,262	133.59	10.56	18.17	16.10	81.47	7.29
New Hampshire.....	41	5	9	2,441	60.54	7.78	13.69	8.02	26.37	4.68
New Jersey.....	270	60	81	3,090	39.88	8.87	11.91	6.94	9.56	2.60
New Mexico.....	132	22	21	2,112	130.15	21.75	21.08	21.70	61.54	4.08
New York.....	929	358	249	3,128	51.29	19.76	13.78	4.76	9.82	3.17
North Carolina.....	279	79	73	1,921	56.58	15.93	14.88	11.41	11.07	3.29
North Dakota.....	56	12	10	2,091	86.64	17.76	15.48	13.76	35.96	3.68
Ohio.....	549	118	116	2,660	53.64	11.53	11.29	5.29	20.76	4.77
Oklahoma.....	257	112	45	2,131	104.96	45.56	18.18	14.94	19.90	6.37
Oregon.....	148	29	25	2,611	76.46	14.76	12.81	6.19	39.31	3.40
Pennsylvania.....	628	164	149	2,592	54.25	14.19	12.87	4.08	16.70	6.41
Rhode Island.....	65	17	16	2,661	72.57	19.43	18.43	10.38	15.24	9.09
South Carolina.....	139	26	38	1,707	54.69	10.18	15.02	12.19	15.56	1.75
South Dakota.....	65	10	9	1,999	94.44	14.73	13.16	15.05	47.59	3.90
Tennessee.....	290	61	61	1,888	75.22	15.88	15.94	12.33	26.67	4.41
Texas.....	610	185	119	2,217	57.55	17.42	11.20	9.25	17.28	2.41
Utah.....	101	15	14	2,279	101.96	15.55	14.44	12.65	56.89	2.43
Vermont.....	49	7	7	2,152	121.23	17.45	16.59	8.65	72.73	5.80
Virginia.....	279	29	47	2,259	63.18	6.59	10.65	9.98	33.71	2.25
Washington.....	222	59	36	2,747	74.74	19.69	12.12	8.59	31.62	2.72
West Virginia.....	190	43	40	1,900	104.93	23.71	22.25	13.19	37.99	7.79
Wisconsin.....	156	44	40	2,544	37.69	10.69	9.58	3.77	11.67	1.97
Wyoming.....	55	3	6	2,469	165.55	10.59	19.19	14.12	116.17	5.48
Puerto Rico.....	127	15	68	(NA)	48.20	5.79	2.59	9.52	3.27	3.73
Virgin Islands.....	4	(Z)	3	(NA)	91.46	7.30	6.23	16.83	-	4.99
Other territories.....	3	(Z)	1	(NA)	-	-	-	-	-	-

- Represents zero. NA Not available. Z Less than \$500,000.

<sup>1</sup> Calendar-year data. Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, August 1966.

<sup>2</sup> Includes small amount undistributed, and grants under a few programs to American Samoa, Canal Zone, Guam, Trust Territory of the Pacific, and other areas.

<sup>3</sup> Includes small amounts undistributed.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, July 1967. (Based on *Annual Report of the Secretary of the Treasury*.)



# No. 406. SOCIAL INSURANCE AND RELATED PROGRAMS—BENEFICIARIES AND BENEFITS, BY PROGRAM: 1940 TO 1965

[Partly estimated. Data for workmen's compensation and State and local government retirement programs for 1940 and 1950 exclude Alaska and Hawaii. Includes some beneficiaries and benefit payments for some programs in outlying areas. See also *Historical Statistics, Colonial Times to 1957*, series H 68-114]

PROGRAM	BENEFICIARIES <sup>1</sup> (1,000)				AMOUNT OF BENEFITS (mil. dol.)			
	1940	1950	1960	1965	1940	1950	1960	1965
<b>Total</b> .....	(X)	(X)	(X)	(X)	1,540	6,321	22,615	32,565
<b>Retirement</b> <sup>2</sup> .....	(X)	(X)	(X)	(X)	331	1,423	10,760	16,792
OASDHI.....	77	1,918	10,310	13,918	17	651	8,196	12,542
Railroad retirement.....	102	175	444	498	83	177	594	705
Public employee retirement.....	194	406	977	1,482	206	537	1,926	3,525
Federal civil-service.....	47	111	263	359	49	135	547	897
Other Federal employee.....	33	73	179	388	54	152	529	1,233
State and local government.....	113	222	535	735	103	250	850	1,395
Veterans' program.....	34	54	33	14	24	58	43	20
<b>Disability</b> <sup>23</sup> .....	(X)	(X)	(X)	(X)	477	2,442	4,860	7,024
OASDHI <sup>4</sup> .....	(X)	(X)	543	1,654	(X)	(X)	568	1,573
Railroad retirement.....	39	76	97	103	31	77	147	149
Public employee retirement.....	30	131	247	332	23	213	492	751
Federal civil-service.....	16	43	102	149	13	41	152	279
Other Federal employee.....	(NA)	56	90	108	(NA)	149	244	318
State and local government.....	14	32	55	75	10	24	95	155
Veterans' program.....	576	2,314	2,976	3,203	294	1,674	2,530	3,026
Workmen's compensation.....	(NA)	(NA)	(NA)	(NA)	129	360	755	1,057
State temporary disability insurance <sup>5</sup> .....	(X)	55	121	150	(X)	89	311	426
Railroad temporary disability insurance <sup>6</sup> .....	(X)	31	30	23	(X)	28	57	41
<b>Survivor:</b>								
Monthly benefits.....	(X)	(X)	(X)	(X)	162	902	3,672	5,877
OASDHI.....	36	1,094	3,446	4,681	6	277	2,316	3,979
Railroad retirement.....	3	136	251	288	1	44	201	278
Public employee retirement <sup>7</sup> .....	25	58	223	322	16	34	185	324
Federal civil-service.....	(X)	18	150	220	(X)	8	105	191
Other Federal employee.....	(NA)	(NA)	4	7	(NA)	(NA)	5	9
State and local government.....	25	40	70	95	16	26	75	125
Veterans' program.....	323	991	1,262	1,900	106	492	865	1,150
Workmen's compensation.....	(NA)	(NA)	(NA)	(NA)	32	55	105	145
<b>Lump-sum payments</b> .....	(X)	(X)	(X)	(X)	37	87	300	420
OASDHI.....	(X)	(X)	(X)	(X)	12	33	164	217
Railroad retirement.....	(X)	(X)	(X)	(X)	2	13	20	22
Public employee retirement.....	(X)	(X)	(X)	(X)	18	29	76	125
Federal civil-service.....	(X)	(X)	(X)	(X)	6	8	12	18
Other Federal employee.....	(X)	(X)	(X)	(X)	(Z)	(Z)	1	1
State and local government.....	(X)	(X)	(X)	(X)	12	20	63	105
Veterans' program <sup>8</sup> .....	(X)	(X)	(X)	(X)	4	13	40	57
<b>Unemployment</b> .....	(X)	(X)	(X)	(X)	535	1,468	3,025	2,452
State unemployment insurance <sup>9</sup> .....	982	1,324	1,723	1,187	519	1,373	2,867	2,283
Railroad unemployment insurance.....	42	77	70	31	16	60	158	60
Veterans' unemployment allowances <sup>10</sup> .....	(X)	32	2	(X)	(X)	35	(Z)	(X)
Training allowances <sup>11</sup> .....	(X)	(X)	(X)	75	(X)	(X)	(X)	108

NA Not available. X Not applicable. Z Less than \$500,000.

<sup>1</sup> For old-age, survivors, disability, and health insurance (OASDHI), average monthly number; for railroad retirement program, public employee retirement systems and veterans' programs, number on rolls June 30; State unemployment and temporary disability insurance and veterans' unemployment allowances, average weekly number; railroad unemployment and temporary disability insurance, average number during 14-day registration period.

<sup>2</sup> Includes benefits to dependents where applicable.

<sup>3</sup> Excludes payments for medical care.

<sup>4</sup> Program initiated in 1957.

<sup>5</sup> Benefits first payable in 1943. Payable in Calif., N.J., N.Y., and R.I. Includes maternity data for R.I. and private-plan beneficiaries in Calif., and N.Y.; data for beneficiaries in N.J. not available.

<sup>6</sup> Benefits first payable in July 1947.

<sup>7</sup> Number represents families for Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems.

<sup>8</sup> Lump sums are for burial of deceased veterans.

<sup>9</sup> Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payments under the temporary extended unemployment insurance programs. Beginning 1961, includes Puerto Rico.

<sup>10</sup> Under the Servicemen's Readjustment Act of 1944 (terminated July 1949), and the Veterans' Readjustment Assistance Act of 1952 (terminated January 1960).

<sup>11</sup> Area Redevelopment Act and Manpower Development Training Act programs.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement to the Social Security Bulletin*.

### No. 407. SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS OF COVERED EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1940 TO 1965

[In millions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii except that small amount of taxable wages included in railroad payrolls; data for Federal civilian and military personnel cover all areas. Gross amount, before deduction of social insurance contributions. See also *Historical Statistics, Colonial Times to 1957*, series H 55-67]

PROGRAM	1940	1950	1955	1960	1965
AMOUNT					
Total earnings <sup>1</sup> .....	61,272	184,223	252,967	317,053	414,134
All wages and salaries <sup>1</sup> .....	48,227	146,748	211,266	270,844	358,389
Civilian.....	47,664	141,749	201,488	260,950	346,263
Payrolls covered by retirement programs <sup>2</sup> .....	41,660	128,795	193,291	260,600	346,344
Old-age, survivors, disability, and health insurance <sup>3</sup> .....	35,600	109,400	169,400	234,300	310,900
Railroad retirement <sup>3 4</sup> .....	2,280	5,327	5,801	5,648	5,590
Federal civil service retirement <sup>5</sup> .....	1,430	6,063	8,290	11,952	16,254
State and local government.....	2,350	8,000	12,400	20,300	32,200
Total net earnings in self-employment covered by old-age, survivors, disability, and health insurance <sup>6</sup> .....	(X)	(X)	24,400	29,100	35,900
Payrolls covered by unemployment insurance programs.....	34,632	108,692	164,240	215,355	277,894
State unemployment insurance <sup>3 7</sup> .....	32,352	102,765	158,439	209,707	272,304
Railroad unemployment insurance <sup>3 4</sup> .....	2,280	5,327	5,801	5,648	5,590
Payrolls covered by workmen's compensation programs <sup>8</sup> .....	35,500	113,500	168,000	220,000	290,000
PERCENT					
Civilian wages and salaries.....	100.0	100.0	100.0	100.0	100.0
Payrolls covered by—					
Old-age, survivors, disability, and health insurance <sup>3</sup> .....	74.7	77.2	84.1	<sup>9</sup> 86.5	<sup>9</sup> 86.7
Railroad retirement <sup>3 4</sup> .....	4.8	3.8	2.9	2.2	1.6
Federal civil service retirement <sup>5</sup> .....	3.0	4.3	4.1	4.6	4.7
State and local government retirement.....	4.9	5.6	6.2	7.8	9.3
State unemployment insurance <sup>3 7</sup> .....	67.9	72.5	78.6	80.4	78.6
Railroad unemployment insurance <sup>3 4</sup> .....	4.8	3.8	2.9	2.2	1.6
Workmen's compensation programs <sup>8</sup> .....	74.5	80.1	83.4	84.3	83.7

X Not applicable.

<sup>1</sup> Data from Dept. of Commerce, Office of Business Economics. Total earnings include earnings of self-employed; all wages and salaries represent disbursements for civilian and military pay in cash and in kind.

<sup>2</sup> Beginning 1955, adjusted for duplication of payrolls covered by both old-age, survivors, disability, and health insurance and State and local retirement systems. <sup>3</sup> Taxable plus estimated nontaxable wages and salaries.

<sup>4</sup> Beginning 1950, includes railroad temporary disability insurance.

<sup>5</sup> Excludes voluntary contributions and service credits. <sup>6</sup> Effective beginning 1951.

<sup>7</sup> Beginning 1955, includes pay of Federal civilian personnel.

<sup>8</sup> Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas.

<sup>9</sup> Represents percent of all wages and salaries to reflect inclusion of Armed Forces pay.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement to the Social Security Bulletin*.

### No. 408. POPULATION 65 YEARS OLD AND OVER—SELECTED CHARACTERISTICS: 1955 to 1967

[In thousands, except median. 1955, excludes Alaska and Hawaii. Based on Current Population Survey, and not entirely comparable with decennial census; see text, p. 1. For definition of terms, see pp. 2, 3, 217, and 218]

CHARACTERISTIC	April 1955	MARCH 1960			MARCH 1965			MARCH 1967		
		Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total, 65 years and over</b> .....	14,353	16,529	7,492	9,037	18,077	7,910	10,167	(NA)	(NA)	(NA)
Marital status:										
Single.....	1,177	1,314	545	769	1,310	526	784	(NA)	(NA)	(NA)
Married.....	7,205	8,699	5,372	3,327	9,300	5,641	3,659	(NA)	(NA)	(NA)
Spouse present.....	6,906	8,331	5,168	3,163	8,840	5,373	3,467	(NA)	(NA)	(NA)
Spouse absent.....	299	368	204	164	460	268	192	(NA)	(NA)	(NA)
Widowed.....	5,798	6,253	1,451	4,802	7,068	1,540	5,528	(NA)	(NA)	(NA)
Divorced.....	205	263	124	139	401	203	198	(NA)	(NA)	(NA)
<b>Total, 65 years and over <sup>1</sup></b> .....	13,634	15,252	6,880	8,372	17,354	7,626	9,728	17,934	7,781	10,153
Labor force status:										
Civilian labor force.....	3,305	3,112	2,247	865	3,166	2,144	1,022	2,963	1,990	973
Employed.....	3,203	2,959	2,129	830	3,031	2,043	988	2,873	1,927	946
In agriculture.....	714	559	513	46	459	408	51	369	346	23
In nonagricultural industries.....	2,489	2,400	1,616	784	2,572	1,635	937	2,504	1,580	924
Unemployed.....	102	154	118	36	135	101	34	90	63	27
Not in labor force.....	10,329	12,140	4,633	7,507	14,188	5,482	8,706	14,971	5,791	9,180
Income in previous year:										
Persons with income.....	10,390	12,955	6,666	6,289	15,461	7,489	7,972	(NA)	(NA)	(NA)
Median income for persons with income <sup>2</sup> .....	\$902	\$1,076	\$1,576	\$797	\$1,355	\$2,037	\$952	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup> Excludes inmates of institutions. <sup>2</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, P-57, P-60, and unpublished data. Labor force, beginning 1960, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*.



No. 409. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—ESTIMATED PAID EMPLOYMENT AND COVERAGE STATUS: 1940 TO 1965

[In millions, except percent. Prior to 1960, excludes Alaska and Hawaii. Represents civilian noninstitutional population aged 14 and over and Armed Forces. Averages based on calendar week in March, June, September, and December for which Current Population Survey was taken; see text, p. 1. Coverage status generally determined on basis of job with greatest number of hours worked during survey week]

COVERAGE STATUS	1940	1950	1955	1960	1962	1963	1964	1965
<b>Paid employment (including self-employment).....</b>	<b>46.4</b>	<b>60.0</b>	<b>64.5</b>	<b>67.5</b>	<b>69.3</b>	<b>70.2</b>	<b>71.7</b>	<b>73.6</b>
Eligible for coverage <sup>1</sup> .....	26.8	38.7	58.0	61.2	63.0	64.0	65.4	67.5
Percent of paid employment.....	57.7	64.5	89.9	90.7	90.9	91.2	91.2	91.7
Coverage in effect.....	26.8	38.7	54.7	59.1	60.8	61.7	63.1	65.4
Wage and salary.....	26.8	38.7	47.9	51.9	53.8	54.8	56.3	58.6
Self-employment.....	(X)	(X)	6.8	7.2	7.0	6.9	6.8	6.9
Elective coverage not arranged <sup>2</sup> .....	(X)	(X)	3.3	2.1	2.1	2.2	2.3	2.1
<b>Not eligible for coverage <sup>3</sup>.....</b>	<b>19.6</b>	<b>21.3</b>	<b>6.5</b>	<b>6.2</b>	<b>6.3</b>	<b>6.3</b>	<b>6.4</b>	<b>6.1</b>
Agriculture.....	8.0	5.9	1.7	1.2	1.1	1.0	1.0	0.9
Wage and salary.....	2.5	1.6	0.3	0.4	0.4	0.4	0.4	0.3
Self-employment.....	5.5	4.4	1.4	0.8	0.7	0.6	0.6	0.6
Federal, State, and local government.....	3.7	5.8	2.1	2.2	2.3	2.4	2.4	2.4
Domestic service.....	2.3	2.0	0.8	0.9	1.0	0.9	1.0	0.9
Other <sup>4</sup> .....	5.6	7.5	1.9	1.9	2.0	2.0	2.0	1.9

X Not applicable. <sup>1</sup> Includes railroad employees and all members of the Armed Forces.

<sup>2</sup> Persons whose coverage was authorized by Federal law on an elective (generally group) basis but not in effect (chiefly employees of State and local governments).

<sup>3</sup> Beginning 1951, some persons in these groups became eligible for coverage; others were still not eligible for coverage, such as employees of the Federal Government with civil service retirement coverage, or where coverage depends on having minimum earnings (for example, farm employment and self-employment).

<sup>4</sup> Consists chiefly of nonagricultural self-employment and employees of nonprofit organizations.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement to the Social Security Bulletin*.

No. 410. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—ACCOUNTS ESTABLISHED, EMPLOYERS REPORTING, AND COVERED EMPLOYMENT: 1940 TO 1966

[Beginning 1955, includes Puerto Rico and Virgin Islands; and beginning 1963, American Samoa and Guam. Quarterly estimates of employment and earnings exclude self-employment and agricultural labor. Excludes joint coverage under the railroad retirement and old-age, survivors, disability, and health insurance programs. See also *Historical Statistics, Colonial Times to 1957*, series II 118-120]

YEAR OR QUARTER	Social security accounts established <sup>1</sup>	Employers reporting taxable wages <sup>2</sup>	Workers during period <sup>3</sup>	COVERED EMPLOYMENT			
				All earnings <sup>4</sup>		Reported taxable earnings <sup>5</sup>	
				Total	Average per worker	Total	Average per reported worker <sup>6</sup>
	1,000	1,000	1,000	Mil. dol.	Dollars	Mil. dol.	Dollars
1940.....	5,227	2,500	35,393	35,668	1,008	32,974	932
1945.....	3,321	2,614	46,392	71,560	1,543	62,945	1,357
1950.....	2,891	3,345	48,283	109,804	2,274	87,498	1,812
1955.....	4,323	5,050	65,203	196,100	3,008	157,541	2,416
1960.....	3,415	5,270	72,530	265,200	3,656	206,981	2,854
1963.....	8,617	5,450	75,537	302,400	4,002	225,470	2,985
1964.....	5,623	5,510	77,700	323,600	4,165	236,300	3,041
1965 (prel.).....	6,130	5,590	80,500	348,000	4,323	252,500	3,137
Jan.-Mar. (prel.).....	1,162	4,410	60,500	71,000	1,173	69,700	1,152
1966: Jan.-Mar. (prel.).....	1,539	4,420	63,000	78,900	1,251	78,000	1,237

<sup>1</sup> As of Nov. 25, 1966, 172.3 million account numbers had been issued under the social security system and until June 30, 1963, 2.8 million under the railroad retirement system. After that date all account numbers were issued under the social security system. Beginning 1962, includes special issuance of account numbers under the Internal Revenue Service Tax Registration Program.

<sup>2</sup> Annual data represent number of different employers filing returns for year; quarterly data, number of returns for quarter. A return may relate to more than 1 establishment if employer operates several separate establishments but reports for concern as a whole.

<sup>3</sup> Annual data represent persons reported; quarterly data include estimates of wage and salary workers who received taxable limit in previous quarter of calendar year from a given employer. See footnotes 5 and 6.

<sup>4</sup> Includes estimates of nonreportable earnings in excess of annual taxable limit. See footnote 5.

<sup>5</sup> Wages up to taxable limit from each employer and self-employment income. For annual taxable limit on wages from a given employer or on self-employment income, see table 419.

<sup>6</sup> A worker is not reported for a quarter if he has attained annual taxable limit in an earlier quarter of the year from a given employer.

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Periodically in *Social Security Bulletin*.



**NO. 411. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE BENEFITS IN CURRENT-PAYMENT STATUS, AND ENROLLMENT UNDER MEDICARE, STATES AND OTHER AREAS: 1966**

[Number of benefits and persons enrolled as of June 30; payments for year ending June 30. By beneficiary's State of residence]

STATE OR OTHER AREA	NUMBER OF BENEFITS		Total payments \$1,000	MONTHLY BENEFITS (\$1,000)		PERSONS ENROLLED UNDER MEDICARE (1,000)		
	Old-age and survivors insurance <sup>1</sup>	Disability insurance <sup>2</sup>		Old-age and survivors insurance <sup>1 3</sup>	Disability insurance <sup>2 3</sup>	Hospital insurance	Medical insurance	Hospital and medical insurance
<b>Total</b> .....	<b>19,850,616</b>	<b>1,886,644</b>	<b>19,791,188</b>	<b>18,071,458</b>	<b>1,719,730</b>	<b>4 18,859</b>	<b>4 17,612</b>	<b>4 17,582</b>
Ala.....	331,945	49,515	284,502	245,192	39,310	296	280	279
Alaska.....	8,409	723	7,574	6,930	644	6	5	4
Ariz.....	140,721	18,593	146,353	128,705	17,648	121	113	113
Ark.....	229,217	31,201	187,086	163,352	23,734	217	201	201
Calif.....	1,646,907	141,358	1,714,022	1,570,930	143,092	1,608	1,514	1,511
Colo.....	174,852	14,543	169,605	156,162	13,443	175	167	166
Conn.....	275,583	18,289	307,163	287,594	19,569	271	262	262
Del.....	44,287	4,288	46,480	42,344	4,136	42	40	40
D.C.....	63,749	5,857	60,522	54,933	5,589	67	62	60
Fla.....	765,584	71,748	776,986	711,249	65,737	712	680	679
Ga.....	359,079	62,387	314,959	267,024	47,935	330	302	301
Hawaii.....	45,588	4,231	42,818	39,022	3,796	37	36	36
Idaho.....	70,653	5,509	67,752	62,780	4,972	64	59	59
Ill.....	1,072,704	81,835	1,141,047	1,056,134	84,913	1,061	1,000	999
Ind.....	517,021	41,841	533,145	492,624	40,521	475	442	442
Iowa.....	346,011	19,084	329,204	311,480	17,724	346	328	328
Kans.....	251,955	16,399	238,641	223,289	15,352	257	225	224
Ky.....	352,614	57,506	317,903	274,261	43,642	321	303	302
La.....	282,114	47,972	253,125	216,467	36,658	276	256	256
Maine.....	121,791	9,346	114,473	106,438	8,035	116	111	111
Md.....	270,192	22,048	270,180	248,734	21,446	258	236	234
Mass.....	597,639	40,714	630,952	589,703	41,249	615	593	591
Mich.....	817,236	68,771	890,344	819,711	70,633	726	691	691
Minn.....	401,060	22,378	377,542	357,060	20,482	393	371	370
Miss.....	232,648	32,300	172,724	149,989	22,735	208	184	184
Mo.....	528,540	45,483	508,100	467,007	41,093	534	490	490
Mont.....	72,482	5,785	72,266	66,956	5,310	67	64	64
Nebr.....	173,757	9,547	161,237	152,682	8,555	176	163	163
Nev.....	26,612	2,331	27,601	25,218	2,383	24	23	23
N.H.....	78,569	5,045	79,004	74,075	4,929	76	70	70
N.J.....	677,095	49,131	746,151	694,310	51,841	648	625	624
N. Mex.....	73,106	10,536	64,111	56,457	7,654	62	57	57
N.Y.....	1,913,282	147,526	2,083,661	1,930,665	152,996	1,896	1,816	1,814
N.C.....	447,405	64,638	385,653	334,927	50,726	371	346	345
N. Dak.....	68,971	4,246	61,322	58,081	3,241	64	59	59
Ohio.....	1,004,649	91,324	1,062,639	973,333	89,306	959	901	900
Okla.....	268,090	31,386	247,065	220,477	26,588	273	255	254
Oreg.....	223,281	17,590	230,433	213,017	17,416	206	192	192
Pa.....	1,269,341	114,296	1,369,604	1,250,591	119,013	1,221	1,153	1,151
R.I.....	101,865	8,154	107,354	99,163	8,191	99	94	94
S.C.....	211,403	37,445	183,477	154,628	28,849	173	159	159
S. Dak.....	81,922	4,652	72,228	68,475	3,753	78	73	73
Tenn.....	379,796	49,729	321,837	282,225	39,612	352	331	330
Tex.....	922,180	93,460	814,996	737,238	77,758	877	837	836
Utah.....	76,241	5,763	76,084	70,690	5,394	69	65	65
Vt.....	48,267	4,425	46,493	42,678	3,815	47	45	45
Va.....	361,561	52,875	336,988	293,742	43,246	327	303	301
Wash.....	318,117	23,376	330,536	307,130	23,406	302	284	283
W. Va.....	219,083	49,794	228,809	187,516	41,293	190	180	180
Wis.....	481,158	31,954	484,515	453,536	30,979	451	427	427
Wyo.....	30,904	2,250	30,225	28,105	2,120	29	27	27
P.R.....	200,340	29,637	105,196	93,228	11,968	138	92	92
Outlying areas.....	3,177	152	1,903	1,797	106	3	3	3
Foreign countries.....	169,863	5,678	156,598	151,404	5,194	133	10	10

<sup>1</sup> Benefits payable from the old-age and survivor insurance trust fund to retired-worker beneficiaries and their dependents and to survivors of deceased workers.

<sup>2</sup> Benefits payable from the disability insurance trust fund to disabled-worker beneficiaries and their dependents.

<sup>3</sup> Distribution by State or other area estimated. Old-age and survivors insurance includes lump-sum death payments.

<sup>4</sup> Includes some persons not distributed by State.

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Periodically in *Social Security Bulletin*.

**NO. 412. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—BENEFITS,  
BY TYPE OF BENEFICIARY: 1940 TO 1966**

[See also *Historical Statistics, Colonial Times to 1957*, series H 125-136]

ITEM AND YEAR	Total	Retired workers <sup>1</sup>	Dis- abled workers <sup>2</sup>	Wives and hus- bands <sup>1,3</sup>	Chil- dren <sup>4</sup>	Widowed mothers <sup>5</sup>	Widows and wid- owers <sup>1,6</sup>	Par- ents <sup>1</sup>
<b>BENEFITS IN CURRENT-PAY- MENT STATUS,<sup>7</sup> END OF YEAR</b>								
<b>Number (1,000):</b>								
1940.....	222	112	(X)	30	55	20	4	1
1950.....	3,477	1,771	(X)	508	700	169	314	15
1955.....	7,961	4,474	(X)	1,192	1,276	292	701	25
1960.....	14,845	8,061	455	2,346	2,000	401	1,544	36
1963.....	19,035	10,263	827	2,749	2,687	462	2,011	37
1964.....	19,800	10,669	894	2,783	2,787	471	2,159	36
1965.....	20,867	11,101	988	2,807	3,093	472	2,371	35
1966 <sup>8</sup> .....	22,767	11,658	1,097	2,860	3,393	488	2,602	35
<b>Total monthly amount (1,000):</b>								
1940.....	\$4,070	\$2,539	(X)	\$361	\$668	\$402	\$90	\$11
1950.....	126,857	77,678	(X)	11,995	19,366	5,801	11,481	535
1955.....	411,613	276,942	(X)	39,416	46,444	13,403	34,152	1,256
1960.....	936,321	596,849	\$40,668	90,503	93,275	23,795	89,054	2,178
1963.....	1,259,912	789,064	74,922	108,481	123,052	27,438	134,403	2,552
1964.....	1,325,445	827,548	81,473	110,549	128,898	27,954	146,476	2,547
1965.....	1,516,802	931,532	96,599	120,796	159,428	30,882	174,883	2,683
1966 <sup>8</sup> .....	1,638,548	983,338	107,627	123,262	175,100	31,983	192,821	2,642
<b>Average monthly benefit, current dollars:</b>								
1940.....	(X)	22.60	(X)	12.13	(X)	19.61	20.28	13.09
1950.....	(X)	43.86	(X)	23.60	(X)	34.24	36.54	36.69
1955.....	(X)	61.90	(X)	33.07	(X)	45.91	48.69	49.93
1960.....	(X)	74.04	89.31	38.72	(X)	59.29	57.68	60.31
1963.....	(X)	76.88	90.59	39.94	(X)	59.43	66.84	69.11
1964.....	(X)	77.57	91.12	39.72	(X)	59.40	67.85	70.05
1965.....	(X)	83.92	97.76	43.04	(X)	65.45	73.75	76.03
1966.....	(X)	84.35	98.09	43.10	(X)	65.57	74.10	76.48
<b>Average monthly benefit, 1966 dollars:</b>								
1940.....	(X)	52.79	(X)	28.33	(X)	45.81	47.37	30.58
1950.....	(X)	57.76	(X)	31.08	(X)	45.09	48.12	48.31
1955.....	(X)	75.93	(X)	40.57	(X)	56.32	59.73	61.25
1960.....	(X)	81.74	98.60	42.75	(X)	65.46	63.68	66.58
1963.....	(X)	81.95	96.57	42.58	(X)	63.35	71.25	73.67
1964.....	(X)	81.77	96.06	41.87	(X)	62.62	71.53	73.84
1965.....	(X)	86.72	101.02	44.48	(X)	67.63	76.21	78.57
1966.....	(X)	84.35	98.09	43.10	(X)	65.57	74.10	76.48
<b>BENEFITS AWARDED DURING YEAR</b>								
<b>Number of beneficiaries (1,000):</b>								
1940.....	255	132	(X)	35	59	23	5	1
1950.....	963	567	(X)	163	123	41	67	2
1955.....	1,658	910	(X)	289	239	76	141	4
1960.....	2,336	982	208	394	416	93	239	5
1963.....	2,730	1,146	224	412	561	105	279	4
1964.....	2,552	1,042	208	376	534	106	283	3
1965.....	3,072	1,183	254	390	783	100	359	3
1966 <sup>8</sup> .....	4,723	1,648	279	478	1,056	107	404	3

X Not applicable.

<sup>1</sup> Persons aged 65 and over (and aged 62 to 64, beginning 1956 for women and 1961 for men).

<sup>2</sup> July 1957–October 1960, disabled workers aged 50 to 64; thereafter, disabled workers under age 65.

<sup>3</sup> Beginning 1950, includes wife beneficiaries under age 65 with entitled children in their care and, beginning September 1965, entitled divorced wives.

<sup>4</sup> Beginning 1957, includes disabled persons aged 18 and over whose disability began before age 18 and, beginning September 1965, entitled full-time students aged 18 to 21.

<sup>5</sup> Beginning 1950, includes surviving divorced mothers with entitled children in their care.

<sup>6</sup> Beginning September 1965, includes widows aged 60 to 61 and surviving divorced wives aged 60 and over.

<sup>7</sup> Benefit payment actually being made at a specified time.

<sup>8</sup> Includes persons with special benefits (persons aged 72 and over who are not insured under regular or transitional provisions of the Social Security Act), not shown separately.

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Periodically in *Social Security Bulletin*.

### No. 413. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—AMOUNT OF CASH BENEFIT PAYMENTS: 1940 TO 1966

[In millions of dollars. Payments under 1939 and later amendments, except as noted. Corrected to February 1967. See *Historical Statistics, Colonial Times to 1957*, series H 123, for total payments]

TYPE	1940	1950	1955	1960	1964	1965	1966
Total payments.....	135	961	4,968	11,245	16,223	18,311	20,048
Monthly benefits <sup>2</sup> .....	24	928	4,855	11,081	16,007	18,094	19,811
Retired workers.....	15	557	3,253	7,053	9,854	10,984	11,728
Disabled workers.....	(X)	(X)	(X)	489	1,044	1,246	1,394
Wives and husbands.....	2	88	466	1,083	1,356	1,478	1,537
Children.....	4	142	561	1,085	1,611	1,922	2,307
Widowed mothers.....	2	49	163	286	354	388	415
Widows and widowers.....	(Z)	89	396	1,057	1,754	2,041	2,351
Parents.....	(Z)	3	16	28	33	35	35
Persons with special age-72 benefits <sup>3</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	44
Lump sum.....	12	33	113	164	216	217	237

X Not applicable. Z Less than \$500,000.

<sup>1</sup> Includes lump-sum payments under 1935 act in the amount of \$3,247,000, payable with respect to workers who died before January 1940.

<sup>2</sup> Distribution by type estimated.

<sup>3</sup> Special benefits authorized by Public Law 89-368 for persons aged 72 and over who are not insured under the regular or transitional provisions of the Social Security Act.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement to the Social Security Bulletin*.

### No. 414. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—MONTHLY BENEFITS FOR SELECTED FAMILY GROUPS: 1940 TO 1965

[Number in current-payment status at end of year, except as noted. Estimated for 1940; based on sample thereafter. See also *Historical Statistics, Colonial Times to 1957*, series H 137-148]

FAMILY GROUPS	FAMILIES (1,000)					AVERAGE MONTHLY AMOUNT (dollars)				
	1940	1950	1960	1964	1965	1940	1950	1960	1964	1965
<b>RETIRED-WORKER FAMILIES</b>										
Worker only:										
Male.....	65	939	2,922	3,998	4,141	22.80	44.60	79.90	83.60	90.50
Female.....	12	301	2,820	3,984	4,249	18.40	34.80	59.60	64.30	70.90
Worker and wife, aged 62 and over <sup>1</sup> .....	30	498	2,122	2,392	2,399	36.40	71.70	123.90	130.70	141.50
Worker, wife (under age 65 <sup>2</sup> ) and 1 child.....	-	5	69	103	99	-	68.40	157.80	154.40	165.10
<b>SURVIVOR FAMILIES</b>										
Aged widow only.....	4	314	1,527	2,129	2,332	20.30	36.50	57.70	67.90	73.90
Widowed mother and 1 child.....	10	82	172	191	182	33.90	76.90	131.70	141.60	153.00
1 child only.....	3	115	296	321	392	13.00	35.20	58.50	64.30	71.50
2 children only.....	2	47	107	113	141	25.10	60.00	122.50	130.80	149.10
1 aged dependent parent.....	1	13	32	33	32	13.20	36.80	60.90	70.60	76.70
<b>DISABLED-WORKER FAMILIES</b>										
Worker only:										
Male.....	(X)	(X)	261	446	481	(X)	(X)	91.90	93.80	100.70
Female.....	(X)	(X)	96	203	232	(X)	(X)	76.90	79.30	85.00
Worker, wife (under age 65 <sup>2</sup> ) and 1 child.....	(X)	(X)	22	50	54	(X)	(X)	184.70	187.70	201.00

- Represents zero. X Not applicable.

<sup>1</sup> Excludes wife aged 62 to 64 with entitled children in her care.

<sup>2</sup> With entitled children in her care.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement to the Social Security Bulletin*.



**No. 415. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—NUMBER AND AGE OF PERSONS RECEIVING RETIREMENT BENEFITS, BY SEX: 1940 TO 1965**

[As of end of year. See also *Historical Statistics, Colonial Times to 1957*, series H 156-161]

YEAR	MALE						FEMALE					
	Number (1,000)	Average age	Percent <sup>1</sup>				Number (1,000)	Average age	Percent <sup>1</sup>			
			62 to 64 years old	65 to 69 years old	70 to 74 years old	75 years and over			62 to 64 years old	65 to 69 years old	70 to 74 years old	75 years and over
1940.....	99	68.8	(X)	74.4	17.4	8.2	13	68.1	(X)	82.6	12.8	4.5
1945.....	447	71.7	(X)	39.9	40.2	19.8	71	70.8	(X)	47.1	40.0	12.8
1950.....	1,469	72.2	(X)	39.1	33.7	27.3	302	71.1	(X)	48.4	32.9	18.7
1955.....	3,252	72.7	(X)	35.7	34.8	29.5	1,222	71.3	(X)	47.8	32.3	19.8
1956.....	3,572	72.9	(X)	34.2	35.2	30.6	1,540	70.9	7.3	42.5	30.7	19.5
1957.....	4,198	72.9	(X)	34.9	34.2	30.9	1,999	70.5	13.3	39.7	28.2	18.9
1958 <sup>2</sup> .....	4,617	73.0	(X)	33.9	34.3	31.8	2,303	70.7	13.0	38.3	28.7	20.0
1959.....	4,937	73.1	(X)	34.0	33.7	32.4	2,589	70.8	12.9	37.3	28.8	21.0
1960.....	5,217	73.2	(X)	33.8	33.1	33.2	2,845	71.0	12.6	36.3	29.0	22.2
1961.....	5,765	72.8	4.1	32.7	31.0	32.1	3,160	71.1	13.0	35.4	28.5	23.0
1962.....	6,244	72.7	6.5	31.4	30.4	31.7	3,494	71.2	13.3	34.3	28.5	23.9
1963.....	6,497	72.7	7.0	30.9	29.8	32.3	3,766	71.4	13.0	33.5	28.3	25.2
1964.....	6,657	72.8	7.2	30.0	29.7	33.1	4,011	71.6	12.9	32.3	28.1	26.6
1965.....	6,825	72.9	6.9	29.7	29.5	33.9	4,276	71.8	12.2	31.6	28.1	28.1

X Not applicable. <sup>1</sup> Age at birthday in stated year. <sup>2</sup> As of end of November.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement to the Social Security Bulletin*.

**No. 416. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—FULL AND REDUCED BENEFITS TO RETIRED WORKERS, BY SEX: 1956 TO 1966**

[Benefits in current-payment status, end of year. For both men and women, full benefits begin at age 65; reduced benefits at age 62. Reduced benefits became payable for women in November 1956, for men in August 1961. See also *Historical Statistics, Colonial Times to 1957*, series H 125 and H 129-131]

YEAR AND SEX	NUMBER OF BENEFITS				AVERAGE MONTHLY BENEFIT (dollars)			
	Total <sup>1</sup> (1,000)	Full <sup>1</sup> (1,000)	Reduced (1,000)	Percent reduced	Total <sup>1</sup>	Full <sup>1</sup>	Reduced <sup>2</sup>	
							Before reduction	After reduction
<b>TOTAL</b>								
1956.....	5,112	4,997	115	2.2	63.09	63.43	53.64	48.17
1960.....	8,061	7,112	949	11.8	74.04	76.47	64.19	55.78
1962.....	9,739	7,648	2,091	21.5	76.19	80.10	70.69	61.88
1963.....	10,263	7,662	2,601	25.3	76.88	81.49	72.39	63.31
1964.....	10,669	7,599	3,070	28.8	77.57	82.92	73.66	64.32
1965.....	11,101	7,581	3,519	31.7	83.92	90.12	(NA)	70.56
1966.....	11,658	7,635	4,024	34.4	84.35	91.06	(NA)	71.64
<b>MALE</b>								
1956.....	3,572	3,572	(X)	(X)	68.23	68.23	(X)	(X)
1960.....	5,217	5,217	(X)	(X)	81.87	81.87	(X)	(X)
1962.....	6,244	5,587	657	10.5	83.79	85.26	80.03	71.24
1963.....	6,497	5,552	945	14.6	84.69	86.81	81.63	72.21
1964.....	6,657	5,460	1,197	18.0	85.58	88.37	82.72	72.85
1965.....	6,825	5,389	1,436	21.0	92.59	96.12	(NA)	79.35
1966.....	7,033	5,333	1,700	24.2	93.27	97.38	(NA)	80.38
<b>FEMALE</b>								
1956.....	1,540	1,425	115	7.5	51.16	51.41	53.64	48.17
1960.....	2,845	1,896	949	33.4	59.67	61.61	64.19	55.78
1962.....	3,494	2,060	1,434	41.0	62.61	66.10	66.41	57.59
1963.....	3,766	2,111	1,655	44.0	63.42	67.48	67.11	58.23
1964.....	4,011	2,138	1,873	46.7	64.28	69.01	67.88	58.87
1965.....	4,276	2,192	2,083	48.7	70.07	75.36	(NA)	64.50
1966.....	4,626	2,301	2,324	50.2	70.80	76.41	(NA)	65.24

NA Not available. X Not applicable. <sup>1</sup> Includes disability beneficiaries who attained age 65.

<sup>2</sup> Benefit amounts reflect any recomputations at age 65 to adjust for months after entitlement in which reduced benefits were not paid because of work or for other reasons. Before reduction, data are estimated.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; periodically in *Social Security Bulletin*.

No. 417. LONG-TERM DISABILITY BENEFITS—NUMBER OF PERSONS RECEIVING CASH PAYMENTS FROM PUBLIC INCOME-MAINTENANCE PROGRAMS: 1939 TO 1965

[In thousands, except percent. As of December. Covers persons aged 14-64 with physical or mental disease or impairments that, for more than 6 months, have prevented them from working or following their normal activities on a regular basis]

SOURCE OF PAYMENT	1939	1949	1959	1961	1963	1964	1965
Total disabled.....	2,300	2,700	3,100	3,200	3,300	3,350	3,400
Number receiving payments.....	290	490	1,290	1,500	1,790	1,915	2,080
Percent of total.....	12.6	18.1	41.6	46.9	54.2	57.2	61.2
Federal employee retirement.....	40	80	135	145	165	170	180
State and local government employee retirement.....	10	20	35	45	50	50	55
Workmen's compensation.....	45	60	75	75	75	75	75
Veterans' compensation and pension programs <sup>1</sup> .....	160	275	330	280	275	285	315
Railroad retirement.....	15	40	45	45	40	40	40
Old-age, survivors, disability, and health insurance: <sup>2</sup>							
Worker disability.....	(X)	(X)	335	620	825	895	990
Childhood disability.....	(X)	(X)	80	125	165	185	200
Public assistance:							
Aid to the blind.....	40	50	55	50	60	60	60
Aid to the permanently and totally disabled <sup>3</sup> .....	(X)	(X)	340	385	465	510	560

X Not applicable.  
<sup>1</sup> Payments to veterans reported as having disability ratings of 70 percent or more.  
<sup>2</sup> Worker disability program initiated in 1957; childhood disability (disabled children of disabled workers) in 1958.  
<sup>3</sup> Program initiated October 1950.  
Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, October 1964, and unpublished data.

No. 418. PROTECTION AGAINST INCOME LOSS FROM SHORT-TERM SICKNESS: 1950 TO 1965

[In millions of dollars, except percent. "Short-term sickness" refers to temporary non-work-connected disability lasting not more than 6 months and to the first 6 months of long-term disability]

ITEM	1950	1955	1960	1962	1963	1964	1965
Income loss from short-term sickness.....	4,795	6,546	8,555	9,622	10,178	10,236	11,228
Total protection provided <sup>1</sup> .....	940	1,615	2,418	2,752	2,984	3,078	3,311
Protection as percent of loss.....	19.6	24.7	28.3	28.6	29.3	30.1	29.5
Benefits provided by protection:							
Individual insurance.....	153	250	393	418	447	484	482
Group benefits to workers in private employment.....	472	820	1,198	1,335	1,427	1,468	1,581
Private cash sickness insurance and self-insurance <sup>2</sup> .....	231	442	638	668	670	711	759
Public operated cash sickness funds <sup>3</sup> .....	63	109	172	212	244	264	269
Sick leave.....	178	268	388	455	513	492	553
Sick leave for government employees.....	315	545	827	998	1,110	1,126	1,248

<sup>1</sup> Total benefits provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees.  
<sup>2</sup> Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in California, New Jersey, and New York. Includes a small but undetermined amount of group disability insurance paid to government workers and to self-employed persons through farm, trade, or professional associations.  
<sup>3</sup> Includes State-operated plans in Rhode Island, California, and New Jersey; the State Insurance Fund and the special fund for the disabled unemployed in New York; and the cash sickness provisions of the Railroad Unemployment Insurance Act.  
Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, January 1967.

**No. 419. OLD-AGE, SURVIVORS, DISABILITY, AND HEALTH INSURANCE—EFFECTIVE AND SCHEDULED CONTRIBUTION RATES: 1937 TO 1987**

[Rates in percent]

PERIOD OR YEAR	Taxable earnings	EMPLOYERS AND EMPLOYEES (each)			SELF-EMPLOYED <sup>3</sup>		
		Total	OASDI <sup>1</sup>	HI <sup>2</sup>	Total	OASDI <sup>1</sup>	HI <sup>2</sup>
In effect:							
1937-1949.....	\$3,000	1.0	1.0	(X)	(X)	(X)	(X)
1950.....	3,000	1.50	1.50	(X)	(X)	(X)	(X)
1951-1953.....	3,600	1.50	1.50	(X)	2.25	2.25	(X)
1954.....	3,600	2.0	2.0	(X)	3.0	3.0	(X)
1955-1956.....	4,200	2.0	2.0	(X)	3.0	3.0	(X)
1957-1958.....	4,200	2.25	2.25	(X)	3.375	3.375	(X)
1959.....	4,800	2.50	2.50	(X)	3.75	3.75	(X)
1960-1961.....	4,800	3.0	3.0	(X)	4.50	4.50	(X)
1962.....	4,800	3.125	3.125	(X)	4.7	4.7	(X)
1963-1965.....	4,800	3.625	3.625	(X)	5.40	5.4	(X)
1966.....	6,600	4.20	3.85	.35	6.15	5.8	.35
1967.....	6,600	4.40	3.90	.50	6.40	5.9	.50
Future schedule: <sup>4</sup>							
1968.....	6,600	4.40	3.90	.50	6.40	5.9	.50
1969-1972.....	6,600	4.90	4.40	.50	7.10	6.6	.50
1973-1975.....	6,600	5.40	4.85	.55	7.55	7.0	.55
1976-1979.....	6,600	5.45	4.85	.60	7.60	7.0	.60
1980-1986.....	6,600	5.55	4.85	.70	7.70	7.0	.70
1987 and thereafter.....	6,600	5.65	4.85	.80	7.80	7.0	.80

X Not applicable. <sup>1</sup> Contribution rates for cash retirement, survivors, and disability insurance benefits.

<sup>2</sup> Contribution rates for hospital insurance for the aged, first effective in 1966.

<sup>3</sup> Self-employed persons brought under program for first time in 1951.

<sup>4</sup> According to the 1965 amendments.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Annual Statistical Supplement* to the *Social Security Bulletin*.

**No. 420. FEDERAL SOCIAL INSURANCE TRUST FUNDS: 1937 TO 1966**

[In millions of dollars. See *Historical Statistics, Colonial Times to 1967*, series H 124, for total assets]

PERIOD	NET RECEIPTS		EXPENDITURES			ASSETS, END OF YEAR		
	Contribution income and transfers <sup>1</sup>	Interest received <sup>2</sup>	Cash benefit payments	Transfers under financial interchange with railroad retirement account <sup>3</sup>	Administrative expenses <sup>4</sup>	Total	Invested in U.S. Government securities <sup>5</sup>	Cash balances
<b>Old-age and survivors insurance, 1937 to 1966.....</b>	<b>168,292</b>	<b>9,724</b>	<b>150,941</b>	<b>3,087</b>	<b>3,420</b>	<b>20,570</b>	<b>18,789</b>	<b>1,781</b>
1955.....	5,713	454	4,968	-7	119	21,663	21,102	561
1960.....	10,866	516	10,677	318	203	20,324	19,128	1,196
1964.....	15,689	569	14,914	403	296	19,125	17,758	1,367
1965.....	16,017	593	16,737	436	328	18,235	16,643	1,592
1966.....	20,658	644	18,267	444	256	20,570	18,789	1,781
<b>Disability insurance, 1957 to 1966.....</b>	<b>11,115</b>	<b>505</b>	<b>9,199</b>	<b>77</b>	<b>605</b>	<b>1,739</b>	<b>1,567</b>	<b>172</b>
1960.....	1,010	53	568	-5	36	2,289	2,180	109
1964.....	1,154	64	1,309	19	79	2,047	1,905	141
1965.....	1,188	59	1,573	24	90	1,606	1,439	168
1966.....	2,022	57	1,784	25	137	1,739	1,567	172
<b>Hospital insurance, 1966.....</b>	<b>1,895</b>	<b>31</b>	<b>891</b>	<b>-16</b>	<b>107</b>	<b>944</b>	<b>912</b>	<b>32</b>
<b>Supplementary medical insurance, 1966.....</b>	<b>6322</b>	<b>2</b>	<b>128</b>	<b>-</b>	<b>74</b>	<b>122</b>	<b>119</b>	<b>3</b>

- Represents zero. <sup>1</sup> January 1937-June 1940, equals appropriations transferred; July 1940-December 1950, taxes collected; beginning 1951, amounts appropriated. Beginning May 1951, includes State deposits under voluntary coverage agreements. Beginning 1952, for old-age and survivors insurance, 1959 for disability, and 1966 for hospital and military wage credits, includes deductions for refund of employee tax overpayment.

<sup>2</sup> Includes interest and profit on investments. <sup>3</sup> Transfers to trust funds represented by negative figures.

<sup>4</sup> Represents net expenditures for administration. <sup>5</sup> Book value.

<sup>6</sup> Represents voluntary premium payments from and in behalf of insured persons.

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Based on data from Treasury Dept.



**No. 421. CORPORATE PENSION FUNDS—ASSETS, RECEIPTS, AND EXPENDITURES:  
1955 TO 1966**

[In millions of dollars. Covers all corporate pension plans except those administered by insurance companies and labor unions. Excludes plans of religious, educational, and other nonprofit organizations]

ITEM	1955	1960	1962	1963	1964	1965	1966
<b>Assets (book value, end of year)-----</b>	<b>14,889</b>	<b>30,343</b>	<b>38,233</b>	<b>42,427</b>	<b>47,285</b>	<b>52,890</b>	<b>58,661</b>
Cash and deposits-----	358	431	542	585	687	710	664
U.S. Government securities-----	2,651	2,142	2,354	2,426	2,461	2,410	2,165
Corporate bonds-----	7,434	14,687	16,718	18,054	19,455	20,741	22,423
Preferred stock-----	534	696	667	627	570	656	697
Common stock-----	3,158	10,161	14,901	17,122	19,679	23,153	26,693
Own company-----	435	886	1,184	1,335	1,468	1,712	1,957
Other companies-----	2,723	9,275	13,717	15,787	18,211	21,441	24,736
Mortgages-----	203	921	1,376	1,638	2,080	2,572	2,862
Other assets-----	550	1,305	1,675	1,975	2,353	2,648	3,157
<b>Receipts-----</b>	<b>2,712</b>	<b>4,709</b>	<b>5,356</b>	<b>5,707</b>	<b>6,573</b>	<b>7,606</b>	<b>8,258</b>
Employer contributions-----	1,892	3,016	3,263	3,358	3,804	4,368	4,812
Employee contributions-----	230	419	469	499	521	581	607
Interest, dividends, and rent-----	484	1,141	1,443	1,611	1,834	2,111	2,337
Net profit or loss on sale of assets-----	94	101	138	201	378	505	446
Other income-----	12	32	53	38	37	40	56
<b>Expenditures-----</b>	<b>474</b>	<b>1,057</b>	<b>1,437</b>	<b>1,561</b>	<b>1,751</b>	<b>2,040</b>	<b>2,402</b>
Benefits paid out-----	459	1,027	1,391	1,517	1,705	1,990	2,342
Expenses and other disbursements-----	115	30	46	44	47	50	60
<b>Net receipts-----</b>	<b>2,238</b>	<b>3,651</b>	<b>3,919</b>	<b>4,147</b>	<b>4,822</b>	<b>5,566</b>	<b>5,856</b>

<sup>1</sup> Excludes other disbursements.

Source: Securities and Exchange Commission; annual release, *Private Noninsured Pension Funds*.

**No. 422. PRIVATE PENSION AND DEFERRED PROFIT-SHARING PLANS—SUMMARY:  
1940 TO 1965**

[Includes pay-as-you-go, multiemployer, union-administered, and nonprofit organization plans, and railroad plans supplementing the Federal railroad retirement program. Plans are classified as insured and noninsured, the former underwritten by insurance companies and the latter generally funded through trustees. See also *Historical Statistics, Colonial Times to 1957*, series X 483-500]

ITEM	1940	1950	1955	1960	1961	1962	1963	1964	1965
<b>Coverage <sup>1 2</sup>-----</b>	<b>4,100</b>	<b>9,800</b>	<b>15,400</b>	<b>21,200</b>	<b>22,260</b>	<b>23,100</b>	<b>23,800</b>	<b>24,600</b>	<b>25,400</b>
Insured plans-----1,000--	(NA)	2,600	3,800	4,900	5,100	5,200	5,400	6,000	6,300
Noninsured plans-----1,000--	(NA)	7,200	11,600	16,300	17,100	17,900	18,400	18,600	19,100
<b>Contributions:</b>									
Employer-----mil. dol--	180	1,750	3,280	4,690	4,770	5,020	5,260	5,900	6,660
Insured plans-----mil. dol--	(NA)	720	1,100	1,190	1,180	1,240	1,350	1,470	1,680
Noninsured plans-----mil. dol--	(NA)	1,030	2,180	3,500	3,590	3,780	3,910	4,430	4,980
Employee-----mil. dol--	130	330	560	790	810	860	920	990	1,090
Insured plans-----mil. dol--	(NA)	200	280	300	290	310	340	370	420
Noninsured plans-----mil. dol--	(NA)	130	280	490	520	550	580	620	670
<b>Number of monthly beneficiaries <sup>1</sup>-----</b>	<b>160</b>	<b>450</b>	<b>980</b>	<b>1,780</b>	<b>1,910</b>	<b>2,100</b>	<b>2,280</b>	<b>2,490</b>	<b>2,750</b>
Insured plans-----1,000--	(NA)	150	290	540	570	630	690	740	790
Noninsured plans-----1,000--	(NA)	300	690	1,240	1,340	1,470	1,590	1,750	1,960
<b>Amount of benefit payments <sup>3</sup></b>									
-----mil. dol--	140	370	850	1,750	1,960	2,250	2,460	2,760	3,180
Insured plans-----mil. dol--	(NA)	80	180	390	450	510	570	640	720
Noninsured plans <sup>3</sup> -----mil. dol--	(NA)	290	670	1,360	1,510	1,740	1,890	2,120	2,460
<b>Reserves <sup>1</sup>-----</b>	<b>2.4</b>	<b>12.1</b>	<b>27.5</b>	<b>52.0</b>	<b>57.8</b>	<b>63.5</b>	<b>69.9</b>	<b>77.2</b>	<b>85.4</b>
Insured plans-----bil. dol--	(NA)	5.6	11.3	18.8	20.2	21.6	23.3	25.2	27.3
Noninsured plans-----bil. dol--	(NA)	6.5	16.1	33.1	37.5	41.9	46.5	51.9	58.1

NA Not available.

<sup>1</sup> As of end of year.

<sup>2</sup> Excludes annuitants.

<sup>3</sup> Includes refunds to employees and their survivors; also lump sums under deferred profit-sharing plans.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, April 1967.

**No. 423. CIVIL SERVICE RETIREMENT: 1950 TO 1966**

[As of June 30 or for years ending June 30. See text, p. 281]

YEAR	ANNUITIES					LUMP-SUM PAYMENTS					
	Number certified (1,000)	Number terminated (1,000)	Number in force (1,000)		Annual value (mil. dol.)	Separated employees <sup>1</sup>		Deceased employees <sup>2</sup>		Deceased annuitants <sup>3</sup>	
			Total	Disa- bility		Num- ber	Amount (\$1,000)	Num- ber	Amount (\$1,000)	Num- ber	Amount (\$1,000)
1950.....	33	9	172	43	182	239,151	88,194	4,859	3,712	6,827	4,194
1955.....	42	15	297	61	358	100,868	73,310	3,738	5,709	8,035	3,551
1960.....	65	26	515	102	792	152,739	114,224	3,957	7,760	9,051	3,572
1964.....	79	34	688	139	1,240	127,556	108,154	4,489	9,691	15,572	6,015
1965.....	78	37	729	149	1,354	120,569	112,488	4,870	10,158	15,281	7,301
1966.....	105	38	796	161	1,688	128,589	139,238	4,826	11,188	14,870	7,463

<sup>1</sup> Refunds paid to employees not eligible for an annuity or who, if eligible, elected to take a refund.<sup>2</sup> Refunds paid to designated or other beneficiaries.<sup>3</sup> Refunds of balance of amount to annuitants' credit at time of death paid to designated or other beneficiaries of annuitants. Includes refunds to disability annuitants, whose entitlement to an annuity was terminatedSource: Civil Service Commission; annual report, *Report on Civil Service Retirement, Federal Employee Group Life Insurance, Federal Employee Health Benefits and Retired Federal Employee Health Benefits*.**No. 424. STATE AND LOCAL GOVERNMENT RETIREMENT: 1962**

[Last month of fiscal year, except as indicated]

COVERAGE CLASS	Number of systems	Member-ship	RECURRENT BENEFITS			CASH AND SECURITY HOLDINGS, END OF FISCAL YEAR	
			Number of beneficiaries	Amount (\$1,000)	Average per beneficiary	Amount (mil. dol.)	Average per member
<b>Total.....</b>	<b>2,346</b>	<b>5,367,226</b>	<b>739,077</b>	<b>101,418</b>	<b>\$137</b>	<b>23,294</b>	<b>\$4,340</b>
<b>General coverage systems.....</b>	<b>503</b>	<b>3,044,731</b>	<b>358,018</b>	<b>40,603</b>	<b>113</b>	<b>12,113</b>	<b>3,978</b>
State-administered.....	53	2,332,743	230,410	23,063	100	7,661	3,284
Locally administered.....	450	711,988	127,608	17,540	137	4,452	6,252
<b>Limited coverage systems.....</b>	<b>1,843</b>	<b>2,322,495</b>	<b>381,059</b>	<b>60,814</b>	<b>160</b>	<b>11,181</b>	<b>4,814</b>
Covering school employees.....	70	1,998,993	241,254	38,239	159	9,353	4,679
State-administered.....	39	1,835,780	200,343	29,508	147	7,436	4,051
Locally administered.....	31	163,213	40,911	8,731	213	1,916	11,739
Covering police and firemen.....	1,651	227,156	115,925	19,668	170	1,252	5,510
State-administered.....	34	40,352	11,067	1,561	141	238	5,898
Locally administered.....	1,617	186,804	104,858	18,107	173	1,013	5,423
<b>Other limited coverage systems.....</b>	<b>122</b>	<b>96,346</b>	<b>23,880</b>	<b>2,907</b>	<b>122</b>	<b>576</b>	<b>5,982</b>
State-administered.....	44	47,001	4,823	931	193	210	4,469
Locally administered.....	78	49,345	19,057	1,976	104	366	7,423

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. VI, No. 1, *Employee-Retirement Systems of State and Local Governments*.**No. 425. FINANCES OF STATE AND LOCAL GOVERNMENT RETIREMENT: 1964 TO 1966**

[In millions of dollars. For fiscal years closed during the 12 months ended June 30]

YEAR AND TYPE OF SYSTEM	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings, end of fiscal year
	Total	Em- ployee contri- butions	Government contributions		Earn- ings on invest- ments	Total	Benefits	With- drawals	
			State	Local					
All systems:									
1964-----	4,787	1,466	949	1,307	1,065	1,844	1,518	326	28,639
1965-----	5,260	1,626	1,036	1,382	1,216	2,008	1,686	323	31,814
1966-----	5,771	1,771	1,151	1,479	1,370	2,219	1,859	359	35,262
State-administered:									
1964-----	3,279	1,093	910	541	734	1,125	877	248	19,726
1965-----	3,632	1,208	994	582	849	1,238	995	243	22,093
1966-----	4,026	1,345	1,108	604	969	1,397	1,114	282	24,660
Locally administered:									
1964-----	1,508	373	39	766	330	719	640	79	8,913
1965-----	1,628	418	42	800	368	770	690	80	9,721
1966-----	1,744	426	43	876	400	822	745	77	10,602

Source: Dept. of Commerce, Bureau of the Census; annual report, *Finances of Employee-Retirement Systems of State and Local Governments in 1965-66, and in 1964-65*.

## No. 426. RAILROAD RETIREMENT AND SURVIVOR BENEFITS, BY CLASS: 1940 TO 1966

[For years ending June 30]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966
Average number of employees.....1,000..	1, 177	1, 682	1, 360	1, 222	930	785	762	747
NUMBER OF BENEFITS (1,000)								
Monthly benefits awarded.....	25	22	65	106	115	91	85	104
Retirement benefits <sup>1</sup> .....	23	21	38	38	45	40	36	35
Spouse benefits <sup>2</sup> .....	(X)	(X)	(X)	21	42	21	19	41
Survivor benefits.....	2	1	27	47	28	30	29	28
Monthly benefits terminated.....	13	15	33	53	69	77	77	75
Retirement benefits <sup>1</sup> .....	12	14	21	23	31	34	34	33
Spouse benefits <sup>2</sup> .....	(X)	(X)	(X)	13	18	19	19	19
Survivor benefits.....	1	1	13	17	20	23	24	23
Monthly benefits in current-payment status at end of year.....	144	171	387	616	794	882	891	923
Retirement benefits <sup>1</sup> .....	141	167	251	310	384	424	427	429
Spouse benefits <sup>2</sup> .....	(X)	(X)	(X)	107	157	174	174	197
Survivor benefits.....	3	4	137	200	254	284	290	296
Lump-sum death benefits awarded <sup>3</sup> .....	13	20	33	24	22	23	23	20
AMOUNT OF BENEFITS (mil. dol.)								
Total.....	114	143	302	550	926	1, 096	1, 118	1, 200
Retirement benefits <sup>1</sup> .....	111	133	248	376	602	704	716	737
Spouse benefits <sup>2</sup> .....	(X)	(X)	(X)	49	110	119	118	148
Survivor benefits:								
Monthly.....	1	2	42	110	195	250	259	293
Lump sum.....	2	8	12	16	20	24	24	23

X Not applicable. <sup>1</sup> Includes retirement annuities and pensions to former carrier pensioners.<sup>2</sup> Not payable prior to 1951.<sup>3</sup> Excludes supplemental insurance lump-sum benefits.

## No. 427. RAILROAD UNEMPLOYMENT AND SICKNESS BENEFITS—SUMMARY OF OPERATIONS: 1940 TO 1966

[For years ending June 30]

YEAR	Applica- tions re- ceived <sup>1</sup> (1,000)	Claims received (1,000)	BENEFIT PAYMENTS		Amount of benefits (\$1,000)	Number of benefici- aries (1,000)	Accounts exhausted
			Number (1,000)	Average amount <sup>2</sup>			
UNEMPLOYMENT BENEFITS							
1940-----	211	1,441	( <sup>3</sup> )	( <sup>3</sup> )	14,810	161	29,298
1945-----	9	35	28	\$26.47	728	6	626
1950-----	562	3,731	3,475	32.72	113,769	506	83,131
1955-----	371	2,785	2,594	59.06	152,668	320	76,531
1960-----	254	2,026	(NA)	<sup>4</sup> 79.49	208,554	221	50,897
1963-----	213	1,572	1,506	78.38	116,799	191	33,912
1964-----	172	1,188	1,137	77.42	86,563	152	24,320
1965-----	153	979	927	78.97	71,260	127	18,880
1966-----	175	727	696	71.26	47,673	153	10,407
SICKNESS BENEFITS <sup>5</sup>							
1950-----	197	896	852	41.16	29,487	160	22,107
1955-----	205	961	912	68.63	52,388	151	27,365
1960-----	190	880	847	<sup>4</sup> 90.42	66,080	142	26,078
1963-----	156	751	718	91.55	50,035	121	20,622
1964-----	150	727	693	91.30	47,349	114	20,133
1965-----	142	688	648	91.37	43,984	106	19,685
1966-----	134	631	595	91.15	40,447	101	17,097

NA Not available.

<sup>1</sup> Application submitted for unemployment benefits for first time; for sickness at the beginning of each spell of sickness. <sup>2</sup> Per 2-week claim period. Based on sample data. <sup>3</sup> Not reported on comparable basis.<sup>4</sup> Excludes retroactive payments made under 1959 amendments and, for unemployment, extended benefits.<sup>5</sup> Includes maternity benefits.Source of tables 426 and 427: Railroad Retirement Board; *Annual Report*. Current data in *The Monthly Review*.



# Unemployment Insurance

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## No. 428. UNEMPLOYMENT INSURANCE—ALL PROGRAMS AND FEDERAL PROGRAMS, SUMMARY, 1950 TO 1966, AND STATES AND PUERTO RICO, 1966

[Includes State programs for all years shown, UCFE program effective Jan. 1, 1955 and UCX program effective Oct. 27, 1958]

YEAR AND STATE OR OTHER AREA	ALL REGULAR PROGRAMS <sup>1</sup>				UCFE (Federal employee) PROGRAM				UCX (ex-service- men) PROGRAM	
	Initial claims (1,000)	Weeks com- pen- sated (1,000)	Average weekly benefi- ciaries (1,000)	Benefits paid <sup>2</sup> (mil. dol.)	Average monthly covered employ- ment (1,000)	Total wages (mil. dol.)	Benefi- ciaries <sup>3</sup> (1,000)	Benefits paid <sup>2</sup> (\$1,000)	Benefi- ciaries <sup>3</sup> (1,000)	Benefits paid <sup>2</sup> (\$1,000)
1950.....	12,251	67,860	1,305	1,373	(X)	(X)	(X)	(X)	(X)	(X)
1955.....	12,255	60,476	1,163	1,467	(NA)	(NA)	93	28,951	(X)	(X)
1960.....	17,718	89,941	1,723	2,867	2,388	13,074	94	55,733	207	84,262
1965.....	12,441	61,804	1,189	2,283	2,609	17,875	73	49,951	153	67,478
<b>1966</b>										
<b>Total.....</b>	<b>10,872</b>	<b>48,531</b>	<b>933</b>	<b>1,852</b>	<b>4 2,609</b>	<b>4 17,875</b>	<b>62</b>	<b>40,810</b>	<b>100</b>	<b>39,498</b>
Ala.....	124	595	11	18	65	479	1	430	2	627
Alaska.....	25	190	4	8	17	131	1	1,035	(Z)	188
Ariz.....	82	302	6	11	24	156	1	602	1	521
Ark.....	90	377	7	10	18	101	1	249	1	292
Calif.....	1,817	9,051	174	431	276	1,964	10	9,005	19	9,505
Colo.....	61	225	4	10	40	274	1	325	1	401
Conn.....	146	621	12	26	17	117	(Z)	195	1	151
Del.....	30	148	3	6	4	27	(Z)	38	(Z)	71
D.C.....	34	232	4	9	231	1,974	2	1,967	(Z)	193
Fla.....	177	651	13	18	62	422	1	222	1	370
Ga.....	121	503	10	15	70	445	1	498	2	511
Hawaii.....	31	216	4	9	30	203	1	696	1	540
Idaho.....	39	174	3	7	10	59	1	353	1	200
Ill.....	378	1,752	34	72	108	712	2	1,123	3	736
Ind.....	176	641	12	21	38	238	(Z)	247	1	314
Iowa.....	45	216	4	8	22	122	(Z)	114	(Z)	215
Kans.....	53	264	5	10	24	144	(Z)	239	1	300
Ky.....	115	504	10	16	34	198	1	409	3	1,058
La.....	117	634	12	21	28	173	1	400	1	613
Maine.....	52	237	5	7	9	54	(Z)	95	1	126
Md.....	149	638	12	22	85	646	1	326	2	468
Mass.....	448	2,288	44	91	65	439	2	2,629	3	1,197
Mich.....	471	1,758	34	80	50	338	1	603	3	1,051
Minn.....	111	703	14	21	30	189	1	298	2	739
Miss.....	66	260	5	6	21	129	1	289	(Z)	131
Mo.....	287	896	17	30	62	402	1	474	2	684
Mont.....	34	186	4	6	12	74	1	376	1	167
Nebr.....	31	187	4	6	19	113	1	271	(Z)	110
Nev.....	53	282	5	12	8	53	(Z)	189	(Z)	201
N.H.....	25	60	1	2	12	84	(Z)	38	(Z)	66
N.J.....	526	2,755	53	107	61	425	1	950	3	1,323
N. Mex.....	52	226	4	7	27	181	1	378	1	324
N.Y.....	1,868	8,226	158	323	181	1,228	6	4,542	7	2,213
N.C.....	228	857	16	22	38	219	1	423	1	584
N. Dak.....	16	145	3	6	9	52	(Z)	137	(Z)	226
Ohio.....	375	1,407	27	54	99	707	2	812	3	1,075
Okla.....	82	427	8	11	50	315	1	363	1	471
Oreg.....	172	628	12	22	24	168	1	503	1	464
Pa.....	760	2,847	55	91	139	959	3	1,815	8	2,774
R.I.....	87	340	7	12	14	93	(Z)	439	1	200
S.C.....	90	348	7	10	29	181	(Z)	210	1	325
S. Dak.....	10	67	1	2	11	64	(Z)	131	(Z)	131
Tenn.....	144	731	14	21	43	284	2	1,267	2	928
Tex.....	236	1,098	21	33	138	863	3	1,301	5	1,966
Utah.....	45	259	5	10	32	222	1	497	1	267
Vt.....	19	96	2	3	4	24	(Z)	61	(Z)	44
Va.....	80	267	5	8	92	606	1	365	1	339
Wash.....	231	1,067	21	35	53	360	3	1,939	3	1,064
W. Va.....	85	427	8	11	13	75	(Z)	83	2	708
Wis.....	176	799	15	34	25	150	1	515	1	619
Wyo.....	12	63	1	2	6	39	(Z)	125	(Z)	86
P.R.....	189	662	13	17	10	60	1	215	3	1,615
V.I.....	1	-	-	-	-	3	(Z)	3	(Z)	6

- Represents zero. NA Not available. X Not applicable. Z Less than 500.

<sup>1</sup> Includes State programs shown in table 429. Represents unduplicated counts. For 1960 and earlier years, includes temporary unemployment programs; for 1955 and 1960, includes data for UCV (Korea Veterans) program which terminated Jan. 31, 1960. <sup>2</sup> Includes payments under State (not Federal) temporary extended unemployment insurance provisions. <sup>3</sup> Represents number of first payments during year. Prior to 1960, includes employees filing for unemployment compensation to supplement benefits under other programs; beginning 1960, excludes first payments filed jointly with State unemployment insurance programs. <sup>4</sup> 1965 data. Includes other Federal employment not distributed by States.

Source: Dept. of Labor, Bureau of Employment Security; *Unemployment Insurance Statistics*, and unpublished data.

## No. 429. STATE UNEMPLOYMENT INSURANCE—SUMMARY, 1950

[Beginning 1965, includes Puerto Rico. Includes unemployment compensation for State and local government and for ex-servicemen, except as noted. See also table 428 and

YEAR AND STATE OR OTHER AREA	Statutory coverage provisions <sup>1</sup>	COVERED EMPLOYMENT			AVERAGE WEEKLY INSURED UNEMPLOY- MENT		Bene- fici- aries <sup>6</sup> (1,000)	AVERAGE WEEKLY BENEFITS FOR TOTAL UNEMPLOY- MENT	
		Average month- ly num- ber of workers <sup>2</sup> (1,000)	Wages (mil. dol.)		Num- ber (1,000)	Percent of covered employ- ment <sup>5</sup>		Cur- rent dol- lars	As per- cent of aver- age week- ly wage <sup>7</sup>
			Total <sup>3</sup>	Taxable <sup>4</sup>					
1950.....	(X)	32,887	103,130	81,545	1,503	4.6	5,212	20.76	34.4
1960.....	(X)	40,523	196,634	119,260	1,906	4.8	6,753	32.87	35.2
1965.....	(X)	45,495	260,210	143,968	1,328	3.0	4,813	37.19	33.8
1966.....	(X)	<sup>13</sup> 45,495	<sup>13</sup> 260,210	<sup>13</sup> 143,968	1,061	2.3	4,140	39.76	33.8
Ala.....	4 in 20 weeks.....	616	2,988	1,788	14	2.2	45	30.26	29.0
Alaska.....	1 at any time.....	40	357	285	3	8.5	10	40.34	22.6
Ariz.....	3 in 20 weeks.....	282	1,552	971	7	2.4	26	36.98	35.4
Ark.....	1 in 10 days.....	341	1,382	945	10	2.8	35	28.66	35.1
Calif.....	1 (time unspecified) <sup>14</sup> .....	4,465	28,942	17,182	186	4.2	667	48.61	35.6
Colo.....	4 in 20 weeks.....	394	2,150	1,178	5	1.3	19	45.79	42.1
Conn.....	3 in 13 weeks.....	849	5,116	2,552	14	1.6	61	42.95	33.6
Del.....	1 in 20 weeks.....	148	930	510	3	1.7	17	42.64	32.3
D.C.....	1 at any time.....	321	1,848	858	4	1.2	13	42.96	36.7
Fla.....	4 in 20 weeks <sup>15</sup> .....	1,118	5,601	3,378	18	1.6	63	28.01	28.7
Ga.....	4 in 20 weeks.....	915	4,334	2,651	12	1.3	57	31.04	31.9
Hawaii.....	1 at any time.....	189	965	564	4	2.3	17	44.40	40.8
Idaho.....	1 (time unspecified) <sup>16</sup> .....	134	658	420	4	3.0	18	40.63	40.2
Ill.....	4 in 20 weeks.....	2,885	18,091	8,984	38	1.3	162	43.07	32.5
Ind.....	4 in 20 weeks.....	1,244	7,420	3,862	14	1.1	70	34.44	27.1
Iowa.....	4 in 20 weeks.....	495	2,581	1,424	5	1.0	20	39.10	31.3
Kans.....	4 in 20 weeks <sup>17</sup> .....	373	1,930	1,091	5	1.5	24	39.28	39.1
Ky.....	4 in 20 weeks <sup>18</sup> .....	515	2,591	1,512	12	2.3	45	33.76	34.2
La.....	4 in 20 weeks.....	634	3,318	1,897	13	2.1	46	33.66	32.3
Maine.....	4 in 20 weeks.....	203	945	599	5	2.7	24	29.97	27.5
Md.....	1 at any time.....	795	4,195	2,335	13	1.7	68	37.72	35.1
Mass.....	1 in 13 weeks.....	1,573	8,583	5,209	48	3.1	180	42.35	38.6
Mich.....	4 in 20 weeks <sup>19</sup> .....	2,057	14,310	7,440	40	2.0	211	46.54	29.1
Minn.....	1 in 20 weeks <sup>20</sup> .....	801	4,423	2,242	15	1.9	52	30.75	28.3
Miss.....	4 in 20 weeks.....	327	1,376	931	6	1.9	25	25.54	30.6
Mo.....	4 in 20 weeks.....	1,052	5,953	3,160	22	2.1	90	36.99	31.0
Mont.....	1 in 20 weeks <sup>21</sup> .....	117	590	360	4	3.2	15	31.36	32.3
Nebr.....	4 in 20 weeks <sup>22</sup> .....	251	1,236	720	4	1.4	16	35.29	36.4
Nev.....	1 (time unspecified) <sup>23</sup> .....	126	781	506	5	4.4	23	42.62	34.0
N.H.....	4 in 20 weeks.....	166	801	475	2	1.0	8	35.94	36.3
N.J.....	4 in 20 weeks.....	1,715	10,640	5,370	54	3.1	229	40.57	33.5
N. Mex.....	1 (time unspecified) <sup>24</sup> .....	173	878	513	5	2.7	16	30.90	30.6
N.Y.....	1 (time unspecified) <sup>25</sup> .....	5,239	32,865	16,159	170	3.2	649	42.05	33.2
N.C.....	4 in 20 weeks.....	1,089	4,761	3,113	20	1.8	86	26.44	28.1
N. Dak.....	4 in 20 weeks.....	77	376	227	3	3.6	9	40.99	41.8
Ohio.....	3 at any time.....	2,593	16,185	8,004	33	1.3	140	39.70	32.7
Okla.....	4 in 20 weeks.....	415	2,132	1,217	10	2.5	28	27.05	27.1
Oreg.....	1 (time unspecified) <sup>26</sup> .....	470	2,656	1,593	15	3.1	56	36.21	32.4
Pa.....	1 at any time.....	3,094	17,144	10,333	62	2.0	253	34.83	30.8
R.I.....	1 at any time.....	256	1,271	801	7	2.8	32	39.37	34.7
S.C.....	4 in 20 weeks.....	510	2,205	1,453	8	1.6	35	30.45	34.6
S. Dak.....	4 in 20 weeks <sup>20</sup> .....	81	366	221	2	1.9	5	32.59	35.7
Tenn.....	4 in 20 weeks.....	793	3,720	2,413	17	2.1	67	29.39	31.3
Tex.....	4 in 20 weeks.....	2,053	10,616	6,058	25	1.2	88	30.47	30.2
Utah.....	1 (time unspecified) <sup>27</sup> .....	199	1,027	697	6	2.9	20	38.58	38.3
Vt.....	3 in 20 weeks.....	84	410	282	2	2.5	8	36.20	37.1
Va.....	4 in 20 weeks.....	853	4,105	2,472	6	0.7	31	30.59	32.0
Wash.....	1 at any time.....	659	3,998	2,101	22	3.3	80	32.67	27.8
W. Va.....	4 in 20 weeks <sup>28</sup> .....	337	1,890	1,157	10	2.9	42	25.42	23.4
Wis.....	4 in 20 weeks <sup>29</sup> .....	1,016	5,821	2,852	17	1.7	72	45.77	39.3
Wyo.....	1 (time unspecified) <sup>30</sup> .....	65	318	193	1	2.2	5	39.63	41.5
P.R.....	4 at any time.....	298	880	709	30	6.5	62	17.35	30.1

NA Not available. X Not applicable. Z Less than 500. <sup>1</sup> Employer becomes subject to State unemployment insurance law when he has employed specified minimum number of workers on at least 1 day in each of specified number of weeks within current or preceding calendar year; coverage provisions shown were in effect as of December 1966.

<sup>2</sup> For pay period ending nearest 15th of month. <sup>3</sup> Total wages in covered employment for all pay periods ending in year. <sup>4</sup> Wages subject to unemployment insurance tax. Includes State and local government coverage as well as private industry coverage; see text, p. 280. <sup>5</sup> Based on average covered employment in 12-month period.

<sup>6</sup> Represents number of first payments during year. <sup>7</sup> Based on average total weekly wage in current year.

<sup>8</sup> Number of weeks compensated divided by first payments.

<sup>9</sup> Beginning 1960, based on first payments for 12-month period ended June 30; for 1950, based on 12-month period ended Sept. 30. <sup>10</sup> Includes contributions from employers; also employee contributions in States which tax workers.

<sup>11</sup> Includes payments under State (not Federal) temporary extended unemployment insurance provisions. <sup>12</sup> Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust fund. <sup>13</sup> 1965 data.



TO 1966, AND STATES AND PUERTO RICO, 1966

employees where covered by State law after 1955; excludes unemployment compensation for Federal employees  
*Historical Statistics, Colonial Times to 1957, series H 162-174]*

Weeks compensated for all unemployment (1,000)	Average actual duration of benefits <sup>8</sup> (weeks)	CLAIMANTS EXHAUSTING BENEFITS		Contributions collected <sup>10</sup> (mil. dol.)	Benefits paid <sup>11</sup> (mil. dol.)	Funds available for benefits <sup>12</sup> (end of year) (mil. dol.)	Average employer contribution rate (percent)	Ratio of benefits to contributions (percent)	YEAR AND STATE OR OTHER AREA
		Number (1,000)	As percent of first payment <sup>9</sup>						
67,860	13.0	1,853	30.5	1,191	1,373	6,972	1.5	115.2	1950
85,630	12.7	1,603	26.1	2,289	2,727	6,643	1.0	119.1	1960
58,813	12.2	1,086	21.5	3,053	2,166	8,357	2.2	70.9	1965
46,547	11.2	781	18.0	3,030	1,771	9,823	2.1	58.5	1966
563	12.4	13	27.8	28	17	106	1.3	60.5	Ala.
162	15.4	2	22.2	10	7	20	2.9	64.3	Alaska
274	10.5	5	18.2	15	10	73	1.4	64.6	Ariz.
361	10.4	7	20.3	17	10	41	1.6	60.0	Ark.
8,684	13.0	155	22.3	545	413	820	3.0	75.8	Calif.
209	10.8	4	19.5	16	9	72	1.3	58.9	Colo.
613	10.1	11	16.9	58	26	246	2.1	44.3	Conn.
145	8.4	2	11.2	6	6	26	1.8	94.5	Del.
184	14.0	3	17.6	9	7	69	1.0	83.6	D.C.
632	10.0	21	33.9	34	17	206	1.2	51.3	Fla.
474	8.4	14	24.5	35	14	227	1.3	38.9	Ga.
191	11.3	2	15.8	11	8	27	1.9	70.2	Hawaii
161	9.0	3	19.0	9	6	37	2.2	67.5	Idaho
1,702	10.5	32	18.4	85	71	580	1.4	83.2	Ill.
626	8.9	16	21.3	53	21	226	1.1	39.6	Ind.
208	10.6	4	20.5	9	8	125	.7	80.4	Iowa
251	10.6	5	16.5	17	10	75	1.4	56.2	Kans.
464	10.3	9	18.8	25	15	139	1.9	60.0	Ky.
607	13.1	14	29.2	37	20	151	1.8	53.7	La.
230	9.6	3	14.1	10	6	40	1.7	67.1	Maine
618	9.1	6	8.7	46	22	209	2.3	46.9	Md.
2,208	12.3	36	19.5	139	87	292	2.6	62.3	Mass.
1,718	8.2	25	12.3	181	78	608	2.3	43.2	Mich.
673	12.9	8	14.7	42	20	52	1.4	46.4	Minn.
246	9.9	5	17.8	14	6	74	2.1	42.6	Miss.
865	9.6	13	13.6	45	29	266	1.4	64.7	Mo.
170	11.5	4	24.4	6	5	21	1.6	93.9	Mont.
176	10.9	4	21.3	8	6	46	1.0	78.6	Nebr.
273	12.1	5	22.8	10	11	29	2.0	111.0	Nev.
58	6.9	(Z)	2.3	7	2	37	1.7	27.8	N.H.
2,703	11.8	50	21.3	145	105	369	2.3	72.5	N.J.
205	12.6	2	12.2	7	6	33	1.3	90.4	N. Mex.
8,057	12.4	93	13.5	433	316	1,473	3.0	73.1	N.Y.
829	9.6	12	15.1	45	21	279	1.5	46.8	N.C.
136	14.7	9	19.3	5	6	8	2.3	106.8	N. Dak.
1,357	9.7	15	9.4	185	52	515	2.5	28.3	Ohio
399	14.3	8	27.1	15	11	56	1.4	68.7	Okla.
602	10.7	7	13.8	33	21	114	2.0	64.1	Oreg.
2,726	10.8	26	9.5	303	87	536	3.0	28.6	Pa.
325	10.3	6	16.5	19	12	65	2.7	60.6	R.I.
333	9.6	9	27.2	22	10	114	1.4	45.1	S.C.
60	11.8	1	24.5	2	2	16	1.0	84.2	S. Dak.
667	10.0	13	18.3	47	19	143	1.8	40.2	Tenn.
1,004	11.4	30	30.0	56	30	293	.9	52.6	Tex.
240	12.3	5	22.1	11	9	40	1.5	84.7	Utah
93	12.3	1	13.6	9	3	15	2.2	35.2	Vt.
249	8.0	6	18.9	19	7	170	.8	39.2	Va.
989	12.3	17	18.5	58	32	252	2.7	54.8	Wash.
401	9.6	5	11.4	16	10	73	1.3	59.7	W. Va.
771	10.7	9	10.9	52	33	247	1.7	63.7	Wis.
58	11.5	1	13.6	4	2	12	2.2	57.3	Wyo.
601	9.6	30	48.5	22	15	64	2.7	69.6	P.R.

<sup>14</sup> And wages over \$100 in any quarter. <sup>15</sup> Or 4 in 8 weeks and payroll over \$6,000 in any quarter.<sup>16</sup> And wages of \$150 in any quarter. <sup>17</sup> Or 25 in 1 week. <sup>18</sup> Or 4 in 3 quarters of preceding year, and \$50 per quarter for each worker. <sup>19</sup> \$1,000 in preceding calendar year. <sup>20</sup> Employers of fewer than 4 and outside corporate limits of a city, village, or borough of 10,000 inhabitants or more not liable for contributions unless subject to Federal Unemployment Tax Act. <sup>21</sup> Or wages over \$500 in current or preceding year. <sup>22</sup> Or wages of \$10,000 in any quarter. <sup>23</sup> And wages of \$225 in any quarter. <sup>24</sup> And wages of \$450 in any quarter, or 2 in 13 weeks. <sup>25</sup> And wages of \$300 in any quarter.<sup>26</sup> Or annual payroll of \$24,000 in current or preceding year not counting more than \$3,000 wages per employee in applying the test of \$24,000 in year. <sup>27</sup> And wages of \$140 in any quarter. <sup>28</sup> 10 in 3 weeks; 4 in any quarter, and \$5,000 or \$20,000 in any year. <sup>29</sup> Or wages of \$6,000 in any year or wages of \$10,000 in any quarter not counting more than \$1,000 wages per employee in applying the test of \$10,000 per quarter.<sup>30</sup> And wages of \$500 in any quarter.Source: Dept. of Labor, Bureau of Employment Security; *Unemployment Insurance Statistics and Annual Report of the Secretary of Labor.*



No. 430. PUBLIC EMPLOYMENT OFFICES—SELECTED ACTIVITIES: 1945 TO 1966

[In thousands. Includes Puerto Rico, Virgin Islands, and, beginning 1958, Guam. Corrected to February 1967]

YEAR	New applica- tions	Counsel- ing inter- views	PLACEMENTS				
			Total	Nonagricultural			
				Total	Men	Veterans	Handi- capped
1945.....	5,757	(NA)	10,811	9,808	6,884	1,198	300
1950.....	7,752	1,297	13,409	5,625	3,481	1,441	227
1955.....	7,983	1,453	14,958	6,052	3,494	1,548	264
1956.....	8,338	1,457	15,157	6,085	3,516	1,529	295
1957.....	9,181	1,538	14,293	5,724	3,220	1,370	287
1958.....	10,414	1,612	14,408	5,126	2,860	1,183	251
1959.....	9,282	1,766	15,855	6,097	3,480	1,304	295
1960.....	10,117	1,778	15,267	5,818	3,261	1,158	274
1961.....	10,502	1,876	14,708	5,902	3,311	1,109	256
1962.....	10,792	2,092	15,191	6,725	3,829	1,197	281
1963.....	10,980	2,073	13,818	6,581	3,767	1,113	278
1964.....	10,754	2,003	12,733	6,281	3,631	978	277
1965.....	10,900	2,192	11,174	6,473	3,790	902	288
1966.....	10,532	2,335	10,660	6,493	3,799	1,134	309

NA Not available.  
Source: Dept. of Labor, Bureau of Employment Security; *Employment Service Statistics and Key Facts, Em-  
ployment Security Operations.*

No. 431. WORKMEN'S COMPENSATION PAYMENTS: 1940 TO 1965

[In millions, except percent. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial  
Times to 1957*, series H 175-185]

YEAR	Esti- mated num- ber of workers covered per month	BENEFITS PAID DURING YEAR								PERCENT OF COVERED PAYROLL	
		Total	Type of insurance			Type of benefit			Cost of work- men's compen- sation <sup>4</sup>	Bene- fits	
			Insur- ance losses paid by private carriers <sup>1</sup>	State fund dis- burse- ments <sup>2</sup>	Em- ployers' self- insur- ance pay- ments <sup>3</sup>	Medical and hospital- ization pay- ments	Compensation payments				
							Total	Dis- ability			Surviv- or
1940-----	25	\$256	\$135	\$73	\$48	\$95	\$161	\$129	\$32	1.19	0.72
1946-----	33	434	270	96	68	140	294	250	44	0.91	0.54
1950-----	37	615	381	149	85	200	415	360	55	0.89	0.54
1955-----	41	916	563	238	115	325	591	521	70	0.91	0.55
1960-----	45	1,295	810	325	160	435	860	755	105	0.93	0.59
1961-----	45	1,374	851	347	176	460	914	804	110	0.95	0.61
1962-----	46	1,489	924	371	194	495	994	879	115	0.96	0.62
1963-----	47	1,582	988	388	206	525	1,057	932	125	0.99	0.62
1964-----	49	1,701	1,069	409	223	565	1,136	1,001	135	1.00	0.62
1965-----	51	1,797	1,133	425	238	595	1,202	1,057	145	1.01	0.62

<sup>1</sup> Net cash and medical benefits paid under standard workmen's compensation policies.  
<sup>2</sup> Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workmen's  
compensation system.  
<sup>3</sup> Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying  
workmen's compensation policies that exclude standard medical coverage.  
<sup>4</sup> Premiums written by private carriers and State funds and benefits paid by self-insurers increased by 5 to 10  
percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal work-  
men's compensation system.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*,  
October 1966 and January 1967.

## No. 432. WORKMEN'S COMPENSATION PAYMENTS, BY STATES: 1940 TO 1965

[In thousands of dollars. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines)* and from published and unpublished reports of State insurance commissions); net disbursements of State funds (from the *Spectator* and from State reports, published and unpublished), estimated for some States; and self-insurance payments, estimated from available State data. Calendar-year data, except fiscal-year data for Federal employees and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1940	1945	1950	1955	1960	1962	1963	1964	1965
<b>Total</b> -----	<b>255,653</b>	<b>408,374</b>	<b>614,702</b>	<b>915,665</b>	<b>1,294,945</b>	<b>1,488,816</b>	<b>1,582,459</b>	<b>1,700,533</b>	<b>1,796,551</b>
Alabama-----	1,061	2,648	2,137	4,538	10,058	11,549	12,598	14,608	16,554
Alaska-----	(X)	(X)	(X)	(X)	2,947	3,109	3,227	3,760	3,514
Arizona-----	1,527	3,865	5,473	7,030	12,113	14,521	16,789	18,959	20,424
Arkansas-----	23	2,379	3,590	5,156	5,434	9,214	9,926	10,802	11,568
California-----	19,950	40,668	58,452	89,359	156,074	204,242	228,966	255,662	267,699
Colorado-----	2,492	2,285	3,418	6,514	10,525	12,999	14,089	15,082	15,297
Connecticut-----	3,500	7,202	9,500	15,938	19,869	16,930	20,339	18,792	19,415
Delaware-----	316	438	744	1,209	1,959	2,661	2,824	3,306	2,347
Dist. of Columbia-----	1,441	1,193	2,360	2,550	4,069	5,761	7,164	6,746	6,397
Florida-----	1,880	4,193	7,418	18,011	34,412	39,361	44,613	48,868	54,708
Georgia-----	1,492	2,921	4,757	7,617	11,298	14,009	15,465	18,148	19,830
Hawaii-----	(X)	(X)	(X)	(X)	4,557	5,605	5,920	6,365	7,068
Idaho-----	1,216	1,193	2,218	3,598	4,927	4,716	5,589	6,009	5,821
Illinois-----	14,210	23,530	31,147	45,688	67,421	75,699	78,519	83,663	86,981
Indiana-----	3,779	6,625	8,920	13,064	18,058	22,705	22,300	22,942	23,116
Iowa-----	1,870	2,666	4,985	6,707	9,348	9,855	11,119	11,119	12,155
Kansas-----	1,587	2,977	4,260	8,176	12,978	14,573	14,480	15,050	15,817
Kentucky-----	3,087	4,000	6,987	9,314	12,143	13,918	14,509	14,714	15,555
Louisiana-----	3,369	6,952	11,400	19,573	26,462	26,917	30,217	34,540	43,765
Maine-----	991	2,224	1,600	2,387	3,476	3,434	3,490	3,714	4,108
Maryland-----	2,711	5,853	6,895	12,087	20,079	22,286	24,632	27,340	24,565
Massachusetts-----	7,415	11,771	23,676	33,361	45,357	54,333	57,299	61,837	65,131
Michigan-----	9,071	14,623	23,123	31,049	48,852	55,247	56,533	60,602	69,799
Minnesota-----	3,754	5,853	9,662	14,949	21,974	24,323	25,381	27,173	27,771
Mississippi-----	11	34	2,272	4,718	8,371	9,348	10,210	10,951	11,814
Missouri-----	4,035	8,365	10,649	16,613	22,322	25,054	24,366	30,806	31,114
Montana-----	2,093	2,003	2,544	4,238	5,404	6,000	6,094	6,936	6,680
Nebraska-----	967	1,334	2,360	3,540	4,518	4,998	5,022	6,556	5,921
Nevada-----	828	1,046	1,659	3,616	4,372	5,093	5,687	6,556	7,880
New Hampshire-----	704	1,002	1,670	2,386	3,741	4,010	4,701	4,807	4,457
New Jersey-----	12,419	21,961	29,164	44,179	59,880	65,642	71,372	77,341	83,947
New Mexico-----	566	652	2,330	4,812	8,074	8,479	8,694	8,798	8,823
New York-----	51,211	74,255	115,679	143,909	164,530	180,014	182,712	185,506	197,439
North Carolina-----	1,962	3,542	6,354	10,026	14,939	16,040	17,550	19,445	20,611
North Dakota-----	600	743	1,100	1,855	2,438	2,832	3,080	2,983	3,721
Ohio-----	16,895	25,603	40,441	69,314	99,090	119,509	124,791	133,192	138,971
Oklahoma-----	3,394	5,456	8,082	13,248	15,374	16,267	17,110	19,036	20,079
Oregon-----	4,277	5,666	8,983	15,721	25,539	27,637	28,879	29,086	28,102
Pennsylvania-----	22,774	24,552	30,831	37,839	50,226	60,226	61,634	66,792	69,033
Rhode Island-----	1,153	5,449	3,800	5,926	6,740	6,857	6,718	6,762	8,376
South Carolina-----	1,072	2,606	4,123	5,239	8,068	9,073	9,617	9,644	10,764
South Dakota-----	268	355	950	1,120	1,960	2,046	1,853	2,189	2,218
Tennessee-----	1,527	4,027	5,349	9,529	14,321	15,653	16,467	18,903	20,737
Texas-----	8,124	18,218	33,380	50,027	69,740	78,658	81,692	85,883	89,147
Utah-----	1,109	1,312	1,859	2,461	3,460	5,429	5,061	4,890	4,978
Vermont-----	386	522	900	1,200	1,720	2,159	2,857	2,413	2,525
Virginia-----	2,085	3,361	5,559	8,169	12,677	14,730	16,274	18,127	17,952
Washington-----	5,576	9,688	14,573	19,351	25,156	29,477	31,387	33,462	38,083
West Virginia-----	5,756	7,735	9,632	12,372	14,275	15,662	16,245	17,004	17,891
Wisconsin-----	5,662	9,162	13,356	16,697	22,067	24,150	26,310	28,594	30,976
Wyoming-----	422	503	1,011	1,361	1,622	1,811	1,954	2,077	1,953
Federal employees:									
Civilian-----	13,035	12,955	22,236	33,369	42,329	47,307	52,319	55,093	58,747
Other-----	(1)	208	1,134	14,953	17,602	16,686	15,815	16,901	14,707

X Not applicable.

<sup>1</sup> Other payments included with civilian payments.

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Preliminary estimates appear periodically in *Social Security Bulletin*.

# No. 433. PUBLIC ASSISTANCE—EXPENDITURES, RECIPIENTS, AND PAYMENTS: 1950 TO 1966

[Beginning October 1950, includes Puerto Rico and Virgin Islands, and beginning 1960, Guam. Number of recipients and average monthly payments exclude vendor payments for medical care and cases receiving only such payments. Total payments for year include vendor payments for medical care. See also *Historical Statistics, Colonial Times to 1957*, series H 186-198, for related data]

PROGRAM	1950	1955	1960	1963	1964	1965	1966
EXPENDITURES <sup>1</sup> (mil. dol.)							
Total.....	2,456	2,748	3,785	4,713	5,073	5,476	6,312
Federal.....	1,084	1,358	1,958	2,627	2,791	2,959	3,498
Percent.....	44.1	49.4	51.7	55.7	55.0	54.0	55.4
State.....	1,118	1,054	1,376	1,543	1,686	1,865	2,037
Percent.....	45.5	38.3	36.4	32.7	33.2	34.1	32.3
Local.....	256	336	451	542	596	652	777
Percent.....	10.4	12.2	11.9	11.5	11.7	11.9	12.3
NUMBER OF RECIPIENTS OF MONEY PAYMENTS <sup>1</sup> (1,000)							
Old-age assistance.....	2,786	2,538	2,305	2,152	2,120	2,087	2,073
Aid to dependent children:							
Families.....	651	620	803	954	1,012	1,054	1,127
Recipients <sup>2</sup> .....	2,233	2,238	3,073	3,930	4,219	4,396	4,666
Children.....	1,661	1,691	2,370	2,951	3,170	3,316	3,526
Aid to the blind.....	97	104	107	97	95	85	84
Aid to the permanently and totally disabled.....	69	241	369	464	509	557	588
General assistance (cases).....	413	314	431	352	346	310	302
AVERAGE MONTHLY MONEY PAYMENT <sup>1</sup> (current dollars)							
Old-age assistance.....	43	50	58	63	64	63	68
Aid to dependent children:							
Per family.....	71	86	105	122	131	137	150
Per recipient <sup>2</sup> .....	21	24	27	30	32	33	36
Aid to the blind.....	46	56	67	74	76	81	87
Aid to the permanently and totally disabled.....	44	49	55	60	62	67	75
General assistance (per case).....	47	55	67	68	69	69	80
AVERAGE MONTHLY MONEY PAYMENT <sup>1</sup> (December 1966 dollars)							
Old-age assistance.....	57	61	65	67	67	65	68
Aid to dependent children:							
Per family.....	94	105	120	131	138	141	150
Per recipient <sup>2</sup> .....	27	29	31	32	33	34	36
Aid to the blind.....	61	68	74	79	80	84	87
Aid to the permanently and totally disabled.....	58	60	62	64	66	69	75
General assistance (per case).....	61	68	79	72	72	71	80
TOTAL PAYMENTS FOR YEAR (mil. dol.)							
Total.....	2,456	2,748	3,785	4,713	5,073	5,476	6,312
Old-age assistance.....	1,485	1,606	1,922	2,023	2,039	2,046	1,908
Aid to dependent children.....	556	633	1,055	1,466	1,634	1,809	1,924
Aid to the blind.....	53	71	94	96	98	90	90
Aid to the permanently and totally disabled.....	8	156	287	415	473	561	566
Medical assistance <sup>3</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	1,192
Medical assistance for the aged <sup>4</sup> .....	(X)	(X)	6	331	447	588	295
General assistance.....	353	282	422	381	381	382	336

NA Not available. X Not applicable. <sup>1</sup> As of December.

<sup>2</sup> Includes the children and 1 or both parents, or 1 caretaker other than a parent in families where the needs of such adults were considered in determining the amount of assistance.

<sup>3</sup> Data incomplete. Program initiated January 1966 under Public Law 89-97.

<sup>4</sup> Program initiated November 1960 under the Social Security Act Amendment of 1960.

Source: Dept. of Health, Education, and Welfare, Welfare Administration. Periodically in *Welfare in Review*.



# No. 434. PUBLIC ASSISTANCE—RECIPIENTS OF MONEY PAYMENTS, STATES AND OTHER AREAS: 1966

[As of December. Excludes cases receiving vendor medical payments only]

STATE OR OTHER AREA	Old-age assistance	AID TO DEPENDENT CHILDREN		Aid to the blind	Aid to the perma- nently and totally disabled	General assist- ance (cases)	
		Families	Recipients				
			Total <sup>1</sup>				Children
<b>Total.....</b>	<b><sup>2</sup> 2,073,000</b>	<b>1,127,000</b>	<b>4,666,000</b>	<b>3,526,000</b>	<b><sup>3</sup> 83,700</b>	<b>588,000</b>	<b><sup>4</sup> 302,000</b>
Alabama.....	113,000	17,200	71,000	56,600	1,800	15,100	84
Alaska.....	1,400	1,300	4,900	3,800	100	320	210
Arizona.....	12,900	9,800	42,300	32,300	730	4,800	2,100
Arkansas.....	62,700	8,000	33,500	25,400	1,900	10,500	410
California.....	285,000	173,000	709,000	521,000	<sup>3</sup> 12,500	97,700	26,100
Colorado.....	<sup>2</sup> 41,400	13,000	51,500	39,500	230	6,700	1,300
Connecticut.....	5,900	12,900	51,100	38,400	270	5,700	4,400
Delaware.....	1,700	3,100	13,300	10,200	320	660	1,400
District of Columbia.....	2,200	4,900	23,000	18,600	200	3,500	1,000
Florida.....	78,900	35,100	138,000	110,000	2,600	20,500	<sup>5</sup> 7,900
Georgia.....	94,000	22,500	89,600	69,300	3,200	27,800	2,500
Hawaii.....	1,600	3,800	16,500	12,200	66	1,300	1,100
Idaho.....	3,900	2,700	10,400	7,600	120	2,700	(NA)
Illinois.....	39,800	52,600	247,000	194,000	2,000	29,900	20,000
Indiana.....	19,000	11,100	46,400	35,200	1,600	2,000	(NA)
Iowa.....	24,500	11,100	43,700	31,900	1,000	1,700	<sup>5</sup> 3,100
Kansas.....	18,000	8,400	35,000	27,300	420	5,300	2,400
Kentucky.....	59,400	22,100	86,300	62,700	2,500	12,900	1,300
Louisiana.....	124,000	25,200	111,000	85,500	2,500	21,400	6,200
Maine.....	10,000	5,300	19,900	14,600	230	2,300	2,100
Maryland.....	8,100	23,000	94,500	73,300	340	9,000	8,600
Massachusetts.....	50,700	29,100	110,000	83,000	2,200	12,900	7,800
Michigan.....	39,700	37,500	153,000	115,000	1,500	15,200	15,400
Minnesota.....	28,800	14,600	53,800	41,800	870	6,400	6,200
Mississippi.....	74,200	21,200	87,400	70,500	2,500	21,000	1,200
Missouri.....	90,800	25,900	108,000	82,900	<sup>3</sup> 4,100	16,000	9,500
Montana.....	4,100	2,200	8,600	6,600	200	1,500	1,200
Nebraska.....	11,000	4,900	19,800	15,200	480	3,000	(NA)
Nevada.....	2,400	1,500	6,400	5,100	160	(X)	370
New Hampshire.....	4,200	1,300	5,300	4,000	240	680	760
New Jersey.....	13,600	30,300	121,000	92,500	890	8,900	<sup>6</sup> 10,400
New Mexico.....	9,400	7,900	32,700	24,900	340	4,400	310
New York.....	67,100	153,000	630,000	465,000	3,100	35,400	59,700
North Carolina.....	39,800	25,700	107,000	80,700	4,700	22,600	1,800
North Dakota.....	4,400	2,100	8,500	6,400	80	1,700	360
Ohio.....	74,000	45,200	189,000	143,000	3,000	20,800	22,200
Oklahoma.....	80,800	20,900	82,100	61,800	1,600	17,700	6,200
Oregon.....	11,300	8,500	34,000	24,600	480	5,200	3,900
Pennsylvania.....	44,000	58,300	252,000	186,000	10,000	22,400	28,100
Rhode Island.....	4,900	6,500	25,600	18,900	110	3,000	3,100
South Carolina.....	22,900	6,400	25,100	20,300	1,900	9,300	1,200
South Dakota.....	5,500	3,400	12,600	9,500	110	1,200	340
Tennessee.....	45,800	21,100	85,800	66,100	1,800	15,300	1,700
Texas.....	229,000	22,900	103,000	78,100	4,300	11,000	<sup>5</sup> 8,400
Utah.....	4,700	5,600	22,300	16,200	150	3,300	680
Vermont.....	4,200	1,600	6,200	4,600	110	1,200	<sup>5</sup> 1,000
Virginia.....	11,200	11,900	50,900	39,300	1,100	6,800	2,800
Washington.....	27,100	14,500	56,900	41,200	530	10,100	8,100
West Virginia.....	12,900	20,800	97,500	69,400	720	5,900	1,800
Wisconsin.....	18,200	12,300	49,400	37,600	630	4,400	4,200
Wyoming.....	2,300	1,200	4,400	3,400	50	760	390
Puerto Rico.....	25,800	42,500	178,000	141,000	1,200	17,500	1,200
Guam.....	180	150	800	680	6	47	22
Virgin Islands.....	410	340	1,300	1,100	10	44	190

NA Not available. X Not applicable.

<sup>1</sup> Includes the children and 1 or both parents, or 1 caretaker other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.

<sup>2</sup> Includes 3,800 recipients under 65 in Colorado.

<sup>3</sup> Includes 86 recipients of payments made without Federal participation in California, 660 in Missouri; excludes an estimated 7,800 such recipients in Pennsylvania.

<sup>4</sup> Partly estimated; total not as large as sum of State figures because of adjustment. See footnote 6.

<sup>5</sup> Estimated.

<sup>6</sup> Includes unknown number of cases receiving medical care, hospitalization, or burial only.

Source: Dept. of Health, Education, and Welfare, Welfare Administration. Periodically in *Welfare in Review*.

# No. 435. PUBLIC ASSISTANCE—EXPENDITURES, 1950 TO 1966, AND BY STATES AND OTHER AREAS, 1966

[In thousands of dollars. Represents funds expended for public assistance payments and for the cost of administration, services, and training. Expenditures for administration include those for determining initial and continuing eligibility to receive financial assistance and for providing welfare services to people applying for or receiving financial assistance or welfare services only]

YEAR AND STATE OR OTHER AREA	Total	FEDERALLY AIDED PROGRAMS							General assist- ance <sup>1</sup>
		Total	Old-age assist- ance	Aid to families with de- pendent children	Aid to the blind	Aid to the perma- nently and totally disabled	Medical assist- ance for the aged	Medical assist- ance	
1950.....	2,611,498	2,226,551	1,559,623	599,883	57,217	9,828	(X)	(X)	384,947
1955.....	2,981,297	2,655,440	1,704,526	699,445	76,839	174,629	(X)	(X)	325,857
1960.....	4,130,412	3,641,083	2,042,901	1,170,441	102,076	319,550	6,115	(X)	489,329
1965.....	6,107,999	5,649,018	2,189,330	2,101,827	99,103	631,222	627,535	(X)	458,981
1966									
Total.....	7,066,796	6,650,758	2,071,912	2,265,346	101,123	646,176	314,997	1,251,203	416,038
Ala.....	124,737	124,710	99,432	13,157	1,609	9,846	666	(2)	27
Alaska.....	5,651	4,649	1,786	2,268	129	467	-	(2)	1,002
Ariz.....	32,694	30,736	10,678	15,551	750	3,749	9	(2)	1,958
Ark.....	74,501	74,042	52,234	7,955	1,805	10,139	1,909	(2)	459
Calif.....	1,438,674	1,416,142	371,734	424,864	22,072	139,366	23,825	434,280	22,532
Colo.....	103,010	100,197	50,596	26,117	276	8,334	14,874	(2)	2,813
Conn.....	84,829	78,504	6,084	38,847	387	8,399	9,919	14,870	6,324
Del.....	9,272	8,111	1,502	5,329	396	615	214	55	1,161
D.C.....	24,767	23,360	2,899	12,326	224	4,415	3,497	(2)	1,407
Fla.....	122,282	119,378	67,731	28,621	2,344	17,841	2,842	(2)	2,904
Ga.....	125,000	123,979	70,790	28,160	2,493	22,537	-	(2)	1,020
Hawaii.....	20,097	18,546	1,570	8,730	82	1,525	-	6,640	1,550
Idaho.....	16,692	16,676	3,431	5,453	109	2,330	2,557	2,796	16
Ill.....	352,246	307,357	36,237	140,359	2,085	30,693	-	97,983	44,888
Ind.....	58,534	58,534	26,615	22,432	2,403	3,862	3,222	(2)	(2)
Iowa.....	72,415	66,962	32,240	24,478	1,484	2,120	6,640	(2)	5,454
Kans.....	67,195	62,596	24,002	22,197	616	8,525	7,257	(2)	4,598
Ky.....	104,762	104,161	45,273	30,874	2,276	11,708	3,074	10,956	601
La.....	202,263	197,768	126,497	38,105	2,614	16,287	795	12,979	4,985
Maine.....	27,537	24,488	9,762	8,243	246	2,509	822	2,905	3,050
Md.....	87,528	78,902	9,208	44,599	372	9,073	4,040	11,609	8,625
Mass.....	261,522	250,000	60,323	72,890	4,135	25,129	51,173	36,351	11,522
Mich.....	244,007	209,326	44,078	78,538	1,783	19,862	44,966	20,100	34,681
Minn.....	146,679	132,324	22,856	34,046	910	5,240	-	69,273	14,355
Miss.....	63,793	63,547	39,002	10,518	1,502	12,525	-	(2)	246
Mo.....	164,146	155,728	94,709	40,654	3,896	16,468	-	(2)	8,418
Mont.....	18,590	13,449	4,274	4,201	246	1,449	3,279	(2)	5,142
Neb.....	34,264	34,127	10,171	8,050	577	3,522	3,899	7,908	137
Nev.....	9,634	8,169	2,779	2,626	240	-	2,524	(2)	1,465
N.H.....	13,237	12,317	6,333	3,210	376	1,083	1,315	(2)	920
N.J.....	147,295	129,771	15,377	78,949	1,167	13,558	20,720	(2)	17,524
N. Mex.....	32,437	32,084	10,471	15,031	422	5,218	252	689	352
N.Y.....	965,754	874,274	78,782	429,261	5,113	55,729	53,589	251,800	91,481
N.C.....	110,668	108,727	35,562	39,938	4,717	24,579	3,930	(2)	1,941
N. Dak.....	20,203	19,606	4,704	4,982	88	1,712	-	8,122	597
Ohio.....	250,908	209,334	85,756	83,920	3,903	22,570	-	13,186	41,573
Okla.....	195,725	194,879	79,017	35,898	2,094	19,884	-	57,985	846
Oreg.....	53,887	48,516	12,168	21,800	692	8,661	5,195	(2)	5,371
Pa.....	324,381	295,042	41,759	119,508	13,254	21,310	-	99,212	29,339
R.I.....	37,821	34,093	5,680	14,028	141	3,463	5,888	4,893	3,728
S.C.....	35,591	34,892	17,798	6,172	1,608	7,073	2,241	(2)	698
S. Dak.....	17,246	15,794	7,134	5,708	114	1,319	1,519	(2)	1,452
Tenn.....	86,362	85,796	37,882	29,148	1,611	12,307	4,847	(2)	566
Tex.....	261,142	258,086	211,993	32,870	3,941	9,283	-	(2)	3,055
Utah.....	26,985	26,282	3,779	12,121	146	4,066	1,882	4,288	703
Vt.....	11,466	11,098	4,990	2,314	107	1,341	232	2,113	368
Va.....	45,112	42,356	12,436	18,307	1,184	7,222	3,208	(2)	2,756
Wash.....	114,102	104,546	26,631	33,900	665	12,262	9,489	21,600	9,556
W. Va.....	57,467	56,128	8,725	36,069	546	3,893	2,235	4,659	1,339
Wis.....	107,018	97,941	29,455	26,696	919	7,356	6,092	27,422	9,078
Wyo.....	7,404	6,365	2,728	2,391	66	862	318	(2)	1,039
P.R.....	45,624	45,367	3,876	12,301	182	2,826	-	26,183	257
Guam.....	390	377	121	197	3	35	22	(2)	13
V.I.....	1,248	1,106	264	437	6	29	24	344	143

- Represents zero. X Not applicable. <sup>1</sup> Partly estimated. <sup>2</sup> Incomplete or not reported.  
Source: Dept. of Health, Education, and Welfare, Welfare Administration. Periodically in *Welfare in Review*.



**No. 436. PUBLIC ASSISTANCE—EXPENDITURES, BY SOURCE OF FUNDS, AND MONTHLY PAYMENTS TO RECIPIENTS, STATES AND OTHER AREAS: 1966**

[Excludes medical vendor payment cases]

STATE OR OTHER AREA	EXPENDITURES <sup>1</sup>				AVERAGE MONTHLY PAYMENTS, DECEMBER (dollars)				
	Federal funds		State funds (\$1,000)	Local funds (\$1,000)	Old-age assistance	Aid to dependent children (per family)	Aid to the blind	Aid to the permanently and totally disabled	General assistance (per case)
	Total (\$1,000)	Per cent							
<b>Total</b> .....	<b>3,895,256</b>	<b>55.1</b>	<b>2,660,482</b>	<b>911,058</b>	<b>68</b>	<b>150</b>	<b>87</b>	<b>75</b>	<b>80</b>
Alabama .....	95,210	76.3	29,433	94	61	52	70	45	13
Alaska .....	2,781	49.2	2,870	(X)	71	131	83	74	58
Arizona .....	23,065	70.5	9,553	76	57	121	71	66	55
Arkansas .....	57,084	76.6	17,417	(X)	60	82	71	65	16
California .....	707,992	49.2	461,487	269,194	104	181	133	113	72
Colorado .....	55,097	53.5	38,202	9,712	83	147	72	64	42
Connecticut .....	39,955	47.1	41,712	3,162	71	192	78	81	87
Delaware .....	5,406	58.3	2,600	1,266	64	132	82	89	54
District of Columbia .....	14,401	58.1	10,367	(X)	63	158	76	79	78
Florida .....	91,810	75.1	27,569	2,904	49	60	63	60	(NA)
Georgia .....	95,660	76.5	23,577	5,763	48	94	58	56	36
Hawaii .....	9,703	48.3	10,394	(X)	78	182	92	106	91
Idaho .....	11,514	69.0	4,839	340	63	166	73	64	(NA)
Illinois .....	173,708	49.3	164,162	14,375	64	197	76	78	89
Indiana .....	34,903	59.6	14,104	9,527	50	114	65	50	(NA)
Iowa .....	39,584	54.7	21,511	11,320	56	155	93	64	(NA)
Kansas .....	36,026	53.6	15,537	15,632	81	129	89	105	86
Kentucky .....	79,068	75.5	25,093	601	56	109	70	69	48
Louisiana .....	147,059	72.7	55,204	(X)	74	106	76	52	52
Maine .....	17,726	64.4	7,408	2,403	55	111	75	72	49
Maryland .....	46,800	53.5	34,516	6,212	56	149	73	72	79
Massachusetts .....	123,156	47.1	83,871	54,495	79	198	123	86	36
Michigan .....	118,396	48.5	94,718	30,893	73	166	82	83	(NA)
Minnesota .....	79,641	54.3	25,980	41,058	57	174	74	70	86
Mississippi .....	50,268	78.8	13,074	451	39	38	46	45	18
Missouri .....	106,874	65.1	56,997	275	68	104	80	73	68
Montana .....	8,868	47.7	2,784	6,938	64	143	75	70	56
Nebraska .....	21,820	63.7	9,253	3,191	47	118	64	60	(NA)
Nevada .....	4,858	50.4	2,691	2,085	76	129	104	(X)	77
New Hampshire .....	6,208	46.9	4,174	2,855	100	169	110	90	68
New Jersey .....	64,528	43.8	38,628	44,139	69	203	85	81	129
New Mexico .....	22,661	69.9	9,776	(X)	58	123	73	70	41
New York .....	396,814	41.1	287,765	281,175	82	227	100	94	114
North Carolina .....	80,081	72.4	15,404	15,183	57	101	71	64	25
North Dakota .....	13,026	64.5	5,284	1,894	75	182	83	80	66
Ohio .....	121,378	48.4	118,185	11,345	79	139	77	72	90
Oklahoma .....	136,401	69.7	58,722	602	76	137	105	96	12
Oregon .....	28,906	53.6	18,700	6,281	50	157	87	75	53
Pennsylvania .....	169,604	52.3	144,872	9,905	74	159	108	77	75
Rhode Island .....	19,142	50.6	18,679	(Z)	58	162	73	77	76
South Carolina .....	26,917	75.6	8,284	390	41	62	56	48	31
South Dakota .....	10,869	63.0	4,825	1,552	61	139	80	63	32
Tennessee .....	65,145	75.4	17,015	4,202	54	107	67	55	30
Texas .....	194,124	74.3	63,932	3,086	62	96	74	61	(NA)
Utah .....	17,857	66.2	9,109	19	53	146	59	57	72
Vermont .....	7,719	67.3	2,564	1,184	64	112	72	76	(NA)
Virginia .....	30,915	68.5	7,126	7,072	52	120	69	62	55
Washington .....	60,515	53.0	53,587	(X)	63	158	74	60	78
West Virginia .....	42,576	74.1	14,189	702	45	112	46	43	38
Wisconsin .....	53,771	50.2	27,701	25,546	56	181	73	59	80
Wyoming .....	3,765	50.8	1,676	1,963	70	136	72	71	73
Puerto Rico .....	23,216	50.9	22,408	(X)	9	18	9	9	9
Guam .....	173	44.4	217	(X)	36	87	(B)	(B)	(B)
Virgin Islands .....	510	40.8	739	(X)	38	79	(B)	(B)	39

B Not computed; base less than 50. NA Not available. X Not applicable. Z Less than \$500.

<sup>1</sup> Includes medical vendor payments made under all public assistance programs and expenditures for administration, services, and training.

Source: Dept. of Health, Education, and Welfare, Welfare Administration. Periodically in *Welfare in Review*.



No. 437. MATERNAL AND CHILD HEALTH SERVICES: 1964 AND 1966

[In thousands. 1966, for year ending June 30. Includes Puerto Rico, Guam, and Virgin Islands. Not all States or areas provide all services listed. See also *Historical Statistics, Colonial Times to 1957*, series II 215-220]

ITEM	TOTAL RECEIVING SERVICE		ITEM	TOTAL RECEIVING SERVICE	
	1964	1966 <sup>1</sup>		1964	1966 <sup>1</sup>
SERVICE			SERVICE—Continued		
Maternity services:			School health examinations and screening:		
Maternity medical clinic service.....	287	282	Examined by physicians.....	2, 447	1, 962
Maternity nursing service.....	547	521	Referred for further diagnosis or treatment.....	330	623
Dental treatment.....	24	19	Completed referrals.....	92	343
Hospital in-patient care.....	37	61	Screening by other personnel:		
Child health services:			Visual screening.....	8, 352	8, 847
Well child conference service:			Audiometer testing.....	5, 342	5, 425
All ages.....	1, 485	1, 764	Dental screening.....	3, 024	2, 386
Infants under 1 year.....	605	680	Other.....	1, 148	4, 640
General pediatric clinic service.....	208	170	IMMUNIZATION <sup>2</sup>		
Special clinics.....	97	131	Smallpox.....	2, 996	2, 790
Nursing service.....	2, 862	2, 903	Diphtheria.....	4, 306	4, 284
Topical fluoride applications.....	325	380	Pertussis.....	3, 064	2, 493
Dental treatment.....	787	542	Tetanus.....	4, 683	4, 448
Hospital in-patient care:			Other.....	981	1, 350
For prematurity.....	8	10			
Excluding prematurity.....	24	11			

<sup>1</sup> Preliminary. Partly estimated.      <sup>2</sup> Includes boosters and revaccinations.  
Source: Dept. of Health, Education, and Welfare, Welfare Administration; *Maternal and Child Health Services*.

No. 438. MATERNAL AND CHILD HEALTH AND WELFARE SERVICES—EXPENDITURES AND CHILDREN RECEIVING WELFARE SERVICES, STATES AND OTHER AREAS: 1966

[For year ending June 30, except as noted. Refers to expenditures by public agencies from Federal (including grants-in-aid), State, and local funds; based on checks issued less refunds]

STATE OR OTHER AREA	EXPENDITURES (\$1,000)			Children receiving welfare services <sup>1</sup>	STATE OR OTHER AREA	EXPENDITURES (\$1,000)			Children receiving welfare services <sup>1</sup>
	Maternal and child health services	Services for crippled children	Child welfare services			Maternal and child health services	Services for crippled children	Child welfare services	
Total.....	126, 141	<sup>2</sup> 94, 589	<sup>3</sup> 397, 335	573, 800	Mont.....	400	407	843	1, 528
Ala.....	1, 797	1, 973	2, 707	11, 086	Nebr.....	418	802	647	1, 599
Alaska.....	570	449	853	1, 141	Nev.....	532	377	<sup>4</sup> 869	1, 337
Arlz.....	1, 227	( <sup>2</sup> )	1, 973	4, 893	N.H.....	362	332	1, 282	2, 842
Ark.....	1, 322	1, 131	1, 173	1, 529	N.J.....	1, 403	1, 441	11, 175	16, 320
Calif.....	9, 121	13, 457	41, 711	40, 292	N. Mex.....	1, 001	567	1, 467	3, 190
Colo.....	1, 600	744	4, 136	6, 171	N.Y.....	10, 944	6, 081	103, 164	53, 510
Conn.....	1, 437	785	10, 105	9, 071	N.C.....	3, 304	2, 631	<sup>4</sup> 4, 314	22, 668
Del.....	338	296	1, 081	2, 324	N. Dak.....	343	370	1, 478	4, 434
D.C.....	1, 851	732	4, 516	6, 540	Ohio.....	4, 532	3, 276	20, 364	39, 893
Fla.....	5, 026	2, 612	4, 698	9, 330	Okla.....	1, 659	2, 451	2, 205	5, 471
Ga.....	3, 941	2, 627	4, 960	13, 511	Oreg.....	805	1, 067	4, 714	8, 862
Hawaii.....	543	769	1, 192	1, 209	Pa.....	14, 306	3, 696	26, 705	30, 964
Idaho.....	407	620	537	1, 172	R.I.....	616	432	1, 586	3, 276
Ill.....	4, 099	3, 289	15, 043	12, 938	S.C.....	1, 602	1, 377	1, 448	7, 802
Ind.....	1, 342	1, 254	7, 599	16, 125	S. Dak.....	134	262	1, 288	1, 953
Iowa.....	688	2, 178	2, 103	7, 552	Tenn.....	4, 411	2, 800	2, 990	8, 033
Kans.....	544	694	2, 437	4, 296	Texas.....	3, 706	4, 015	4, 321	14, 385
Ky.....	2, 538	2, 057	3, 687	7, 843	Utah.....	507	492	1, 271	2, 867
La.....	2, 158	1, 450	6, 339	12, 004	Vt.....	330	274	1, 369	2, 168
Maine.....	507	601	2, 981	4, 359	Va.....	4, 228	2, 934	7, 871	16, 160
Md.....	3, 040	2, 565	12, 435	20, 304	Wash.....	1, 650	981	7, 862	11, 114
Mass.....	1, 594	2, 998	11, 531	9, 424	W. Va.....	1, 371	1, 095	3, 409	8, 365
Mich.....	9, 862	4, 010	5, 005	6, 439	Wis.....	2, 622	1, 348	14, 181	18, 667
Minn.....	2, 198	2, 665	12, 039	34, 410	Wyo.....	269	321	462	616
Miss.....	1, 793	781	1, 994	8, 069	P.R.....	2, 136	1, 520	2, 315	22, 760
Mo.....	2, 058	1, 921	3, 755	10, 294	Guam.....	256	144	181	(NA)
					V.I.....	691	434	301	678

NA Not available.      <sup>1</sup> As of March 31. Covers State and local agencies.  
<sup>2</sup> Excludes Arizona, which does not participate in this program.  
<sup>3</sup> Provisional; includes estimates not shown in State breakdown.      <sup>4</sup> Incomplete.  
Source: Dept. of Health, Education, and Welfare, Welfare Administration; *Child Welfare Statistics, 1966*.

## No. 439. SERVICES FOR CRIPPLED CHILDREN: 1950 TO 1964

[In thousands. Includes Puerto Rico, Virgin Islands, and, beginning 1959, Guam. Excludes Arizona, which, since 1950, has not participated in the crippled children's program under the Social Security Act. See *Historical Statistics, Colonial Times to 1957*, series II 213, for totals]

TYPE OF SERVICE	1950	1955	1959	1960	1961	1962	1963	1964
Total number of children who received physician's services <sup>1</sup> .....	214	278	339	355	372	385	396	423
<b>Clinic service:</b>								
Number of children.....	172	221	265	271	279	289	291	316
Number of visits.....	364	472	557	575	606	632	622	681
Average number of visits per child.....	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.2
<b>Hospital in-patient care:</b>								
Number of children.....	43	48	54	59	65	65	70	74
Number of days' care.....	1,425	1,246	1,165	1,263	1,320	1,370	1,334	1,383
Average number of days per child.....	32.8	26.0	21.7	21.3	20.4	21.0	19.1	18.8
<b>Convalescent-home care:</b>								
Number of children.....	6	4	4	5	4	3	4	4
Number of days' care.....	529	362	294	301	298	299	299	322
Average number of days per child.....	96.9	96.5	80.3	62.1	84.0	86.4	77.3	73.3
<b>Other physician's services:</b>								
Number of children.....	25	53	71	79	85	86	94	97
Number of visits (office and home).....	91	124	172	193	202	265	263	265
Average number of visits per child.....	3.7	2.3	2.4	2.5	2.4	3.1	2.8	2.7

<sup>1</sup> Preliminary estimate for year ending June 30, 1966 is 437,000; detail not available.

Source: Dept. of Health, Education, and Welfare, Welfare Administration; *Crippled Children's Program Statistics*.

## No. 440. ORPHANS, BY TYPE: 1930 TO 1965

[For 1930 and 1940, orphaned during year; 1949, as of October; thereafter, as of January. Beginning 1960, includes Puerto Rico and Virgin Islands. Covers children under age 18 who have been orphaned at any time; full orphans refer to loss of both parents, paternal orphan to loss of father, maternal orphan to loss of mother. Percent of child population based on Bureau of the Census estimated population of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

TYPE OF ORPHAN	1930		1940		1949		1960		1965	
	Number	Percent of child population	Number	Percent of child population	Number	Percent of child population	Number	Percent of child population	Number	Percent of child population
<b>Total orphans..</b>	5,050	11.7	3,840	9.5	2,930	6.1	2,955	4.5	3,290	4.7
Paternal.....	2,700	6.3	2,180	5.4	1,890	3.9	2,055	3.1	2,330	3.3
Maternal.....	1,900	4.4	1,370	3.4	960	2.0	840	1.3	890	1.3
Full.....	450	1.1	290	0.7	80	0.2	60	0.1	70	0.1

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Irregularly in *Social Security Bulletin*.

## No. 441. ADOPTIONS, BY TYPE: 1952 TO 1965

[In thousands. Includes Puerto Rico and Virgin Islands. Based on reports from State departments of public welfare with estimates added for nonreporting States, number of which varied from year to year. Prior to 1957, represents number of adoption petitions filed; thereafter, number of petitions granted]

YEAR	CHILDREN ADOPTED				YEAR	CHILDREN ADOPTED			
	Total	By relatives	By nonrelatives			Total	By relatives	By nonrelatives	
			Total	Placed by social agencies				Total	Placed by social agencies
Total	1,486	708	778	476	1959	102	50	52	32
1952	85	43	42	24	1960	107	49	58	34
1953	90	44	46	25	1961	114	52	62	38
1954	90	43	47	26	1962	121	58	63	40
1955	93	45	48	27	1963	127	60	67	44
1956	93	46	47	27	1964	135	63	72	48
1957	91	44	47	28	1965	142	65	77	53
1958	96	46	50	30					

Source: Dept. of Health, Education, and Welfare, Welfare Administration; for 1952-1964, *Child Welfare Statistics*, for 1965, *Supplement to Child Welfare Statistics*.



**No. 442. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1940 TO 1966**

[In thousands. Boy Scout data as of December 31; Girl Scout data as of September 30. Includes Puerto Rico and outlying areas]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>BOY SCOUTS OF AMERICA</b>							
<b>Total membership</b> .....	<b>1,449</b>	<b>2,795</b>	<b>4,166</b>	<b>5,165</b>	<b>5,586</b>	<b>5,733</b>	<b>5,831</b>
Boys.....	1,106	2,072	3,056	3,783	4,123	4,231	4,289
Cub Scouts (8 to 10 years old).....	195	828	1,475	1,865	1,982	2,064	2,125
Boy Scouts (11 to 18 years old).....	911	1,122	1,398	1,647	1,823	1,850	1,853
Explorers (14 years and over).....		122	182	271	318	317	311
Adults.....	343	724	1,110	1,382	1,463	1,502	1,542
Total units (packs, troops, and posts).....	48	79	104	130	140	145	147
<b>GIRL SCOUTS OF THE U.S.A.</b>							
<b>Total membership</b> <sup>1</sup> .....	<b>632</b>	<b>1,646</b>	<b>2,643</b>	<b>3,419</b>	<b>3,661</b>	<b>3,647</b>	<b>3,594</b>
Girls.....	509	1,268	2,025	2,646	3,035	3,030	2,968
Brownies (7 and 8 years old).....	(2)	(2)	(2)	(2)	1,045	1,072	1,078
Juniors (9 to 11 years old).....	(2)	(2)	(2)	(2)	1,431	1,416	1,380
Cadettes (12 to 14 years old).....	(2)	(2)	(2)	(2)	432	443	419
Seniors (15 to 17 years old).....	(2)	(2)	(2)	(2)	127	99	91
Adults.....	123	378	618	773	626	617	626
Total units (troops).....	27	76	125	164	153	153	152

<sup>1</sup> Includes members abroad.   <sup>2</sup> Comparable figures are not available because of a change in program from three age levels to four, effective September 1963.

Source: Boy Scouts of America, National Council, New Brunswick, N.J., *Annual Report*; and Girl Scouts of the United States of America, New York, N.Y., *Annual Report*.

**No. 443. VOCATIONAL REHABILITATION—PERSONS REHABILITATED, BY TYPE OF DISABILITY AND OCCUPATION, AND NUMBER OF CASES SERVED: 1945 TO 1966**

[For years ending June 30. Includes Puerto Rico, and, beginning 1960, Virgin Islands and Guam. Vocational rehabilitation of the disabled is defined as the restoration, preservation, or development of the ability to function in productive activity. The rehabilitation services provided by the States (assisted by Federal grants) include medical restoration, training, guidance, and placement services]

TYPE	1945	1950	1955	1960	1964	1965	1966
<b>Total persons rehabilitated</b> .....	<b>41,925</b>	<b>59,597</b>	<b>57,981</b>	<b>88,275</b>	<b>119,708</b>	<b>134,859</b>	<b>154,279</b>
<b>Disability:</b>							
Amputation or missing members.....	6,380	7,582	6,469	8,559	9,187	9,002	9,645
Orthopedic impairments.....	14,520	18,221	16,883	26,982	33,241	36,854	40,833
<b>Visual:</b>							
Blindness.....	1,497	3,210	3,473	4,348	5,013	5,450	5,968
Other visual.....	3,448	3,880	3,150	5,090	6,906	7,616	8,474
<b>Aural:</b>							
Deafness.....	1,023	1,267	927	1,617	2,243	2,560	2,731
Other hearing.....	2,097	4,024	2,828	3,793	5,133	5,570	6,284
Speech impairment.....	252	675	751	1,119	1,422	1,590	1,625
Tuberculosis, pulmonary.....	2,651	4,913	6,563	6,198	4,581	4,332	4,335
Cardiac disease.....	1,784	2,308	2,562	4,241	5,215	5,552	6,358
Mental or nervous system disorders.....	2,429	3,845	3,993	10,519	23,432	31,376	39,567
Mental retardation.....	106	493	531	2,937	7,206	10,248	14,293
Epilepsy.....	318	1,073	1,186	1,856	2,363	2,832	3,283
Mental illness.....	2,005	2,279	2,276	5,726	13,863	18,296	21,991
Other disabilities.....	5,708	9,657	10,381	15,809	23,272	24,895	28,304
Not reported.....	136	15	1	—	63	62	155
<b>Job or occupation:</b>							
Professional.....	1,598	3,117	3,135	3,583	4,984	5,685	6,460
Semiprofessional, managerial, and official.....	1,895	2,884	2,850	3,914	5,113	5,872	6,462
Clerical, sales, and kindred.....	8,196	11,213	11,396	15,207	18,679	20,947	23,775
Service occupations.....	5,015	9,142	9,510	16,962	24,723	27,933	31,946
Agriculture, fishing, etc.....	1,789	5,731	5,448	7,033	7,570	7,607	8,631
Skilled.....	<sup>1</sup> 9,128	<sup>1</sup> 9,305	<sup>1</sup> 7,260	<sup>1</sup> 10,911	13,574	15,162	17,653
Semiskilled.....	<sup>1</sup> 8,049	<sup>1</sup> 7,962	<sup>1</sup> 7,994	<sup>1</sup> 11,952	14,456	16,576	19,454
Unskilled.....	<sup>1</sup> 5,948	<sup>1</sup> 4,095	<sup>1</sup> 3,438	<sup>1</sup> 6,573	8,139	9,391	11,544
Work in sheltered workshops.....	(1)	(1)	(1)	(1)	3,827	4,070	4,227
Family workers and housewives.....	156	6,131	6,938	12,103	18,643	21,616	24,127
Not reported.....	151	17	12	37	—	—	—
<b>Cases served</b> .....	<b>161,050</b>	<b>225,724</b>	<b>209,039</b>	<b>297,950</b>	<b>399,852</b>	<b>441,332</b>	<b>499,464</b>

— Represents zero.

<sup>1</sup> Work in sheltered workshops included in skilled, semiskilled, and unskilled.

Source: Dept. of Health, Education, and Welfare, Vocational Rehabilitation Administration; *Characteristic s and Trends of Clients Rehabilitated in Fiscal Years 1962–1966* and *Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year 1966*.



# No. 444. VOCATIONAL REHABILITATION—NUMBER OF PERSONS AND FEDERAL GRANTS, STATES AND OTHER AREAS: 1966

[For year ending June 30. Excludes training grants totaling \$24,200,000 and research grants totaling \$28,100,000. See headnote, table 443]

STATE OR OTHER AREA	Persons served	Persons rehabilitated <sup>1</sup>	Federal grants, total <sup>2</sup> (\$1,000)	STATE OR OTHER AREA	Persons served	Persons rehabilitated <sup>1</sup>	Federal grants, total <sup>2</sup> (\$1,000)
<b>Total</b> .....	499, 464	154, 279	155, 564	Montana.....	2, 497	564	570
Alabama.....	13, 317	3, 988	5, 523	Nebraska.....	3, 624	919	783
Alaska.....	<sup>3</sup> 368	82	257	Nevada.....	728	196	303
Arizona.....	2, 611	841	2, 098	New Hampshire.....	803	220	257
Arkansas.....	9, 850	3, 663	4, 935	New Jersey.....	11, 758	4, 110	3, 274
California.....	26, 520	4, 522	10, 050	New Mexico.....	1, 450	476	560
Colorado.....	6, 064	1, 955	2, 295	New York.....	<sup>3</sup> 32, 098	9, 512	10, 260
Connecticut.....	5, 317	1, 325	1, 569	North Carolina.....	21, 416	9, 184	5, 819
Delaware.....	1, 910	668	338	North Dakota.....	1, 861	376	715
District of Columbia.....	5, 301	1, 742	554	Ohio.....	10, 863	3, 435	3, 994
Florida.....	22, 674	7, 067	5, 985	Oklahoma.....	11, 946	2, 700	2, 714
Georgia.....	20, 107	8, 009	9, 206	Oregon.....	4, 566	1, 095	1, 663
Hawaii.....	1, 919	420	881	Pennsylvania.....	43, 407	12, 338	13, 625
Idaho.....	1, 502	525	415	Rhode Island.....	5, 386	1, 545	1, 035
Illinois.....	24, 476	8, 302	5, 921	South Carolina.....	14, 714	4, 285	3, 415
Indiana.....	7, 024	1, 874	1, 336	South Dakota.....	1, 509	389	803
Iowa.....	5, 735	1, 530	2, 045	Tennessee.....	11, 134	3, 970	4, 076
Kansas.....	3, 175	1, 063	1, 110	Texas.....	19, 208	6, 104	5, 549
Kentucky.....	10, 176	4, 365	2, 210	Utah.....	3, 194	822	647
Louisiana.....	11, 306	2, 764	4, 414	Vermont.....	1, 099	255	492
Maine.....	1, 523	462	572	Virginia.....	12, 503	4, 806	3, 797
Maryland.....	9, 640	3, 361	2, 439	Washington.....	5, 056	1, 330	2, 081
Massachusetts.....	9, 165	3, 012	2, 764	West Virginia.....	15, 606	4, 029	4, 052
Michigan.....	16, 003	5, 109	3, 817	Wisconsin.....	13, 840	4, 608	3, 892
Minnesota.....	7, 823	2, 210	2, 171	Wyoming.....	1, 067	250	417
Mississippi.....	5, 410	1, 861	2, 330	Puerto Rico.....	9, 409	2, 136	2, 516
Missouri.....	9, 553	3, 820	2, 811	Guam.....	92	27	125
				Virgin Islands.....	<sup>3</sup> 161	58	84

<sup>1</sup> Represents persons rehabilitated and employed. <sup>2</sup> Represents funds obligated. <sup>3</sup> Partially estimated.

Source: Dept. of Health, Education, and Welfare, Vocational Rehabilitation Administration; *Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year 1966*, and unpublished data.

## No. 445. FUNDS RAISED BY UNITED FUND CAMPAIGNS: 1925 TO 1966

[Includes outlying areas and Canada. Includes all campaigns for which data are on file with United Community Funds and Councils of America, Incorporated. Reports of campaign results are based on the total raised in the federated campaign. In cases where an agency such as the Red Cross was included in the joint campaign for only part of its goal, only the amount raised for the agency through the joint campaign is reported]

YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR		YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR		YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR	
		Amount (\$1,000)	Percent of goal			Amount (\$1,000)	Percent of goal			Amount (\$1,000)	Percent of goal
1925.....	240	58, 004	94. 0	1950.....	1, 318	192, 934	93. 1	1961.....	2, 186	477, 980	95. 9
1930.....	353	75, 973	95. 5	1955.....	1, 858	302, 023	95. 9	1962.....	2, 189	501, 694	97. 0
				1957.....	1, 961	378, 382	98. 1	1963.....	2, 204	525, 098	98. 4
1935.....	406	69, 781	87. 2	1958.....	2, 041	414, 576	95. 3	1964.....	2, 207	546, 801	99. 1
1940.....	561	86, 297	95. 3	1959.....	2, 104	427, 263	94. 7	1965.....	2, 231	584, 561	100. 1
1945.....	772	221, 273	101. 9	1960.....	2, 147	458, 253	97. 0	1966.....	2, 216	625, 549	101. 1

Source: United Community Funds and Councils of America, Inc., New York, N.Y.; *Annual Directory*.

## No. 446. AMERICAN NATIONAL RED CROSS—SUMMARY: 1940 TO 1966

[In thousands. For years ending June 30. The national organization's financial plan provides for a general fund balance to meet national emergencies or other extraordinary circumstances. Excess of income is transferred to, and excess of expenditures is financed from, this fund]

ITEM	1940	1945	1950	1955	1960	1965	1966
<b>Membership</b> <sup>1</sup> .....	9,191	36,645	18,090	23,000	23,900	28,222	30,464
<b>Total income</b> .....	\$24,334	\$250,660	\$65,649	\$88,682	\$95,968	\$105,030	\$106,869
Fund campaign contributions.....	12,043	234,423	62,713	79,890	83,270	90,464	92,686
For Red Cross youth program.....	27	580	248	1,411	1,193	1,190	1,322
Other.....	12,264	15,657	2,688	7,381	11,505	13,376	12,861
<b>Operating expenditures</b> .....	\$14,724	\$191,671	\$80,462	\$88,743	\$86,678	\$108,081	\$120,820
Services to the Armed Forces, veterans, and their families.....	3,371	147,307	31,821	35,539	33,558	39,090	40,998
Disaster services.....	1,187	4,221	6,879	7,167	6,465	15,771	25,976
Blood services.....	-	2,256	8,910	12,614	12,592	15,911	15,568
Nursing and health services.....	1,427	4,255	2,768	2,006	2,418	2,766	2,805
Safety services.....	1,364	2,100	3,819	3,876	4,825	6,075	6,142
Services and assistance to chapters.....	775	2,387	3,517	5,145	5,089	4,665	4,736
Red Cross youth services.....	352	2,622	2,691	2,998	3,458	4,594	4,803
Community services.....	330	3,675	3,430	1,013	637	724	760
Public information.....	196	1,810	1,633	1,911	2,327	2,943	2,993
Membership enrollment and fund rais- ing.....	932	6,613	4,353	4,193	3,112	3,049	3,113
International services.....	<sup>2</sup> 2,717	<sup>2</sup> 4,029	388	193	200	410	456
General management—planning and ad- ministration.....	2,073	10,396	10,253	12,088	11,997	12,083	12,470

- Represents zero.

<sup>1</sup> Contributors of \$1 or more. Count of Junior memberships discontinued. <sup>2</sup> Includes war relief.

## No. 447. AMERICAN NATIONAL RED CROSS—MAJOR ACTIVITIES: 1962 TO 1966

[For years ending June 30]

ITEM	1962	1963	1964	1965	1966
Red Cross chapters.....number..	3,590	3,555	3,511	3,448	3,380
International assistance.....\$1,000..	9,959	11,519	1,563	1,484	2,204
SERVICES TO ARMED FORCES AND VETERANS					
Servicemen given service, monthly average <sup>1</sup> .....number..	83,000	92,100	80,000	77,000	84,000
Chapter service to military families, monthly average:					
Families of servicemen.....number..	82,800	82,100	90,300	86,600	116,400
Families of veterans.....number..	29,500	28,000	27,800	27,000	29,400
Financial assistance <sup>2</sup> .....\$1,000..	12,601	13,477	12,033	11,683	12,578
DISASTER SERVICES					
Disaster relief operations.....number..	336	352	414	435	357
Persons given emergency mass care.....number..	549,300	129,000	110,300	653,800	572,900
Families assisted in recovery.....number..	33,600	19,800	16,300	29,700	41,600
HEALTH AND SAFETY SERVICES					
Blood program:					
Regional programs in operation.....number..	55	56	56	56	56
Chapters participating.....number..	1,570	1,640	1,670	1,700	1,700
Whole blood collected.....1,000 units..	2,563	2,638	2,737	2,775	2,994
Hospitals provided blood.....number..	4,100	4,200	4,200	4,300	4,300
Class activity:					
Instructors authorized to teach.....number..	177,100	198,200	208,880	213,300	210,000
Certificates issued.....1,000..	3,428	3,483	3,765	3,913	4,006
Nurses enrolled for community service.....number..	67,000	69,200	70,250	74,000	72,000
YOUTH					
Certificates earned in health and safety instruction.....1,000..	874	922	991	1,018	1,045
Educational institutions from which students partici- pated.....number..	49,200	46,300	44,350	32,800	33,400
International assistance.....\$1,000..	369	622	683	227	778

<sup>1</sup> Services in military medical facilities and military stations.

<sup>2</sup> Loans and grants to servicemen, veterans, and their dependents. Most loans are repaid.

Source of tables 446 and 447: The American National Red Cross; *Annual Report*.

No. 448. FOUNDATIONS—NUMBER AND FINANCES, STATES

[Money figures in thousands of dollars. Figures are for latest year reported by foundations, usually 1964 or 1965. A foundation may be defined as a nongovernmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or aid social, educational, charitable, religious, or other activities serving the common welfare. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, are restricted by charter solely to aiding one or several named institutions, or which are captive trusts, within colleges, churches, or other organizations, or are very small—defined as having neither assets of \$200,000 nor making grants of at least \$10,000 in the latest year of record. See table 449]

STATE	Number	Assets	Gifts received	Expenditures	Grants
<b>Total</b> <sup>1</sup> .....	6,803	19,927,000	765,012	1,293,503	1,212,494
<b>New England</b> .....	547	608,838	33,029	40,552	37,532
Maine.....	15	5,719	398	637	453
New Hampshire.....	26	19,594	1,067	1,070	941
Vermont.....	6	2,206	282	117	89
Massachusetts.....	316	324,103	19,025	21,872	20,140
Rhode Island.....	40	23,939	2,738	1,898	1,750
Connecticut.....	144	233,277	9,519	14,958	14,159
<b>Middle Atlantic</b> .....	2,425	11,221,564	283,871	798,528	756,855
New York.....	1,822	9,493,091	206,941	714,707	681,165
New Jersey.....	172	288,643	21,420	24,257	22,692
Pennsylvania.....	431	1,439,830	55,510	59,565	52,998
<b>East North Central</b> .....	1,508	3,429,695	171,624	195,282	185,749
Ohio.....	463	816,941	46,661	52,016	49,297
Indiana.....	98	430,956	27,365	13,815	12,919
Illinois.....	503	568,269	55,756	57,701	55,426
Michigan.....	276	1,520,769	29,550	57,321	54,363
Wisconsin.....	168	92,760	12,292	14,428	13,745
<b>West North Central</b> .....	430	661,125	59,269	47,790	44,947
Minnesota.....	161	288,886	22,281	18,890	17,847
Iowa.....	52	33,808	2,612	3,692	3,541
Missouri.....	161	284,835	31,177	20,429	19,378
North Dakota.....	1	421	-	32	23
South Dakota.....	2	556	34	35	29
Nebraska.....	23	35,567	2,274	3,123	2,889
Kansas.....	30	17,052	891	1,588	1,239
<b>South Atlantic</b> .....	681	1,504,081	85,256	77,851	69,027
Delaware.....	53	412,573	3,889	17,035	13,528
Maryland.....	107	64,993	3,729	6,121	5,933
District of Columbia.....	66	192,125	3,971	11,243	9,615
Virginia.....	64	81,227	1,875	4,325	3,743
West Virginia.....	14	4,211	164	349	282
North Carolina.....	113	264,732	32,722	12,623	11,743
South Carolina.....	41	39,753	6,030	3,366	3,024
Georgia.....	120	379,276	18,059	17,962	16,837
Florida.....	103	65,192	14,816	4,826	4,322
<b>East South Central</b> .....	125	117,458	8,692	8,615	8,192
Kentucky.....	30	23,652	1,087	2,318	2,194
Tennessee.....	64	73,208	6,565	4,427	4,236
Alabama.....	22	17,428	914	1,497	1,424
Mississippi.....	9	3,170	125	374	338
<b>West South Central</b> .....	443	1,250,088	72,094	57,998	50,241
Arkansas.....	22	5,045	960	1,070	941
Louisiana.....	43	39,717	1,008	2,746	2,403
Oklahoma.....	66	135,597	19,083	7,855	5,869
Texas.....	312	1,069,729	51,042	46,327	41,029
<b>Mountain</b> .....	102	323,830	3,048	14,526	13,357
Montana.....	4	1,646	224	54	50
Idaho.....	6	2,192	225	252	249
Wyoming.....	3	3,883	51	243	197
Colorado.....	53	179,556	2,008	8,644	8,107
New Mexico.....	6	1,185	323	244	214
Arizona.....	15	26,454	121	1,058	871
Utah.....	12	5,701	95	281	268
Nevada.....	3	103,207	-	3,750	3,401
<b>Pacific</b> .....	542	810,321	48,130	52,360	46,594
Washington.....	57	42,901	2,472	4,135	3,971
Oregon.....	31	32,389	1,926	2,219	2,002
California.....	439	558,089	43,547	38,504	35,058
Alaska.....	1	212	-	35	35
Hawaii.....	14	176,731	184	7,467	5,528

- Represents zero. <sup>1</sup> Excludes 10,500 very small foundations; see table 449.

Source: The Foundation Library Center; *The Foundation Directory, Edition 3*. Published by Russell Sage Foundation, New York, 1967.



No. 449. FOUNDATIONS—GRANTS, BY SUBJECT FIELD  
[In millions of dollars, except percent. See headnote, table 448]

SUBJECT FIELD	TOTAL		237 LARGE FOUNDATIONS <sup>1</sup>		1,227 INTERMEDIATE FOUNDATIONS <sup>2</sup>		5,339 SMALL FOUNDATIONS <sup>3</sup>		10,500 VERY SMALL FOUNDATIONS <sup>4</sup>	
	Amount	Per-cent	Amount	Per-cent	Amount	Per-cent	Amount	Per-cent	Amount	Per-cent
Total grants	1,244	100	762	61	234	19	216	17	32	3
Education	418	34	282	37	77	33	52	24	7	21
Welfare	196	16	76	10	54	23	58	27	8	25
International activities	170	14	160	21	5	2	4	2	1	3
Health	167	13	84	11	42	18	37	17	4	12
Sciences	120	10	99	13	16	7	4	2	1	2
Religion	107	9	23	3	21	9	52	24	11	33
Humanities	67	5	38	5	19	8	9	4	1	4

<sup>1</sup> Possessing assets of \$10 million or more.  
<sup>2</sup> Possessing assets between \$1 million and \$10 million.  
<sup>3</sup> Possessing assets between \$200,000 and \$1 million or making grants totaling at least \$10,000.  
<sup>4</sup> Possessing assets under \$200,000 and not making grants totaling \$10,000 in the year of record.

No. 450. FOUNDATIONS—ASSETS AND GRANTS, BY SIZE AND TYPE OF FOUNDATION  
[See headnote, table 448, and footnotes, table 449]

SIZE AND TYPE	Number	ASSETS		GRANTS		
		Amount (mil. dol.)	Percent	Amount (mil. dol.)	Percent of—	
					Assets	Grants
Total foundations <sup>1</sup>	6,803	19,927	100	1,212	6.1	100
Large foundations	237	14,993	75	762	5.1	63
Intermediate foundations	1,227	3,560	18	234	6.6	19
Small foundations	5,339	1,374	7	216	15.7	18
General purpose	370	13,503	68	721	5.3	59
Special purpose	509	1,788	9	87	4.9	7
Company-sponsored	1,472	1,307	6	177	13.5	15
Community	100	596	3	24	4.0	2
Family and miscellaneous	4,352	2,732	14	204	7.5	17

<sup>1</sup> Excludes 10,500 very small foundations; see table 449.

No. 451. FOUNDATIONS—PERIOD OF ESTABLISHMENT, BY LATEST ASSET CLASSES  
[See headnote, table 448]

DECADE ESTABLISHED	Total foundations	Percent	LATEST ASSET CLASSES					
			\$10,000,000 or more		\$1,000,000 to \$9,999,999		Less than \$1,000,000	
			Number	Percent	Number	Percent	Number	Percent
Total	6,745	100	236	100	1,210	100	5,299	100
Before 1900	26	(Z)	1	(Z)	13	1	12	(Z)
1900 to 1909	18	(Z)	7	3	7	(Z)	4	(Z)
1910 to 1919	76	1	18	8	33	3	25	(Z)
1920 to 1929	177	3	32	14	80	7	65	1
1930 to 1939	294	4	52	22	108	9	134	3
1940 to 1949	1,583	24	69	29	369	30	1,145	22
1950 to 1959	3,817	57	48	20	506	42	3,263	62
1960 <sup>1</sup>	754	11	9	4	94	8	651	12

Z Less than 0.5 percent. <sup>1</sup> Record fragmentary for recent years.

## Section 11

### Income, Expenditures, and Wealth

This section presents statistics relating to two different aspects of income and expenditures: One aspect is the entire complex of the Nation's economic activities and the interaction of its major components (the national income and product system and the flow-of-funds system); and the other, the distribution of families and individuals by income size-classes or type of expenditure. Statistics on national wealth are also included.

The primary source for national income and product information is *Survey of Current Business*, published monthly by the Department of Commerce, Office of Business Economics. The complete set of income and product statistics for the years 1929 to 1965 appears in *The National Income and Product Accounts of the United States, 1929-1965*, a supplement to the *Survey of Current Business*. Summary estimates for current quarters appear in the most recent issue of the *Survey of Current Business*. *National Income, 1954*, is the basic reference source for concepts and methodology which are still applicable.

The primary source for flow-of-funds data is the Board of Governors of the Federal Reserve System; the *Federal Reserve Bulletin* from time to time presents summarized versions of these data.

The major sources of data on income size distributions for families are the Bureau of the Census (Census of Population and Current Population Survey) and the Bureau of Labor Statistics (Survey of Consumer Expenditures). The differences between these series are described in *Family Income Distribution Statistics Published by Federal Agencies*, Statistical Evaluation Report No. 5, Bureau of the Budget, December 1964. Annual data on income distribution by size-class, compiled by the Bureau of the Census, appear in *Current Population Reports—Consumer Income*, Series P-60. A brief description of the Current Population Survey, which is the basis for the data in that report, is given on page 1 of this edition of the *Statistical Abstract*.

Another primary source of information on income distribution is the national Survey of Consumer Finances conducted annually since 1946 by the Survey Research Center of The University of Michigan. From 1946 through 1960, this survey consisted of a sample of approximately 2,700 family units or 3,000 spending units located in 66 sampling areas; from 1961 to 1963, it consisted of approximately 1,850 family units or 2,000 spending units. In 1964 and 1965, it consisted of 1,300-1,600 family units; in 1966, 2,400 families were interviewed. The results of these surveys are published in a monograph series, *Survey of Consumer Finances*.

**National income and product.**—A general view of the economy is provided by a summary of the Nation's income, expenditure, and saving, shown in the form of a balancing set of accounts for the major economic categories—consumers, business, and government. (See table 453.) These statistics, assembled by the Council of Economic Advisors, are a part of the "national income and product" accounts of the Department of Commerce. An explanation of the items included in this summation may be found in the 1964 *Historical and Descriptive Supplement to Economic Indicators*, 88th Congress, 2d Session.

**Gross national product.**—Gross national product (GNP) is the total national output of goods and services valued at market prices. It can be viewed in terms of expenditure categories. These categories comprise purchases of goods and services by consumers and government, gross private domestic investment by business, and net exports of goods and services. The goods and services included in GNP are those bought for final use (excluding illegal transactions) in the markets. There are a number of inclusions, however, which represent imputed values, the most important of which is the rental value of owner-occupied dwellings. GNP, the total national output, also measures the product attributable to the factors of production—labor and property—supplied by residents of the United States or paid in indirect taxes and the allowances for capital consumption (mainly depreciation). GNP differs from “national income,” described below, mainly in that GNP includes allowances for depreciation and for indirect taxes (such as sales and excise taxes).

**National income.**—National income is the aggregate earnings of labor and property which arise in the current production of goods and services by the Nation's economy. It is the sum of compensation of employees, proprietors' income, rental income, net interest, and corporate profits. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings are inclusive of direct taxes on those earnings.

**Personal income.**—Personal income is the current income received by persons from all sources net of personal contributions for social insurance. Not only individuals (including owners of unincorporated enterprises), but nonprofit institutions, private trust funds, and private health and welfare funds are classed as “persons.” Personal income includes transfers (payments not resulting from current production) from government and business such as social-security benefits, military pensions, etc., but excludes transfers among persons. Although most of the income is in monetary form, there are important nonmonetary inclusions—chiefly, estimated net rental value to owner-occupants of their homes, the value of services furnished without payment by financial intermediaries, and the value of food consumed on farms.

Disposable personal income is the income remaining to persons after deducting personal tax and nontax payments to general government. It is the income of persons available for spending or saving.

**Flow-of-funds accounts.**—Another general view of the economy is provided by the flow-of-funds accounts. This system of national accounts presents a record designed to picture the flow of funds through the major sectors of the national economy, the structure of the economy's saving and investment, by sector and by form of investment, and the relation between saving and the structure of financial flows. The transactions covered include transactions in financial instruments, existing assets, transfers of various kinds, and transactions involving currently produced goods and services. A similar presentation of the accounts in amounts outstanding for the financial categories gives the structure of financial assets and liabilities and a summary of the principal assets and liabilities by sector and by type of financial instrument. Quarterly flow data are available currently in the *Federal Reserve Bulletin*. The structure of the accounts is described in special articles in the August 1959 and November 1965 issues of the *Bulletin*.

**Distribution of income by size-class.**—Money income statistics are based on data collected in various field surveys of income conducted since 1936. In each of these field surveys trained enumerators interview representative samples of the population with respect to income received during the previous year. The income here referred to is consumer money income for the calendar year and is before deduction of income taxes or social-security taxes unless otherwise specified in individual tables. Non-



money items of income are not covered. None of the aggregate income concepts (gross national product, national income, or personal income) is exactly comparable with consumer money income. The nearest approximation is "personal income."

**Individuals' savings and assets.**—The Securities and Exchange Commission issues detailed estimates of individuals' savings showing the increase in financial assets held by individuals less the increase in their debt, exclusive of gains or losses from revaluation of assets. A continuous series starting with 1946 is published quarterly in a special release and in the Commission's *Statistical Bulletin*. (See table 469.) A reconciliation of the annual SEC estimates with the Department of Commerce estimates of personal savings appears in the Office of Business Economics publication, *The National Income and Product Accounts of the United States, 1929-1965*.

The Survey Research Center of The University of Michigan also collects annual data (except for 1961) covering the distribution of liquid assets and occasional data covering positive, negative, and net savings of families, by income groups. In 1962 and 1963, the Survey Research Center collected data on the gross worth and net worth of spending units. The data on net worth are comparable to those for 1953 published in the *Federal Reserve Bulletin* for September 1953. Detailed comparisons and an explanation of methods are published in the monograph *1962 Survey of Consumer Finances*, chapter 6. The 1964 and 1965 surveys contain material on attitudes toward saving and statistics on liquid assets. These surveys are now conducted on a family rather than a spending unit basis.

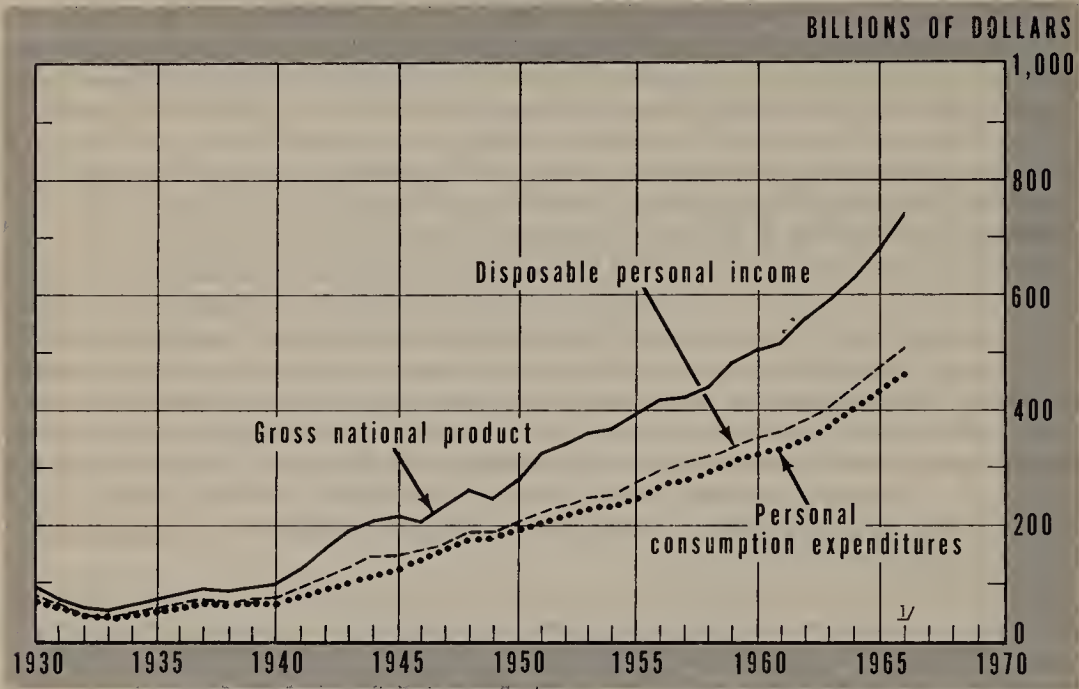
**National wealth.**—The national wealth data shown here (tables 492 to 496) are drawn from a series of articles published in the January 1967 issue of *Finance* magazine. They are, in large part, based on data from R. W. Goldsmith, *A Study of Saving in the United States* and *The National Wealth of the United States in the Post-war Period*. As is the case in all national wealth estimates, the figures are intended chiefly to indicate the order of magnitudes involved and to permit rough comparisons among types of wealth and of the growth of wealth over long periods. Definitions and analytical details are presented in the source publication.

**Current and constant dollars.**—Several of the series in this section are expressed both in current dollars and in constant dollars. Data shown in current dollars are unadjusted for comparability over a period of time; that is, the dollars shown are in terms of the level of prices prevailing for each of the years specified. Data shown in constant dollars are computed values which eliminate the effect of price changes. Constant dollars are derived by dividing current-dollar figures by their corresponding price indexes based on a year specified as 100.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XVIII. GROSS NATIONAL PRODUCT, DISPOSABLE PERSONAL INCOME, AND PERSONAL CONSUMPTION EXPENDITURES: 1930 TO 1966

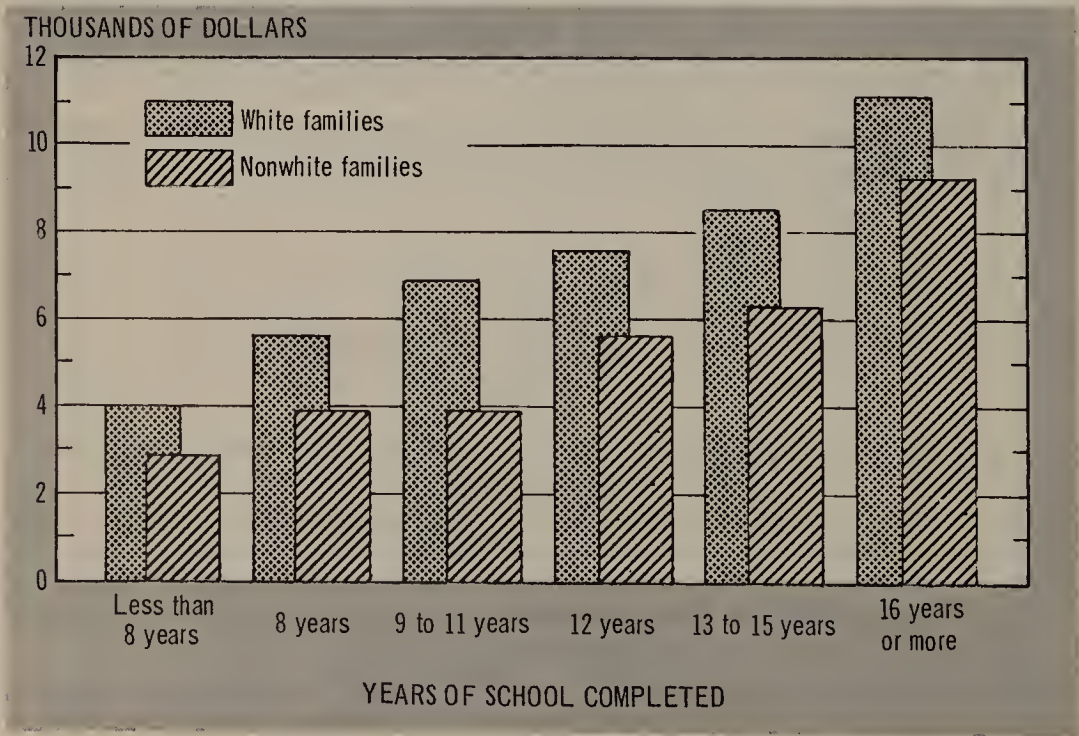
[See table 454]



<sup>1</sup> Preliminary.  
Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Commerce, Office of Business Economics.

FIG. XIX. MEDIAN MONEY INCOME OF FAMILIES, BY YEARS OF SCHOOL COMPLETED AND COLOR OF HEAD: 1965

[See table 477]



Source: Dept. of Commerce, Bureau of the Census.

## No. 452. GROSS NATIONAL PRODUCT AND NATIONAL INCOME—SUMMARY: 1929 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. For definitions of gross national product and national income, see text, p. 316]

ITEM	1929	1930	1933	1935	1940	1945	1950
<b>Gross national product</b> .....	103.1	90.4	55.6	72.2	99.7	211.9	284.8
<b>By type of expenditure:</b>							
Personal consumption expenditures.....	77.2	69.9	45.8	55.7	70.8	119.7	191.0
Gross private domestic investment.....	16.2	10.3	1.4	6.4	13.1	10.6	54.1
Net exports of goods and services.....	1.1	1.0	.4	.1	1.7	— .6	1.8
Government purchases of goods and services.....	8.5	9.2	8.0	10.0	14.0	82.3	37.9
<b>By major type of product:</b>							
Goods output.....	56.1	46.9	27.0	39.9	56.0	128.9	162.4
Services.....	35.6	34.2	25.7	28.3	35.4	76.5	87.0
Structures.....	11.4	9.2	2.9	4.0	8.3	6.5	35.4
<b>By sector:</b>							
Business.....	95.1	82.4	48.9	64.1	89.1	172.3	256.3
Households and institutions.....	2.9	2.7	1.7	1.9	2.4	4.1	6.4
Rest of the world.....	.8	.7	.3	.4	.4	.4	1.2
General government.....	4.3	4.5	4.7	5.9	7.8	35.2	20.9
<b>National income</b> .....	86.8	75.4	40.3	57.2	81.1	181.5	241.1
<b>By type of income:</b>							
Compensation of employees.....	51.1	46.8	29.5	37.3	52.1	123.1	154.6
Proprietors' income.....	15.1	11.9	5.9	10.8	13.0	31.4	37.5
Rental income of persons.....	5.4	4.8	2.0	1.7	2.9	5.6	9.4
Corporate profits and inventory valuation adjustment.....	10.5	7.0	—1.2	3.4	9.8	19.2	37.7
Net interest.....	4.7	4.9	4.1	4.1	3.3	2.2	2.0
<b>By industry division:</b>							
Agriculture, forestry, and fisheries.....	8.5	6.4	3.9	6.6	6.1	15.2	17.6
Mining and construction.....	5.9	4.9	1.4	2.6	4.5	7.1	17.2
Manufacturing.....	21.9	18.3	7.7	13.4	22.5	52.2	76.2
Transportation.....	6.6	5.6	3.0	3.7	5.0	10.5	13.4
Communications and public utilities.....	2.7	2.7	2.0	2.2	3.0	4.2	7.2
Wholesale and retail trade.....	13.5	12.4	5.6	9.4	14.5	28.0	40.9
Finance, insurance, and real estate.....	12.8	10.7	5.9	6.0	8.3	13.0	22.0
Services.....	8.8	8.4	5.1	6.2	8.0	14.1	21.8
Government and government enterprises.....	5.1	5.3	5.3	6.7	8.8	36.8	23.6
Rest of the world.....	.8	.7	.3	.4	.4	.4	1.2
	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>Gross national product</b> .....	398.0	503.7	560.3	590.5	631.7	681.2	739.6
<b>By type of expenditure:</b>							
Personal consumption expenditures.....	254.4	325.2	355.1	375.0	401.4	431.5	464.9
Gross private domestic investment.....	67.4	74.8	83.0	87.1	93.0	106.6	117.0
Net exports of goods and services.....	2.0	4.0	5.1	5.9	8.5	7.0	4.8
Government purchases of goods and services.....	74.2	99.6	117.1	122.5	128.9	136.2	153.0
<b>By major type of product:</b>							
Goods output.....	216.4	259.6	284.5	298.6	318.2	344.7	377.2
Services.....	132.6	187.3	213.3	226.2	244.5	262.0	285.9
Structures.....	49.0	56.8	62.6	65.7	68.9	74.5	76.6
<b>By sector:</b>							
Business.....	352.9	440.7	487.4	513.0	547.4	590.8	639.5
Households and institutions.....	9.1	13.2	15.0	16.0	17.3	18.3	19.5
Rest of the world.....	1.8	2.4	3.3	3.4	4.0	4.3	4.4
General government.....	34.2	47.5	54.7	58.1	63.0	67.8	76.2
<b>National income</b> .....	331.0	414.5	457.7	481.9	517.3	559.0	609.9
<b>By type of income:</b>							
Compensation of employees.....	224.5	294.2	323.6	341.0	365.7	392.9	433.3
Proprietors' income.....	41.7	46.2	50.1	51.0	51.9	55.7	57.8
Rental income of persons.....	13.9	15.8	16.7	17.1	17.7	18.3	18.9
Corporate profits and inventory valuation adjustment.....	46.9	49.9	55.7	58.9	66.6	74.2	80.0
Net interest.....	4.1	8.4	11.6	13.8	15.5	17.8	20.0
<b>By industry division:</b>							
Agriculture, forestry, and fisheries.....	15.4	16.9	18.5	18.6	17.7	21.0	22.2
Mining and construction.....	22.5	26.5	28.5	30.2	32.4	34.8	37.7
Manufacturing.....	107.9	125.8	137.0	143.8	155.1	170.4	188.2
Transportation.....	15.9	18.2	19.1	20.0	21.4	22.9	24.8
Communications and public utilities.....	11.9	17.1	19.0	20.1	21.6	22.8	24.6
Wholesale and retail trade.....	52.3	64.4	70.3	73.4	79.1	83.6	89.2
Finance, insurance, and real estate.....	34.1	45.8	50.7	53.6	57.1	61.0	65.5
Services.....	31.1	44.5	50.7	54.1	58.9	63.0	68.8
Government and government enterprises.....	38.1	52.9	60.7	64.7	70.0	75.2	84.4
Rest of the world.....	1.8	2.4	3.3	3.4	4.0	4.3	4.4

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, February 1967.



# No. 453. THE NATION'S INCOME AND EXPENDITURE, BY MAJOR ECONOMIC GROUPS: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Based on national income and product data of Department of Commerce. See text, pp. 315-316]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
<b>Gross national product or expenditure</b> .....	284.8	398.0	503.7	560.3	590.5	631.7	681.2	739.6
Total income or receipts.....	283.3	395.9	504.8	559.8	590.8	633.1	682.8	739.6
Statistical discrepancy.....	1.5	2.1	-1.0	.5	- .3	-1.4	-1.6	-.1
<b>Persons:</b>								
Personal consumption expenditures.....	191.0	254.4	325.2	355.1	375.0	401.4	431.5	464.9
Disposable personal income.....	206.9	275.3	350.0	385.3	404.6	436.6	469.1	505.3
Less personal saving.....	13.1	15.8	17.0	21.6	19.9	24.5	25.7	27.0
Less interest paid and transfers.....	2.9	5.1	7.8	8.6	9.7	10.7	11.9	13.3
<b>Business:</b>								
Gross private domestic investment.....	54.1	67.4	74.8	83.0	87.1	93.0	106.6	117.0
Gross retained earnings.....	29.4	46.3	56.8	66.3	68.8	76.9	83.4	88.3
Excess of investment.....	24.7	21.1	18.0	16.8	18.4	16.0	23.1	28.7
<b>International:</b>								
Net exports of goods and services.....	1.8	2.0	4.0	5.1	5.9	8.5	7.0	4.8
Exports.....	13.8	19.8	27.2	30.3	32.3	37.0	39.0	42.7
Imports.....	12.0	17.8	23.2	25.1	26.4	28.5	32.0	37.9
Transfers to foreigners.....	4.0	2.5	2.4	2.7	2.8	2.8	2.8	2.9
Net foreign investment.....	-2.2	-.5	1.7	2.5	3.1	5.7	4.2	1.9
<b>Government (Federal, State, and local):</b>								
Expenditures for goods and services.....	37.9	74.2	99.6	117.1	122.5	128.9	136.2	153.0
Total expenditures.....	60.8	97.6	136.1	159.9	166.9	175.6	185.8	208.7
Less transfers, interest, and subsidies.....	22.9	23.4	36.5	42.8	44.4	46.7	49.6	55.7
Net receipts.....	45.8	76.9	103.3	114.2	124.3	127.5	139.4	156.4
Tax and nontax.....	68.7	100.4	139.8	157.0	168.8	174.2	189.0	212.1
Less transfers, interest, and subsidies.....	22.9	23.4	36.5	42.8	44.4	46.7	49.6	55.7
Surplus or deficit (-).....	7.8	2.7	3.7	-2.9	1.8	-1.4	3.2	3.5

<sup>1</sup> Net exports minus transfers to foreigners.

Source: Executive Office of the President, Council of Economic Advisers. In *Economic Report of the President*, January 1967.

## No. 454. RELATION OF GROSS NATIONAL PRODUCT, NATIONAL INCOME, AND PERSONAL INCOME AND SAVINGS: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. For definitions, see text, p. 316. See also *Historical Statistics, Colonial Times to 1957*, series F 1, F 6-9, and F 253]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>Gross national product</b> .....	284.8	398.0	503.7	560.3	590.5	631.7	681.2	739.6
Less: Capital consumption allowances.....	18.3	31.5	43.4	50.0	52.6	56.0	59.6	63.1
<b>Equals: Net national product</b> .....	266.4	366.5	460.3	510.4	537.9	575.7	621.6	676.5
Less:								
Indirect business tax and nontax liability.....	23.3	32.1	45.2	51.5	54.7	58.5	62.7	65.5
Business transfer payments.....	.8	1.2	1.9	2.1	2.3	2.5	2.6	2.6
Statistical discrepancy.....	1.5	2.1	-1.0	.5	- .3	-1.4	-1.6	-.1
Plus: Subsidies less current surplus of government enterprises.....	.2	-.1	.2	1.4	.8	1.3	1.0	1.4
<b>Equals: National income</b> .....	241.1	331.0	414.5	457.7	481.9	517.3	559.0	609.9
Less:								
Corporate profits and inventory valuation adjustment.....	37.7	46.9	49.9	55.7	58.9	66.6	74.2	80.0
Contributions for social insurance.....	6.9	11.1	20.7	24.0	26.9	28.0	29.2	37.8
Wage accruals less disbursements.....	(Z)	-	-	-	-	-	-	-
Plus:								
Govt. transfer payments to persons.....	14.3	16.1	26.6	31.2	33.0	34.2	37.1	41.9
Interest paid by government (net) and by consumers.....	7.2	10.1	15.1	16.1	17.6	19.1	20.6	22.8
Dividends.....	8.8	10.5	13.4	15.2	16.5	17.3	19.2	20.9
Business transfer payments.....	.8	1.2	1.9	2.1	2.3	2.5	2.6	2.6
<b>Equals: Personal income</b> .....	227.6	310.9	401.0	442.6	465.5	496.0	535.1	580.4
Less: Personal tax and nontax payments.....	20.7	35.5	50.9	57.4	60.9	59.4	66.0	75.1
<b>Equals: Disposable personal income</b> .....	206.9	275.3	350.0	385.3	404.6	436.6	469.1	505.3
Less: Personal outlays.....	193.9	259.5	333.0	363.7	384.7	412.1	443.4	478.3
Personal consumption expenditures.....	191.0	254.4	325.2	355.1	375.0	401.4	431.5	464.9
Interest paid by consumers.....	2.4	4.7	7.3	8.1	9.1	10.1	11.3	12.7
Personal transfer payments to foreigners.....	.5	.5	.5	.5	.6	.6	.6	.6
<b>Equals: Personal saving</b> .....	13.1	15.8	17.0	21.6	19.9	24.5	25.7	27.0

- Represents zero. Z Less than \$50 million.

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, February 1967.

# Gross National Product—Per Capita Income

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## No. 455. GROSS NATIONAL PRODUCT OR EXPENDITURE IN CURRENT AND CONSTANT (1958) DOLLARS: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. For definition of gross national product and current and constant dollars, see text, pp. 316-317. See also *Historical Statistics, Colonial Times to 1957*, series F 67-103]

ITEM	1950	1955	1958	1960	1963	1964	1965	1966 (prel.)
<b>CURRENT DOLLARS</b>								
Gross national product.....	284.8	398.0	447.3	503.8	590.5	631.7	681.2	739.6
Personal consumption expenditures.....	191.0	254.4	290.1	325.2	375.0	401.4	431.5	464.9
Durable goods.....	30.5	39.6	37.9	45.3	53.9	59.4	66.1	69.3
Nondurable goods.....	98.1	123.3	140.2	151.3	168.6	178.9	190.6	206.2
Services.....	62.4	91.4	112.0	128.7	152.4	163.1	174.8	189.4
Gross private domestic investment.....	54.1	67.4	60.9	74.8	87.1	93.0	106.6	117.0
Fixed investment.....	47.3	61.4	62.4	71.3	81.3	88.3	97.5	105.1
Nonresidential.....	27.9	38.1	41.6	48.4	54.3	60.7	69.7	79.3
Residential structures.....	19.4	23.3	20.8	22.8	27.0	27.6	27.8	25.8
Change in business inventories.....	6.8	6.0	-1.5	3.6	5.9	4.7	9.1	11.9
Net exports of goods and services.....	1.8	2.0	2.2	4.1	5.9	8.5	7.0	4.8
Exports.....	13.8	19.8	23.1	27.2	32.3	37.0	39.0	42.7
Imports.....	12.0	17.8	20.9	23.2	26.4	28.5	32.0	37.9
Government purchases of goods and services.....	37.9	74.2	94.2	99.6	122.5	128.9	136.2	153.0
Federal.....	18.4	44.1	53.6	53.5	64.2	65.2	66.8	76.9
State and local.....	19.5	30.1	40.6	46.1	58.2	63.7	69.4	76.2
<b>CONSTANT (1958) DOLLARS</b>								
Gross national product.....	355.3	438.0	447.3	487.8	551.0	580.0	614.4	647.8
Personal consumption expenditures.....	230.5	274.2	290.1	316.2	353.3	373.8	396.2	415.5
Durable goods.....	34.7	43.2	37.9	44.9	53.7	59.1	66.4	70.7
Nondurable goods.....	114.0	131.7	140.2	149.7	162.2	170.5	178.2	186.0
Services.....	81.8	99.3	112.0	121.6	137.4	144.2	151.6	158.7
Gross private domestic investment.....	69.3	75.4	60.9	72.4	82.5	86.5	97.8	104.7
Fixed investment.....	61.0	69.0	62.4	68.9	76.7	81.9	89.0	93.6
Nonresidential.....	37.5	43.9	41.6	47.1	51.9	57.4	64.9	72.1
Residential structures.....	23.5	25.1	20.8	21.9	24.8	24.6	24.1	21.5
Change in business inventories.....	8.3	6.4	-1.5	3.5	5.8	4.6	8.8	11.1
Net exports of goods and services.....	2.7	3.2	2.2	4.3	5.6	8.5	6.3	4.7
Exports.....	16.3	20.9	23.1	27.3	32.1	36.4	37.3	41.1
Imports.....	13.6	17.7	20.9	23.0	26.6	28.0	31.0	36.4
Government purchases of goods and services.....	52.8	85.2	94.2	94.9	109.6	111.3	114.1	123.2
Federal.....	25.3	50.7	53.6	51.4	59.5	57.8	57.8	64.0
State and local.....	27.5	34.4	40.6	43.5	50.1	53.4	56.3	59.1

## No. 456. PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS IN CURRENT AND CONSTANT (1958) DOLLARS: 1950 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. For population figures used to derive these data, see table 464. See *Historical Statistics, Colonial Times to 1957*, series F 2, and, for data in 1929 dollars, series F 4]

ITEM	1950	1955	1958	1960	1963	1964	1965	1966 (prel.)
<b>CURRENT DOLLARS</b>								
Gross national product.....	1,877	2,408	2,569	2,788	3,117	3,288	3,501	3,757
Personal income.....	1,501	1,881	2,074	2,219	2,457	2,581	2,750	2,949
Disposable personal income.....	1,364	1,666	1,831	1,937	2,136	2,272	2,411	2,567
Personal consumption expenditures.....	1,259	1,539	1,666	1,800	1,980	2,089	2,218	2,362
Durable goods.....	201	240	218	251	285	309	339	352
Nondurable goods.....	647	746	805	837	890	931	980	1,048
Services.....	412	553	643	712	805	849	898	962
<b>CONSTANT (1958) DOLLARS</b>								
Gross national product.....	2,342	2,650	2,569	2,699	2,909	3,019	3,158	3,291
Personal income.....	1,810	2,027	2,074	2,157	2,316	2,404	2,526	2,635
Disposable personal income.....	1,646	1,795	1,831	1,883	2,013	2,116	2,214	2,294
Personal consumption expenditures.....	1,520	1,659	1,666	1,749	1,865	1,946	2,036	2,111
Durable goods.....	229	261	218	248	284	308	341	359
Nondurable goods.....	752	797	805	828	856	887	916	945
Services.....	539	601	643	673	725	751	779	806

Source of tables 455 and 456: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*, and *Survey of Current Business*, February 1967.

## No. 457. RATES OF ECONOMIC GROWTH: 1910 TO 1966

[Percent. Figures represent average annual compounded rates of change in national product, based on estimates by Department of Commerce of real gross national product expressed in 1958 dollars. Minus sign (—) represents decline. To obtain annual rate of change between any 2 years shown, find column for initial year at top of table and read figure in that column opposite terminal year shown at left]

TERMINAL YEAR	INITIAL YEAR												
	1910	1915	1920	1925	1929	1935	1940	1945	1950	1955	1960	1964	1965
1911-----	2.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1916-----	1.9	7.9	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1921-----	0.6	0.4	-8.7	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1926-----	2.9	3.9	5.2	5.9	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1931-----	1.6	1.9	1.7	-1.0	-8.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1936-----	1.8	2.1	2.0	0.7	-0.8	13.9	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1941-----	2.6	2.9	3.1	2.4	2.2	7.6	16.1	(X)	(X)	(X)	(X)	(X)	(X)
1946-----	2.7	3.0	3.1	2.7	2.6	5.7	5.5	-12.0	(X)	(X)	(X)	(X)	(X)
1951-----	2.9	3.2	3.3	3.0	2.9	5.2	4.9	1.3	7.9	(X)	(X)	(X)	(X)
1956-----	2.9	3.2	3.3	3.0	2.9	4.7	4.3	2.1	3.9	1.8	(X)	(X)	(X)
1961-----	2.8	3.1	3.1	2.9	2.8	4.2	3.8	2.1	3.1	2.1	1.9	(X)	(X)
1965-----	3.0	3.2	3.3	3.1	3.1	4.4	4.1	2.8	3.7	3.4	4.7	5.9	(X)
1966-----	3.1	3.3	3.4	3.2	3.2	4.4	4.1	2.9	3.8	3.6	4.8	5.7	5.4

X Not applicable.

Source: Dept. of Commerce, Office of Business Economics; unpublished data.

## No. 458. GROWTH RATES OF GROSS NATIONAL PRODUCT—INTERNATIONAL COMPARISONS, SELECTED PERIODS: 1913 TO 1964

[Percent. Rates represent average annual compounded changes in output from initial to terminal year of periods shown. National price shifts adjusted to intrinsic 1958 currencies and their physical equivalents without normal business cycle offsets. For details concerning methodology, see source]

PERIOD	United States <sup>1</sup>	Canada	France <sup>2</sup>	Germany Fed. Rep.	Italy	United Kingdom	Japan
TOTAL							
1913-1929-----	3.1	2.4	1.7	0.4	1.8	0.8	3.9
1929-1964-----	3.2	3.6	1.9	3.9	2.9	2.2	4.2
1929-1950-----	2.9	3.2	—	1.9	1.0	1.6	0.6
1950-1964-----	3.6	4.3	4.8	7.0	5.8	3.0	9.9
1950-1960-----	3.2	4.0	4.6	7.8	5.8	2.7	9.4
1960-1964-----	4.3	5.1	5.4	4.8	5.7	3.6	11.4
PER CAPITA							
1913-1929-----	1.7	0.7	1.8	—	1.2	0.3	(NA)
1929-1964-----	1.8	1.8	1.4	<sup>3</sup> 2.8	2.2	1.7	(NA)
1929-1950-----	1.7	1.8	—	0.7	0.3	1.2	(NA)
1950-1964-----	1.9	1.8	3.8	<sup>3</sup> 5.9	5.2	2.4	8.7
1950-1960-----	1.5	1.3	3.7	6.9	5.2	2.3	8.1
1960-1964-----	2.7	3.2	3.9	<sup>3</sup> 3.5	5.0	2.7	10.3

— Represents zero. NA Not available.

<sup>1</sup> Represents adjustment of official series shown in table 457 by addition of military retirement and mustering out payments, research transfers, depreciation on Government buildings, and certain personal taxes and by subtraction of net interest originating in households and institutions.

<sup>2</sup> Beginning 1953, data not strictly comparable with earlier years.

<sup>3</sup> Beginning 1960, includes Saar and West Berlin.

Source: Dept. of Commerce, Bureau of the Census; *Long Term Economic Growth*.



## No. 459. PERSONAL CONSUMPTION EXPENDITURES, BY TYPE OF PRODUCT: 1950 TO 1965

[In billions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. Represents market value of goods and services purchased by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. Includes rental value of owner-occupied houses, but not purchases of dwellings (which are classified as capital goods). See also *Historical Statistics, Colonial Times to 1957*, series G 191-218]

TYPE OF PRODUCT	1950	1955	1960	1962	1963	1964	1965
<b>Total consumption</b> <sup>1</sup> -----	<b>191.0</b>	<b>254.4</b>	<b>325.2</b>	<b>355.1</b>	<b>375.0</b>	<b>401.4</b>	<b>431.5</b>
Food, beverages, and tobacco-----	58.1	72.2	87.5	93.1	96.0	100.7	106.8
Purchased meals and beverages <sup>2</sup> -----	11.1	13.8	16.2	17.0	17.5	18.6	19.9
Food (excl. alcoholic beverages)-----	46.0	58.1	70.1	74.4	76.5	80.4	85.4
Alcoholic beverages-----	7.9	9.1	10.4	11.3	11.7	12.4	12.9
Tobacco-----	4.3	5.0	7.0	7.4	7.8	7.9	8.4
Clothing, accessories, and jewelry <sup>3</sup> -----	23.7	28.0	33.0	35.7	37.0	40.6	43.4
Women's and children's, except footwear--	10.0	12.4	14.8	16.1	16.7	18.4	19.8
Men's and boys', except footwear-----	6.0	7.0	8.0	8.7	9.0	9.9	10.7
Jewelry and watches-----	1.3	1.7	2.1	2.3	2.4	2.6	2.8
Shoes, and shoe cleaning and repair-----	3.5	3.8	4.7	5.0	5.1	5.5	5.7
Personal care-----	2.4	3.5	5.3	6.2	6.5	7.0	7.5
Housing-----	21.3	33.7	46.3	52.0	55.4	59.2	63.2
Household operations <sup>3</sup> -----	29.5	37.3	46.9	51.2	54.1	58.2	61.9
Furniture, equipment, and supplies-----	16.6	19.5	22.8	24.7	26.2	28.9	30.9
Electricity-----	2.1	3.5	5.1	5.7	6.0	6.3	6.6
Gas-----	1.2	2.0	3.2	3.6	3.8	3.9	4.0
Water, other fuels, and ice-----	4.0	4.7	5.5	5.9	6.4	6.7	7.2
Telephone and telegraph-----	1.9	3.1	4.5	5.1	5.5	5.9	6.4
Domestic service-----	2.6	3.1	3.8	3.8	3.8	3.9	4.0
Medical care expenses-----	8.8	12.8	19.1	22.0	23.3	25.7	28.1
Personal business <sup>3</sup> -----	6.9	10.0	15.0	16.5	18.4	20.1	22.1
Services furnished without payment by financial intermediaries, except insurance companies-----	1.9	3.2	5.1	5.4	6.2	6.9	7.8
Expense of handling life insurance-----	1.8	2.4	3.5	3.9	4.5	4.8	5.2
Transportation-----	24.7	35.6	43.1	46.0	49.1	51.8	57.8
User-operated transportation <sup>3</sup> -----	21.9	32.6	39.8	42.5	45.7	48.2	54.1
New cars and net purchase of used cars--	11.5	16.8	17.7	19.5	21.5	22.8	26.7
Gasoline and oil-----	5.4	9.0	12.3	12.9	13.5	14.1	15.1
Purchased local transportation-----	1.9	1.9	2.0	2.0	2.0	2.0	2.0
Purchased intercity transportation-----	.9	1.1	1.3	1.5	1.5	1.6	1.8
Recreation-----	11.1	14.1	18.3	20.5	22.2	24.6	26.3
Private education and research-----	1.6	2.3	3.7	4.4	4.7	5.2	5.6
Religious and welfare activities-----	2.3	3.3	4.7	5.1	5.3	5.5	5.6
Foreign travel and other, net-----	.6	1.6	2.2	2.5	2.7	2.8	3.2
<b>Percent</b> -----	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Food, beverages, <sup>2</sup> and tobacco-----	30.4	28.4	26.9	26.2	25.6	25.1	24.8
Clothing, accessories, and jewelry-----	12.4	11.0	10.2	10.1	9.9	10.1	10.1
Personal care-----	1.3	1.4	1.6	1.8	1.7	1.8	1.7
Housing-----	11.1	13.3	14.2	14.6	14.8	14.7	14.6
Household operations-----	15.4	14.7	14.4	14.4	14.4	14.5	14.3
Medical care expenses-----	4.6	5.0	5.9	6.2	6.2	6.4	6.5
Personal business-----	3.6	4.0	4.6	4.6	4.9	5.0	5.1
Transportation-----	12.9	14.0	13.3	12.9	13.1	12.9	13.4
Recreation-----	5.8	5.5	5.6	5.8	5.9	6.1	6.1
Private education and research-----	0.8	0.9	1.1	1.2	1.3	1.3	1.3
Religious and welfare activities-----	1.2	1.3	1.5	1.4	1.4	1.4	1.3
Foreign travel and other, net-----	0.3	0.6	0.7	0.7	0.7	0.7	0.7

<sup>1</sup> Preliminary total for 1966 is \$464.9 billion; detail not available.

<sup>2</sup> Includes alcoholic beverages.

<sup>3</sup> Includes items not shown separately.

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*, and *Survey of Current Business*, February 1967.

## No. 460. NATIONAL INCOME, BY TYPE OF INCOME: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. For definition of national income, see text, p. 316. See also *Historical Statistics, Colonial Times to 1957*, series F 49-54]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
National income.....	241.1	331.0	414.5	457.7	481.9	517.3	559.0	609.9
Compensation of employees.....	154.6	224.5	294.2	323.6	341.0	365.7	392.9	433.3
Wages and salaries.....	146.8	211.3	270.8	296.1	311.1	333.6	358.4	392.3
Private.....	124.4	175.1	222.1	240.1	251.6	269.3	289.1	314.8
Military.....	5.0	9.8	9.9	10.8	10.8	11.7	12.1	14.6
Government civilian <sup>1</sup> .....	17.4	26.4	38.8	45.2	48.6	52.6	57.1	62.8
Supplements to wages and salaries.....	7.8	13.2	23.4	27.5	29.9	32.0	34.5	41.0
Employer contributions for social insurance.....	4.0	5.9	11.4	13.7	15.0	15.4	16.0	20.2
Other labor income.....	3.8	7.3	12.0	13.9	14.9	16.6	18.5	20.8
Employer contributions to private pension and welfare funds.....	2.7	5.7	9.7	11.4	12.2	13.7	15.4	(NA)
Other.....	1.1	1.6	2.3	2.5	2.7	3.0	3.1	(NA)
Proprietors' income.....	37.5	41.7	46.2	50.1	51.0	51.9	55.7	57.8
Business and professional.....	24.0	30.3	34.2	37.1	37.9	39.9	40.7	41.8
Income of unincorporated enterprises.....	25.1	30.5	34.3	37.1	37.9	39.9	41.0	42.2
Inventory valuation adjustment.....	-1.1	-2	(-Z)	-	-	-	-4	-4
Farm.....	13.5	11.4	12.0	13.0	13.1	12.0	15.1	16.0
Rental income of persons.....	9.4	13.9	15.8	16.7	17.1	17.7	18.3	18.9
Corporate profits and inventory valuation adjustment.....	37.7	46.9	49.9	55.7	58.9	66.6	74.2	80.0
Profits before tax.....	42.6	48.6	49.7	55.4	59.4	67.0	75.7	82.1
Profits tax liability.....	17.8	21.6	23.0	24.2	26.3	28.4	31.2	33.8
Profits after tax.....	24.9	27.0	26.7	31.2	33.1	38.7	44.5	48.3
Dividends.....	8.8	10.5	13.4	15.2	16.5	17.3	19.2	20.9
Undistributed profits.....	16.0	16.5	13.2	16.0	16.6	21.3	25.3	27.3
Inventory valuation adjustment.....	-5.0	-1.7	.2	.3	-5	-4	-1.5	-2.1
Net interest.....	2.0	4.1	8.4	11.6	13.8	15.5	17.8	20.0

- Represents zero. NA Not available. Z Less than \$50 million.

<sup>1</sup> Comprises pay of employees of general government, of government enterprises, and of permanent U.S. residents employed in U.S. by foreign governments and international organizations.

## No. 461. NATIONAL INCOME, BY SECTOR: 1950 TO 1965

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. For definition of national income, see text, p. 316]

ITEM	1950	1955	1960	1962	1963	1964	1965
National income.....	241.1	331.0	414.5	457.7	481.9	517.3	559.0
Originating in business.....	212.6	286.0	351.4	384.8	404.4	433.0	468.6
Corporate business, including mutual financial institutions.....	134.0	188.0	234.1	256.4	270.4	292.3	317.5
Compensation of employees.....	98.6	144.6	188.8	205.9	216.3	231.4	249.0
Corporate profits and inventory valuation adjustment.....	36.7	45.3	48.0	53.1	56.4	63.6	71.0
Net interest.....	-1.3	-1.9	-2.8	-2.6	-2.4	-2.7	-2.5
Sole proprietorships and partnerships.....	62.7	73.6	85.0	92.0	95.0	99.0	106.3
Compensation of employees.....	24.9	31.5	37.7	40.4	42.2	45.1	48.3
Proprietors' income.....	37.2	41.4	45.8	49.7	50.6	51.5	55.4
Business and professional.....	23.8	29.9	33.9	36.7	37.5	39.5	40.3
Farm.....	13.5	11.4	12.0	13.0	13.1	12.0	15.1
Net interest.....	.5	.8	1.5	1.9	2.2	2.4	2.6
Other private business <sup>1</sup> .....	13.1	20.4	26.9	30.4	32.5	34.7	37.3
Compensation of employees.....	1.0	1.3	1.5	1.7	1.8	1.9	2.0
Proprietors' income—business and professional <sup>2</sup> .....	.2	.3	.4	.4	.4	.4	.4
Rental income of persons.....	9.4	13.9	15.8	16.7	17.1	17.7	18.3
Net interest.....	2.5	4.9	9.2	11.7	13.2	14.8	16.6
Government enterprises—compensation of employees.....	2.7	3.9	5.4	6.0	6.6	7.0	7.5
Originating in general government—compensation of employees.....	20.9	34.2	47.5	54.7	58.1	63.0	67.8
Originating in households and institutions <sup>3</sup> .....	6.4	9.1	13.2	15.0	16.0	17.3	18.3
Originating in rest of the world.....	1.2	1.8	2.4	3.3	3.4	4.0	4.3

<sup>1</sup> Includes producers' and consumers' cooperatives; nonprofit organizations, such as trade associations furnishing services to business; individually owned property including owner-occupied homes; and miscellaneous forms of business organization.

<sup>2</sup> Estimated patronage refunds and stock dividends paid by farmers' cooperatives.

<sup>3</sup> Includes private households, social and athletic clubs, labor organizations, nonprofit schools and hospitals, religious, charitable, and welfare organizations, and all other nonprofit organizations serving individuals.

Source of tables 460 and 461: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*, and *Survey of Current Business*, February 1967.

## No. 462. NATIONAL INCOME, BY INDUSTRIAL ORIGIN: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. National income (for definition, see text, p. 316) originating in each industry is the sum of factor costs incurred by the industry in production. Hence, it is net value added to production by industry, measured at factor costs. See also *Historical Statistics, Colonial Times to 1957*, series F 22-33]

INDUSTRY	1950	1955	1960	1962	1963	1964	1965	1966
All industries.....	241.1	331.0	414.5	457.7	481.9	518.1	562.4	616.7
Agriculture, forestry, and fisheries.....	17.6	15.4	16.9	18.5	18.6	18.0		22.7
Farms.....	16.9	14.5	15.9	17.3	17.4	16.6	19.5	21.2
Mining and construction.....	17.2	22.5	26.5	28.5	30.2	32.4	35.3	38.2
Manufacturing.....	76.2	107.9	125.8	137.0	143.8	155.6	171.8	192.1
Food and kindred products.....	7.7	10.3	12.2	12.8	13.4	14.3	14.4	15.9
Tobacco manufactures.....	.5	.7	1.0	1.1	1.2	1.2	1.1	1.2
Textile mill products.....	4.4	4.2	4.5	4.7	4.7	5.2	5.8	6.5
Apparel and other fabricated textile products.....	3.5	4.2	5.0	5.5	5.7	6.1	6.6	7.2
Paper and allied products.....	2.7	3.8	4.7	5.1	5.2	5.5	5.9	6.6
Printing, publishing, and allied industries.....	3.7	5.1	6.7	7.1	7.3	8.3	8.9	9.9
Chemicals and allied products.....	4.9	7.4	9.2	9.9	10.4	11.2	12.5	13.7
Petroleum refining and related industries.....	3.5	4.8	4.6	4.5	4.6	4.8	5.3	5.7
Rubber and misc. plastics products.....	1.3	2.2	2.8	3.2	3.3	3.6	4.0	4.5
Leather and leather products.....	1.1	1.4	1.6	1.7	1.7	1.8	1.8	2.1
Lumber and wood products, except furniture.....	3.0	3.4	3.3	3.3	3.5	3.9	4.2	4.4
Furniture and fixtures.....	1.4	1.8	2.1	2.3	2.4	2.6	2.9	3.2
Stone, clay, and glass products.....	2.8	4.0	4.6	4.7	5.1	5.4	5.7	6.1
Primary metal industries.....	7.4	10.5	11.1	10.9	11.5	13.1	14.7	16.3
Fabricated metal products.....	5.1	7.0	8.1	8.8	9.2	10.2	11.4	12.9
Machinery, except electrical.....	6.6	9.6	11.9	13.3	14.0	16.2	18.4	21.6
Electrical machinery.....	4.8	7.1	10.5	12.1	12.3	12.8	14.4	17.2
Transportation equipment and ordnance, except motor vehicles.....	2.3	6.6	8.3	9.8	10.4	10.8	11.4	13.8
Motor vehicles and motor vehicle equipment.....	6.6	9.6	8.5	10.3	11.8	12.5	15.3	15.1
Instruments.....	1.3	2.2	3.0	3.3	3.5	3.7	4.2	5.1
Misc. manufacturing industries.....	1.7	2.1	2.3	2.5	2.5	2.7	2.9	3.2
Transportation <sup>1</sup> .....	13.4	15.9	18.2	19.1	20.0	21.2	23.1	24.8
Railroad transportation.....	7.1	7.1	6.7	6.4	6.6	6.7	7.0	7.2
Local suburban and highway passenger.....	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0
Motor freight transportation and warehousing.....	2.8	4.3	5.8	6.6	6.9	7.4	8.2	8.9
Water transportation.....	1.0	1.4	1.7	1.7	1.8	2.0	2.0	2.3
Communication.....	3.3	5.7	8.2	9.3	9.8	10.5	11.2	12.4
Telephone and telegraph.....	3.0	5.0	7.3	8.3	8.7	9.4	10.0	11.0
Electric, gas, and sanitary services.....	3.9	6.2	8.9	9.7	10.3	11.0	11.4	12.1
Wholesale and retail trade.....	40.9	52.3	64.4	70.3	73.4	79.3	84.2	90.8
Wholesale trade.....	13.3	17.8	23.1	25.5	26.8	28.7	30.3	33.2
Retail trade.....	27.6	34.4	41.3	44.8	46.6	50.7	53.9	57.5
Finance, insurance, and real estate <sup>1</sup> .....	22.0	34.1	45.9	50.7	53.6	57.1	61.3	65.6
Banking.....	3.0	4.8	7.3	7.3	8.0	8.5	8.9	9.7
Insurance carriers.....	2.2	3.3	4.6	5.1	4.9	5.0	5.1	5.3
Insurance agents, brokers, and service.....	.8	1.4	1.9	2.2	2.3	2.5	2.7	2.8
Real estate.....	15.7	24.0	31.3	35.0	37.4	40.2	43.5	46.3
Services <sup>1</sup> .....	21.8	31.1	44.4	50.7	54.1	59.1	63.7	69.3
Hotels and other lodging places.....	1.4	1.7	2.1	2.3	2.4	2.6	2.8	3.2
Personal services.....	3.0	3.7	4.6	5.0	5.3	5.7	6.0	6.3
Medical and other health services.....	4.4	7.1	10.7	12.6	13.5	14.9	16.0	17.5
Legal services.....	1.3	1.9	2.6	3.2	3.4	3.7	4.0	4.3
Private households.....	2.6	3.1	3.8	3.8	3.8	3.9	4.0	4.0
Government and government enterprises.....	23.6	38.1	52.9	60.7	64.7	70.0	75.2	84.6
Federal—general government.....	10.8	18.4	21.9	24.3	25.3	27.1	28.5	32.7
Federal—government enterprises.....	1.9	2.6	3.7	4.1	4.4	4.7	5.0	5.5
State and local—general government.....	10.1	15.8	25.6	30.4	32.9	35.9	39.3	43.9
State and local—govt. enterprises.....	.8	1.3	1.8	1.9	2.1	2.3	2.4	2.6
Rest of the world.....	1.2	1.8	2.4	3.3	3.4	4.0	4.2	4.2

<sup>1</sup> Includes items not shown separately.

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*, and *Survey of Current Business*, May 1967.



## No. 463. PERSONAL INCOME AND DISPOSITION OF INCOME: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. For definition of personal income, see text, p. 316. See also *Historical Statistics, Colonial Times to 1957*, series F 8-9 and F 253]

ITEM	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>Personal income</b> .....	227.6	310.9	401.0	465.5	496.0	535.1	580.4
Wage and salary disbursements.....	146.7	211.3	270.8	311.1	333.6	358.4	392.3
Other labor income <sup>1</sup> .....	3.8	7.3	12.0	14.9	16.6	18.5	20.8
Proprietors' income.....	37.5	41.7	46.2	51.0	51.9	55.7	57.8
Business and professional.....	24.0	30.3	34.2	37.9	39.9	40.7	41.8
Farm.....	13.5	11.4	12.0	13.1	12.0	15.1	16.0
Rental income of persons.....	9.4	13.9	15.8	17.1	17.7	18.3	18.9
Dividends.....	8.8	10.5	13.4	16.5	17.3	19.2	20.9
Personal interest income.....	9.2	14.2	23.4	31.4	34.6	38.4	42.8
Transfer payments.....	15.1	17.3	28.5	35.3	36.8	39.7	44.6
Old-age and survivors insurance benefits.....	1.0	4.9	11.1	15.2	16.0	18.1	21.0
State unemployment insurance benefits.....	1.4	1.4	2.8	2.8	2.6	2.2	1.8
Veterans' benefits.....	4.9	4.3	4.6	5.0	5.3	5.6	6.1
Other.....	7.9	6.8	10.0	12.2	12.9	13.8	15.7
Less: Personal contributions for social insurance.....	2.9	5.2	9.3	11.8	12.5	13.2	17.6
<b>Less: Personal tax and nontax payments</b> .....	20.7	35.5	50.9	60.9	59.4	66.0	75.1
<b>Equals: Disposable personal income</b> .....	206.9	275.3	350.0	404.6	436.6	469.1	505.3
<b>Less: Personal outlays</b> .....	193.9	259.5	333.0	384.7	412.1	443.4	478.3
Personal consumption expenditures.....	191.0	254.4	325.2	375.0	401.4	431.5	464.9
Interest paid by consumers.....	2.4	4.7	7.3	9.1	10.1	11.3	12.7
Personal transfer payments to foreigners.....	.4	.4	.5	.6	.6	.6	.6
<b>Equals: Personal saving</b> .....	13.1	15.8	17.0	19.9	24.5	25.7	27.0

<sup>1</sup> Comprises employer contributions under private pension and related plans, compensation for injuries, and other payments.

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*, and *Survey of Current Business*, February 1967.

## No. 464. DISPOSABLE PERSONAL INCOME AND PERSONAL CONSUMPTION EXPENDITURES IN CURRENT AND 1958 PRICES, AND PERSONAL NET SAVING IN CURRENT PRICES: 1929 TO 1966

[Prior to 1960, excludes Alaska and Hawaii]

ITEM	1929	1933	1940	1945	1950	1955	1960	1965	1966
<b>Disposable personal income:</b>									
Current prices.....bil. dol..	83.3	45.5	75.7	150.2	206.9	275.3	350.0	469.1	505.3
1958 prices <sup>1</sup> .....bil. dol..	150.6	112.2	166.3	229.7	249.6	296.7	340.2	430.8	451.6
<b>Per capita:</b>									
Current prices.....dol..	683	362	573	1,074	1,364	1,666	1,937	2,411	2,567
1958 prices <sup>1</sup> .....dol..	1,236	893	1,259	1,642	1,646	1,795	1,883	2,214	2,294
<b>Personal consumption expenditures:</b>									
Current prices.....bil. dol..	77.2	45.8	70.8	119.7	191.0	254.4	325.2	431.5	464.9
1958 prices.....bil. dol..	139.6	112.8	155.7	183.0	230.5	274.2	316.2	396.2	415.5
<b>Per capita:</b>									
Current prices.....dol..	634	364	536	855	1,259	1,539	1,800	2,218	2,362
1958 prices <sup>2</sup> .....dol..	1,145	897	1,178	1,308	1,520	1,659	1,750	2,036	2,111
<b>Personal net saving:<sup>3</sup></b>									
Current prices.....bil. dol..	4.2	-.9	3.8	29.6	13.1	15.8	17.0	25.7	27.0
Percent of disposable personal income.....	5.0	-2.0	5.1	19.7	6.3	5.7	4.9	5.5	5.3
<b>Population <sup>4</sup>.....1,000..</b>	121,875	125,690	132,122	139,928	151,684	165,275	180,684	194,572	196,842

<sup>1</sup> Dollar estimates in current prices divided by the implicit deflator for the personal consumption expenditures component of gross national product on a 1958 base.

<sup>2</sup> Total expenditures in 1958 prices divided by population.

<sup>3</sup> Disposable personal income less personal outlays (personal consumption expenditures plus interest paid by consumers plus personal transfer payments to foreigners) equals personal net saving.

<sup>4</sup> Population as of July 1; includes Armed Forces abroad. See *Current Population Reports*, series P-25, No. 361.

Source: Dept. of Commerce, Office of Business Economics and Bureau of the Census; and Executive Office of the President, Council of Economic Advisers. In *Economic Report of the President*, January 1967.

## No. 465. PERSONAL INCOME, 1950 TO 1966, AND RANK ORDER, 1966, BY STATES

[Represents a measure of current income received from all sources during the calendar year by the residents of each State; hence, totals differ from those in tables 454, 456, and 463. See text, p. 316]

STATE	AMOUNT (billions of dollars)						PER CAPITA (dollars)						1966 (prel.)	
	1950	1955	1960	1964	1965	1966 (prel.)	1950	1955	1960	1964	1965		In- come	Rank
U.S. <sup>1</sup> -----	226.2	308.3	398.7	493.4	532.1	575.9	1,496	1,876	2,215	2,579	2,746	2,940	(X)	
N.E.-----	14.9	20.0	25.5	31.3	33.4	36.2	1,601	2,030	2,425	2,843	2,995	3,223	(X)	
Maine-----	1.1	1.4	1.8	2.1	2.2	2.4	1,185	1,551	1,844	2,122	2,277	2,438		38
N.H.-----	.7	1.0	1.3	1.6	1.7	1.9	1,323	1,765	2,143	2,428	2,547	2,761		27
Vt.-----	.4	.5	.7	.9	.9	1.0	1,121	1,464	1,841	2,130	2,312	2,590		30
Mass.-----	7.7	9.9	12.7	15.4	16.3	17.6	1,633	2,026	2,459	2,910	3,050	3,271		11
R.I.-----	1.3	1.6	1.9	2.3	2.5	2.7	1,606	1,961	2,211	2,652	2,823	2,980		17
Conn.-----	3.8	5.6	7.1	9.0	9.6	10.6	1,875	2,414	2,807	3,234	3,401	3,678		2
M.A.-----	53.0	69.8	88.2	106.2	113.1	121.3	1,751	2,154	2,573	2,944	3,310	3,301	(X)	
N.Y.-----	27.8	36.5	46.3	55.9	59.4	63.5	1,873	2,283	2,746	3,127	3,278	3,480		5
N.J.-----	8.9	12.7	16.5	20.5	22.0	23.5	1,834	2,306	2,708	3,069	3,237	3,414		7
Pa.-----	16.2	20.7	25.4	29.8	31.8	34.2	1,514	1,889	2,242	2,588	2,747	2,951		18
E.N.C.-----	50.8	70.8	86.5	104.4	114.1	123.1	1,666	2,095	2,383	2,766	2,985	3,198	(X)	
Ohio-----	12.9	18.8	22.7	26.7	29.0	31.2	1,620	2,081	2,334	2,641	2,829	3,027		16
Ind.-----	6.0	8.3	10.2	12.6	13.9	15.1	1,512	1,894	2,188	2,599	2,846	3,061		15
Ill.-----	15.9	21.2	26.7	32.1	34.9	37.6	1,825	2,243	2,650	3,050	3,280	3,511		4
Mich.-----	10.9	15.9	18.2	22.6	25.0	27.0	1,700	2,183	2,324	2,772	3,010	3,219		13
Wis.-----	5.1	6.7	8.6	10.4	11.3	12.2	1,477	1,816	2,175	2,534	2,724	2,935		20
W.N.C.-----	20.1	24.8	31.9	37.9	41.6	44.7	1,428	1,681	2,067	2,395	2,624	2,820	(X)	
Minn.-----	4.2	5.5	7.2	8.6	9.5	10.2	1,410	1,729	2,116	2,440	2,666	2,871		23
Iowa.-----	3.9	4.3	5.5	6.6	7.4	8.1	1,485	1,608	1,986	2,392	2,676	2,931		21
Mo.-----	5.7	7.5	9.1	11.0	12.0	12.8	1,431	1,802	2,115	2,458	2,663	2,845		24
N. Dak.-----	.8	.8	1.1	1.3	1.5	1.6	1,263	1,379	1,715	1,991	2,279	2,400		39
S. Dak.-----	.8	.9	1.2	1.3	1.5	1.6	1,243	1,293	1,782	1,877	2,213	2,355		40
Nebr.-----	2.0	2.2	3.0	3.5	3.8	4.1	1,491	1,595	2,110	2,383	2,629	2,819		25
Kans.-----	2.8	3.6	4.7	5.6	5.9	6.3	1,443	1,732	2,161	2,488	2,639	2,814		26
S.A.-----	25.7	35.8	47.8	62.6	68.0	74.3	1,211	1,541	1,832	2,213	2,364	2,542	(X)	
Del.-----	.7	1.0	1.2	1.5	1.7	1.8	2,131	2,519	2,757	3,121	3,392	3,563		3
Md.-----	3.8	5.5	7.3	9.7	10.6	11.6	1,602	1,994	2,343	2,828	3,001	3,220		12
D.C.-----	1.8	1.9	2.3	2.8	3.0	3.2	2,221	2,483	3,017	3,527	3,708	3,969		1
Va.-----	4.1	5.6	7.3	9.9	10.7	11.6	1,228	1,571	1,841	2,264	2,419	2,581		31
W. Va.-----	2.1	2.5	3.0	3.4	3.7	3.9	1,065	1,326	1,594	1,891	2,027	2,195		47
N.C.-----	4.2	5.6	7.1	9.3	10.1	11.2	1,037	1,313	1,561	1,918	2,041	2,235		44
S.C.-----	1.9	2.6	3.3	4.3	4.7	5.2	893	1,181	1,377	1,696	1,846	2,027		49
Ga.-----	3.6	5.0	6.5	8.6	9.5	10.3	1,034	1,375	1,639	2,004	2,159	2,311		41
Fla.-----	3.6	6.1	9.7	12.9	14.0	15.3	1,281	1,620	1,950	2,285	2,423	2,576		32
E.S.C.-----	10.5	14.1	17.8	22.6	24.6	26.8	915	1,234	1,475	1,781	1,920	2,076	(X)	
Ky.-----	2.9	3.9	4.8	6.0	6.5	7.0	981	1,329	1,574	1,887	2,045	2,205		45
Tenn.-----	3.3	4.4	5.5	7.1	7.7	8.5	994	1,281	1,543	1,874	2,013	2,199		46
Ala.-----	2.7	3.8	4.9	6.1	6.7	7.2	880	1,233	1,488	1,777	1,910	2,039		48
Miss.-----	1.6	2.1	2.6	3.4	3.7	4.1	755	1,020	1,205	1,485	1,608	1,751		51
W.S.C.-----	17.6	23.9	30.7	38.3	41.3	45.1	1,230	1,535	1,806	2,093	2,228	2,404	(X)	
Ark.-----	1.6	2.0	2.5	3.4	3.6	3.9	825	1,142	1,372	1,740	1,845	2,015		50
La.-----	3.0	4.1	5.4	6.8	7.4	8.1	1,120	1,396	1,655	1,936	2,067	2,257		43
Okla.-----	2.5	3.4	4.4	5.2	5.6	6.0	1,143	1,507	1,861	2,111	2,289	2,456		36
Texas.-----	10.5	14.4	18.5	23.0	24.8	27.0	1,349	1,667	1,925	2,208	2,338	2,511		34
Mt.-----	7.2	10.2	14.4	18.0	19.1	20.6	1,418	1,732	2,095	2,366	2,501	2,636	(X)	
Mont.-----	1.0	1.2	1.4	1.6	1.7	1.8	1,622	1,852	2,037	2,255	2,438	2,615		29
Idaho.-----	.8	1.0	1.2	1.5	1.7	1.7	1,295	1,539	1,849	2,131	2,395	2,441		37
Wyo.-----	.5	.6	.7	.8	.8	.9	1,669	1,857	2,263	2,429	2,558	2,686		28
Colo.-----	2.0	2.8	4.0	5.0	5.3	5.7	1,487	1,814	2,275	2,559	2,710	2,872		22
N. Mex.-----	.8	1.2	1.8	2.1	2.2	2.4	1,177	1,504	1,890	2,090	2,193	2,310		42
Ariz.-----	1.0	1.7	2.7	3.5	3.7	4.1	1,331	1,677	2,032	2,272	2,370	2,528		33
Utah.-----	.9	1.3	1.8	2.2	2.3	2.5	1,309	1,625	1,968	2,268	2,355	2,530		35
Nev.-----	.3	.6	.8	1.4	1.4	1.5	2,019	2,549	2,856	3,232	3,311	3,330		8
Pac. <sup>1</sup> -----	26.3	38.9	55.8	72.1	76.8	83.9	1,806	2,235	2,613	3,028	3,164	3,378	(X)	
Wash.-----	4.0	5.3	6.7	8.1	8.6	9.8	1,674	2,038	2,349	2,714	2,906	3,200		9
Oreg.-----	2.5	3.2	4.0	4.9	5.4	5.7	1,620	1,928	2,235	2,600	2,761	2,938		19
Calif.-----	19.8	30.4	43.0	56.4	60.0	65.2	1,852	2,313	2,710	3,133	3,258	3,449		6
Alaska.-----	.3	.5	.6	.8	.9	.9	2,385	2,275	2,846	3,082	3,187	3,272		10
Hawaii.-----	.7	1.0	1.5	1.9	2.0	2.2	1,387	1,837	2,369	2,775	2,879	3,143		14

X Not applicable.

<sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, August 1966 and April 1967.



[In millions of dollars.]

	STATE	Personal income, total	WAGE AND SALARY DISBURSEMENTS									Services
			Total	Farms	Mining	Contract construction	Manufacturing	Wholesale and retail trade	Finance, insurance, and real estate	Transportation	Communications and public utilities	
1	United States	532, 147	355, 429	2, 699	4, 314	21, 105	115, 509	59, 166	16, 777	17, 217	10, 328	41, 357
2	New England	33, 383	22, 708	83	26	1, 254	8, 854	3, 609	1, 182	708	646	2, 792
3	Maine	2, 245	1, 428	18	2	88	514	222	49	55	40	129
4	New Hampshire	1, 714	1, 175	5	2	63	475	172	47	28	35	131
5	Vermont	934	591	8	6	38	203	85	22	23	18	90
6	Massachusetts	16, 349	11, 178	23	9	593	3, 951	1, 914	616	380	334	1, 550
7	Rhode Island	2, 515	1, 736	4	1	94	649	267	79	49	47	178
8	Connecticut	9, 626	6, 600	24	7	377	3, 062	949	370	173	172	712
9	Middle Atlantic	113, 116	76, 537	172	394	3, 880	27, 088	12, 765	4, 586	4, 055	2, 377	9, 999
10	New York	59, 350	39, 348	75	75	1, 859	11, 633	7, 056	3, 000	2, 146	1, 278	5, 914
11	New Jersey	21, 950	15, 622	46	34	928	6, 238	2, 535	723	830	450	1, 820
12	Pennsylvania	31, 816	21, 567	51	285	1, 093	9, 217	3, 174	863	1, 079	649	2, 265
13	East North Central	114, 109	78, 661	243	496	4, 328	34, 748	12, 422	3, 017	3, 539	2, 036	7, 496
14	Ohio	28, 972	20, 221	46	136	1, 075	9, 323	3, 079	703	919	502	1, 827
15	Indiana	13, 924	9, 583	35	57	559	4, 560	1, 396	341	426	239	718
16	Illinois	34, 903	23, 763	68	190	1, 361	8, 901	4, 291	1, 184	1, 359	657	2, 658
17	Michigan	25, 031	17, 756	49	95	912	8, 775	2, 506	520	550	444	1, 600
18	Wisconsin	11, 279	7, 338	46	18	421	3, 188	1, 150	270	285	194	693
19	West North Central	41, 609	24, 455	264	288	1, 600	6, 713	4, 692	1, 193	1, 521	779	2, 776
20	Minnesota	9, 495	6, 024	46	106	422	1, 694	1, 189	302	362	172	748
21	Iowa	7, 381	3, 868	66	20	227	1, 232	735	185	183	126	403
22	Missouri	11, 961	7, 549	45	48	479	2, 364	1, 423	371	503	238	843
23	North Dakota	1, 486	732	24	11	74	40	162	29	43	28	91
24	South Dakota	1, 518	712	15	14	45	73	154	32	30	28	96
25	Nebraska	3, 836	2, 027	33	10	135	384	396	124	154	66	243
26	Kansas	5, 932	3, 543	35	78	218	926	633	150	248	120	353
27	South Atlantic	67, 951	46, 584	397	513	2, 953	12, 063	7, 379	2, 005	2, 148	1, 267	5, 359
28	Delaware	1, 706	1, 081	6	1	81	485	134	37	38	23	106
29	Maryland	10, 604	7, 762	24	18	515	1, 736	1, 194	342	352	220	926
30	Dist. of Col.	2, 974	1, 997	-	(Z)	72	68	209	73	48	57	382
31	Virginia	10, 691	7, 816	49	74	506	1, 673	1, 112	304	379	187	812
32	West Virginia	3, 679	2, 466	8	311	129	804	321	66	144	107	206
33	North Carolina	10, 070	6, 844	87	15	363	2, 597	1, 051	264	287	152	639
34	South Carolina	4, 708	3, 306	32	8	182	1, 322	411	108	93	69	306
35	Georgia	9, 478	6, 601	54	29	348	1, 962	1, 173	313	355	190	648
36	Florida	14, 041	8, 711	137	57	757	1, 416	1, 774	498	452	262	1, 334
37	East South Central	24, 610	15, 981	159	266	935	5, 198	2, 460	612	730	409	1, 697
38	Kentucky	6, 489	4, 061	40	146	254	1, 260	637	146	228	116	388
39	Tennessee	7, 749	5, 182	33	35	278	1, 845	854	217	247	96	547
40	Alabama	6, 660	4, 515	29	49	261	1, 449	642	170	176	126	509
41	Mississippi	3, 712	2, 223	57	36	142	644	327	79	79	71	253
42	West South Central	41, 304	26, 184	351	1, 454	1, 760	5, 589	4, 766	1, 202	1, 495	853	2, 908
43	Arkansas	3, 581	2, 043	76	26	146	571	340	81	116	68	221
44	Louisiana	7, 359	4, 795	42	350	415	949	830	202	340	163	537
45	Oklahoma	5, 603	3, 392	25	292	183	599	591	148	178	115	348
46	Texas	24, 761	15, 954	208	786	1, 016	3, 470	3, 005	771	861	507	1, 802
47	Mountain	19, 235	12, 622	226	586	947	1, 838	2, 160	531	673	451	1, 834
48	Montana	1, 714	1, 004	29	50	82	135	181	35	80	37	99
49	Idaho	1, 660	949	40	22	81	180	178	34	49	33	116
50	Wyoming	844	530	19	61	46	41	79	16	46	21	51
51	Colorado	5, 282	3, 446	42	91	252	592	646	169	188	124	425
52	New Mexico	2, 224	1, 543	22	118	113	100	218	57	64	59	269
53	Arizona	3, 733	2, 448	52	132	166	425	422	120	92	92	319
54	Utah	2, 341	1, 636	13	84	103	316	284	63	104	48	160
55	Nevada	1, 437	1, 066	9	28	104	49	152	37	50	37	395
56	Pacific	76, 830	51, 695	807	293	3, 447	13, 420	8, 912	2, 448	2, 346	1, 510	6, 496
57	Washington	8, 641	5, 734	61	14	368	1, 652	1, 010	248	315	130	578
58	Oregon	5, 350	3, 489	57	12	250	1, 014	665	144	223	113	342
59	California	59, 958	40, 279	626	255	2, 627	10, 591	6, 950	1, 968	1, 708	1, 198	5, 344
60	Alaska	981	716	1	12	75	37	73	16	35	29	55
61	Hawaii	2, 030	1, 477	62	(Z)	127	126	214	72	65	40	177

- Represents zero. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Comprises agricultural and similar service establishments, forestry, fisheries, and rest of world.<sup>2</sup> Comprises employer contributions to private pension, health, and welfare funds; compensation for injuries; pay of military reservists; directors' fees; and several other minor items.



## SOURCES, BY STATES: 1965

See headnote, table 465]

WAGE AND SALARY DISBURSEMENTS—Con.				Other labor income <sup>2</sup>	PROPRIETORS' INCOME		Property income	Trans-fer pay-ments	Less: Per-sonal con-tributions for social insurance	Farm in-come <sup>3</sup>	Govern-ment income dis-burse-ments <sup>4</sup>	Pri-vate non-farm in-come	
Federal Government		State and local gov-ernments	Other <sup>1</sup>		Farm	Non-farm							
Civilian	Mili-tary												
18, 040	9, 743	38, 465	709	18, 531	15, 091	40, 654	75, 920	39, 702	13, 178	17, 497	103, 732	410, 918	1
834	510	2, 153	58	1, 246	242	2, 370	5, 134	2, 523	840	319	5, 874	27, 190	2
76	76	154	5	73	108	169	313	210	56	124	511	1, 610	3
62	43	109	2	64	8	125	248	137	44	13	346	1, 355	4
23	4	70	1	34	32	79	132	89	23	39	185	710	5
456	211	1, 108	32	603	48	1, 130	2, 491	1, 317	417	70	3, 003	13, 276	6
97	112	156	4	92	3	165	372	220	72	6	565	1, 944	7
120	64	556	14	381	44	702	1, 579	550	228	67	1, 264	8, 295	8
2, 650	634	7, 821	117	4, 155	651	8, 598	17, 598	8, 384	2, 808	807	19, 044	93, 265	9
1, 246	276	4, 724	66	2, 024	317	4, 660	10, 041	4, 386	1, 426	384	10, 335	48, 631	10
483	221	1, 289	26	888	70	1, 538	2, 972	1, 418	558	113	3, 332	18, 505	11
921	137	1, 808	25	1, 243	264	2, 400	4, 585	2, 580	824	310	5, 377	26, 129	12
2, 146	610	7, 483	98	4, 619	2, 735	8, 158	15, 289	7, 370	2, 722	2, 928	17, 373	93, 808	13
722	143	1, 719	28	1, 259	403	2, 008	3, 833	1, 993	744	441	4, 477	24, 054	14
242	61	941	9	564	577	982	1, 649	880	311	602	2, 124	11, 198	15
692	248	2, 126	29	1, 296	1, 003	2, 502	5, 044	2, 149	854	1, 053	5, 120	28, 730	16
338	121	1, 827	20	1, 080	250	1, 775	3, 169	1, 542	541	294	3, 807	20, 930	17
152	37	871	12	420	502	891	1, 594	807	272	538	1, 845	8, 896	18
1, 066	550	2, 960	53	1, 228	3, 960	3, 471	6, 268	3, 182	953	4, 155	7, 828	29, 626	19
184	36	751	11	308	600	736	1, 326	726	226	636	1, 669	7, 190	20
139	17	523	12	197	1, 107	709	1, 119	542	161	1, 154	1, 266	4, 961	21
374	146	706	10	400	604	940	1, 789	960	281	639	2, 169	9, 153	22
48	58	122	2	27	316	116	215	112	32	334	351	801	23
62	35	125	3	29	321	136	228	126	32	331	361	826	24
107	93	276	6	91	527	334	670	270	84	550	777	2, 509	25
152	164	457	8	176	485	500	921	444	137	511	1, 235	4, 186	26
4, 801	2, 837	4, 730	132	2, 140	1, 928	4, 600	9, 100	5, 297	1, 701	2, 286	17, 302	48, 363	27
30	38	100	2	62	39	88	376	90	30	44	261	1, 401	28
1, 325	344	754	13	334	103	722	1, 329	652	299	125	2, 986	7, 493	29
827	120	123	18	60	—	137	517	351	88	—	1, 370	1, 604	30
1, 265	725	718	12	317	221	656	1, 260	703	281	265	3, 341	7, 085	31
73	15	282	2	152	31	239	460	417	87	39	796	2, 844	32
223	413	741	11	351	578	701	1, 122	718	243	655	2, 063	7, 352	33
184	273	311	6	173	203	314	486	341	116	232	1, 097	3, 379	34
443	439	617	29	318	405	680	1, 044	666	237	451	2, 122	6, 905	35
431	470	1, 084	39	373	348	1, 063	2, 506	1, 359	320	475	3, 266	10, 300	36
1, 111	587	1, 785	35	831	1, 391	1, 959	2, 860	2, 170	582	1, 526	5, 603	17, 481	37
197	209	434	7	211	404	568	782	611	148	437	1, 442	4, 610	38
316	107	600	7	275	298	649	917	621	192	326	1, 624	5, 799	39
470	160	464	11	230	306	454	732	586	164	330	1, 659	4, 671	40
128	111	287	10	115	383	288	429	352	78	433	878	2, 401	41
1, 494	1, 307	2, 949	57	1, 286	1, 974	3, 469	6, 120	3, 234	962	2, 288	8, 845	30, 171	42
105	57	230	7	109	383	320	432	375	81	452	766	2, 363	43
176	164	612	14	245	220	569	1, 072	625	167	258	1, 552	5, 549	44
320	183	403	8	163	300	495	840	542	128	320	1, 442	3, 841	45
893	903	1, 704	28	769	1, 071	2, 085	3, 776	1, 692	586	1, 258	5, 085	18, 418	46
1, 051	565	1, 735	21	550	903	1, 569	2, 635	1, 435	483	1, 110	4, 687	13, 438	47
75	47	151	2	47	181	142	244	142	47	206	417	1, 091	48
57	29	126	3	45	213	154	211	124	36	250	334	1, 076	49
37	25	87	1	23	36	80	134	62	20	54	211	579	50
270	183	459	4	148	194	473	754	398	132	232	1, 273	3, 777	51
168	108	244	3	60	91	145	273	164	54	111	669	1, 444	52
162	110	352	5	115	145	277	533	306	90	193	904	2, 636	53
225	27	205	2	74	41	186	307	164	68	53	609	1, 679	54
57	36	111	1	38	2	112	179	75	36	11	270	1, 156	55
2, 889	2, 144	6, 848	136	2, 473	1, 307	6, 462	10, 914	6, 107	2, 130	2, 078	17, 176	57, 576	56
352	260	732	15	284	217	746	1, 167	700	207	273	2, 004	6, 364	57
164	34	461	8	188	141	530	703	424	126	195	1, 068	4, 087	58
2, 034	1, 482	5, 393	105	1, 924	897	5, 009	8, 721	4, 848	1, 721	1, 498	13, 013	45, 447	59
140	141	97	5	23	1	49	51	35	23	1	407	443	60
199	227	165	3	54	51	128	272	100	53	111	684	1, 235	61

<sup>3</sup> Net income of farm proprietors, farm wages and farm "other" labor income, less personal contributions under the old-age, survivors, and disability insurance program.

<sup>4</sup> Income disbursed directly to persons by Federal and State and local governments. Comprises wages and salaries (net of employee contributions for social insurance), other labor income, interest, and transfer payments.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, August 1966.

No. 467. SUMMARY OF FLOW OF FUNDS/SAVINGS ACCOUNTS: 1966

[In billions of dollars. Preliminary. Financial uses of funds ("U") represent net acquisitions of assets; financial sources of funds ("S"), net changes in liabilities. Differences in total uses and sources of funds for transaction categories result from valuation, timing, and classification differences, and from statistical discrepancies. For explanation of general concepts, see text, p. 316. For description of sectors and types of transactions, see *Federal Reserve Bulletin*, August 1959. "N.e.c." means not elsewhere classified]

TRANSACTION CATEGORY	Nat'l saving and investment	All sectors		PRIVATE DOMESTIC NONFINANCIAL SECTORS						U.S. Government		FINANCIAL SECTORS						Rest of the world	
		Total		Households		Business		State and local governments		Total		Monetary authority		Commercial banks		Nonbank finance		Total	
		U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S	U	S
1 Gross saving.....	188.0	-	186.1	-	184.8	-	110.1	-	.7	-	-1.0	-	.1	-	2.2	-	1.9	-	-1.9
2 Capital consumption.....	118.1	-	118.1	-	117.1	-	63.9	-	.7	-	-	-	-	-	1.5	-	.5	-	-
3 Net saving (1-2).....	69.9	-	68.0	-	67.7	-	46.2	-	.2	-	-1.0	-	-	-	1.7	-	1.4	-	-1.9
4 Gross investment (5+10).....	185.0	185.3	-	185.4	-	71.4	-	93.3	-	3.3	-	2.1	-	-	-	1.1	-	-2.0	-
5 Private capital expenditures, net.....	186.0	186.0	-	185.5	-	92.3	-	69.4	-	.4	-	-	-	-	-	.4	-	-	-
6 Consumer durables.....	69.4	69.4	-	69.4	-	6.5	-	19.3	-	-	-	-	-	-	-	-	-	-	-
7 Residential construction.....	25.8	25.8	-	25.8	-	74.4	-	4.5	-	.4	-	-	-	-	-	.4	-	-	-
8 Plant and equipment.....	79.3	79.3	-	78.9	-	11.4	-	11.4	-	-	-	-	-	-	-	-	-	-	-
9 Inventory change.....	11.4	11.4	-	11.4	-	-20.8	-	9.2	-	2.9	-	1	-	2.1	-	.6	-	-2.0	-
10 Net financial investment (11-12).....	2.0	-7	-	20.5	-	19.3	-	-	-	52.5	-	4.2	-	17.5	-	30.8	-	3.3	-
11 Financial uses, net.....	5.4	135.0	-	71.6	-	40.1	-	9.0	-	49.6	-	4.1	-	15.4	-	-	-	-2.0	-
12 Financial sources.....	3.3	135.7	-	22.6	-	-	-	9.0	-	-	-	-	-	-	-	-	-	3.3	-
13 Gold and official U.S. foreign exchange.....	-	.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.6	-
14 Treasury.....	-	.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3	-
15 Demand deposits and currency.....	-	1.3	2.5	1.5	-	-	-	2.0	-	.7	-	2.4	-	-	-	.1	-	-	-
16 Time and savings accounts.....	-	20.3	20.3	19.8	-	-	-	1.3	-	.1	-	-	-	-	-	-	-	-	-
17 At commercial banks.....	-	13.2	13.2	12.5	-	-	-	1.3	-	-	-	-	-	13.2	-	-	-	.8	-
18 At savings institutions.....	-	7.0	7.3	7.3	-	-	-	-	-	-	-	-	-	13.2	-	-	-	-	-
19 Life insurance reserves.....	-	4.7	4.7	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Pension fund reserves.....	-	12.1	12.1	12.1	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-
21 Consolidated bank items <sup>1</sup> .....	-	2.2	2.2	-	-	-	-	-	-	2.2	-	1.9	-	1.9	-	-	-	-	-
22 Credit market instruments.....	-	76.5	76.4	20.1	-	22.5	-	5.8	-	49.4	-	3.5	-	16.5	-	29.5	-	-5.5	-
23 U.S. Govt. securities.....	-	6.7	6.7	7.7	-	-	-	1.0	-	1.5	-	3.5	-	-3.6	-	1.6	-	-1.6	-
24 State and local obligations.....	-	5.9	5.9	3.5	-	-	-	5.9	-	2.0	-	-	-	1.8	-	.2	-	-	-
25 Corporate and foreign bonds.....	-	11.9	11.9	10.1	-	10.1	-	4.9	-	4.7	-	-	-	-	-	4.7	-	1.1	-
26 Corporate stocks.....	-	4.1	4.1	-	-	-	-	-	-	5.3	-	-	-	-	-	5.3	-	3.5	-
27 1- to 4-family mortgages.....	-	11.4	11.4	4	-	12.4	-	.4	-	8.5	-	-	-	2.6	-	5.8	-	-2.2	-
28 Other mortgages.....	-	8.8	8.8	1.2	-	-	-	-	-	7.9	-	-	-	3.1	-	2.3	-	-	-
29 Consumer credit.....	-	7.1	7.1	7.1	-	1.6	-	-	-	5.5	-	-	-	3.1	-	2.3	-	-	-
30 Bank loans, n.e.c.....	-	8.1	8.1	-	-	10.7	-	-	-	8.1	-	-	-	8.1	-	4.1	-	.3	-
31 Other loans.....	-	12.5	12.4	2.3	-	4.9	-	.4	-	6.0	-	-	-	1.9	-	4.1	-	.3	-
32 Security credit.....	-	-	-	1	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-
33 Taxes payable.....	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 Trade credit.....	-	14.2	7.4	12.4	-	6.9	-	1	-	.2	-	-	-	-	-	.2	-	-	-
35 Equity in noncorp. business.....	-	-6.0	-6.0	-6.0	-	-6.0	-	-	-	-	-	-	-	-	-	-	-	-	-
36 Misc. financial transactions.....	-	9.9	15.1	6.8	-	6.4	-	2	-	.5	-	-	-	-	-	1.5	-	2.8	-
37 Sector discrepancies (1-4).....	-	-	-	-6	-	2.6	-	.5	-	.9	-	-	-	.1	-	.8	-	.1	-

- Represents zero or rounds to zero. <sup>1</sup> Claims between commercial banks and monetary authorities: member bank reserves, vault cash, F.R. loans to banks, F.R. float, and stock of F.R. banks. Source: Board of Governors of the Federal Reserve System. Quarterly data in *Federal Reserve Bulletin*.

## No. 468. SAVING, INVESTMENT, AND FINANCIAL FLOWS: 1950 TO 1966

[In billions of dollars. Prior to 1960, Alaska and Hawaii only partially included. "N.e.c." means not elsewhere classified. See headnote, table 467]

TRANSACTION CATEGORY OR SECTOR	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>SAVING AND INVESTMENT</b>								
<b>Gross national saving</b> .....	80.8	104.4	122.8	134.5	144.5	159.4	178.4	188.0
Households.....	47.7	61.4	72.0	82.0	85.8	96.8	105.1	110.1
Farm and noncorporate business.....	7.4	10.1	12.5	13.1	13.5	14.4	15.0	15.5
Corporate nonfinancial business.....	17.9	29.2	34.4	41.8	43.9	50.8	55.3	58.6
U.S. Government.....	8.0	3.5	2.5	-4.8	-6	-4.3	.2	-1.0
State and local governments.....	-1.9	-2.5	-1.9	-1.4	-1.5	-1.4	-1.0	.7
Financial sectors.....	1.8	2.7	3.4	3.8	3.5	3.1	3.6	4.2
<b>Gross national investment</b> .....	82.3	107.0	120.9	133.9	143.8	157.0	176.4	188.0
Consumer durable goods.....	30.5	39.6	45.3	49.5	53.9	59.4	66.1	69.4
Business inventories.....	6.8	6.0	3.6	6.0	5.9	4.7	9.1	11.4
Gross private fixed investment.....	47.3	61.4	71.3	77.0	81.3	88.3	97.5	105.1
Households.....	17.1	23.0	22.5	21.9	22.4	23.2	23.7	23.8
Nonfinancial business.....	29.9	37.9	48.2	54.4	57.9	64.2	73.0	80.9
Financial sectors.....	.3	.6	.5	.6	1.0	.9	.8	.4
Net financial investment.....	-2.2	(Z)	.7	1.3	2.8	4.7	3.7	2.0
<b>Discrepancy</b> <sup>1</sup> .....	-1.5	-2.6	2.0	.7	.6	2.4	2.0	(Z)
<b>FINANCIAL FLOWS SUMMARY</b>								
<b>Net funds raised in credit markets by non-financial sectors</b> .....	24.8	36.0	33.0	54.2	58.5	67.0	72.1	70.0
Loans and short-term securities.....	(NA)	16.6	14.5	15.0	19.0	26.4	33.0	(NA)
Mortgages and long-term securities.....	(NA)	19.3	18.5	39.2	39.5	40.6	39.1	(NA)
By sector:								
U.S. Government.....	-8	(Z)	-1.9	7.9	5.0	7.0	3.5	6.7
Short-term direct market.....	(NA)	3.8	3.2	.6	1.4	4.0	3.5	(NA)
All other.....	(NA)	-3.8	-5.1	7.3	3.6	3.0	.1	(NA)
Foreign borrowers.....	.2	.3	1.9	2.1	3.3	4.4	2.6	1.1
Private domestic nonfinancial sectors.....	25.4	35.6	33.1	44.2	50.2	55.6	66.0	62.1
Loans.....	10.1	12.5	10.2	13.3	15.5	18.7	27.7	23.9
Consumer credit.....	4.1	6.4	4.5	5.5	7.3	8.0	9.4	7.1
Bank loans, n.e.c.....	5.0	5.3	2.9	4.8	5.4	6.5	13.6	9.8
Other loans.....	1.0	.8	2.8	3.0	2.7	4.2	4.7	7.0
Securities and mortgages.....	15.3	23.2	22.9	31.0	34.7	36.9	38.3	38.2
State and local obligations.....	2.7	3.3	3.6	5.0	6.7	5.9	7.4	5.9
Corporate securities.....	3.0	4.8	5.0	5.1	3.6	5.4	5.4	11.1
1- to 4-family mortgages.....	7.5	12.4	10.5	13.0	15.2	15.7	16.0	12.4
Other mortgages.....	2.0	2.6	3.8	7.9	9.3	10.0	9.5	8.8
<b>Net sources of credit</b> .....	24.8	36.0	33.0	54.2	58.5	67.0	72.1	70.0
Change in U.S. Government cash balance.....	-4	-7	.8	1.3	-4	.2	-1.0	-5
U.S. Government lending.....	1.2	1.5	2.2	3.3	2.7	3.8	4.7	7.5
Foreign funds.....	1.7	.8	1.8	2.2	1.9	2.5	.4	(Z)
Private insurance and pension reserves.....	5.1	6.4	8.1	9.0	10.1	11.1	11.6	12.8
Sources, n.e.c.....	4.8	3.9	6.0	4.0	4.7	5.4	7.4	6.9
Private domestic nonfinancial sectors.....	12.5	24.0	14.0	34.4	39.5	44.1	48.9	43.3
Liquid assets.....	(NA)	18.7	9.3	31.4	37.4	33.0	43.3	(NA)
Deposits.....	7.3	11.0	13.7	30.1	34.4	35.3	40.4	22.9
Demand deposits and currency.....	4.8	2.4	-1.3	2.1	5.9	6.5	7.8	3.1
Time and savings accounts.....	2.6	8.6	15.1	28.1	28.5	28.8	32.6	19.8
Short-term U.S. Govt. securities.....	(NA)	7.6	-4.4	1.3	3.0	-2.3	2.8	(NA)
Other U.S. Government securities.....	(NA)	(Z)	-6	.4	1.7	3.1	.2	(NA)
Private credit market instruments.....	2.3	6.2	5.1	2.5	2.3	7.8	6.1	13.3
Less net security debt.....	.4	.8	-3	-2	2.0	-2	.6	-3
<b>DIRECT LENDING IN CREDIT MARKETS</b>								
<b>Total funds raised</b> .....	24.8	36.0	33.0	54.2	58.5	67.0	72.1	70.0
Less change in U.S. Government cash.....	-4	-7	.9	1.3	-3	.2	-1.0	-4
<b>Funds supplied directly to credit markets</b> .....	25.3	36.6	32.1	52.9	58.8	66.8	73.1	70.4
Federal Reserve System, net.....	2.0	-1	.8	1.9	2.6	3.2	3.8	3.3
Commercial banks, net.....	6.5	5.7	7.8	18.2	19.7	21.7	29.3	17.1
Nonbank finance, net.....	9.1	15.6	19.8	23.8	28.0	28.9	27.1	22.7
U.S. Government.....	1.2	1.5	2.2	3.3	2.7	3.8	4.7	7.5
Foreign.....	1.3	1.0	1.3	1.5	.9	.6	-2	-5
Private domestic nonfinancial.....	5.2	13.0	.3	4.3	5.1	8.8	8.5	20.4
Households.....	.1	6.4	1.2	-1.7	.4	3.3	2.7	11.5
Business.....	4.3	5.4	-4.5	2.3	3.1	1.7	.9	2.8
State and local governments.....	1.2	1.9	3.3	3.6	3.5	3.6	5.5	5.8
Less net security debt.....	.4	.8	-3	-2	2.0	-2	.6	-3

NA Not available. Z Less than \$50 million. <sup>1</sup> Gross national saving minus gross national investment.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



No. 469. PERSONAL SAVING ESTIMATES: 1946 TO 1965

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Individuals' financial saving, in addition to personal holdings, covers saving of unincorporated business, trust funds, and nonprofit institutions. See also *Historical Statistics, Colonial Times to 1957*, series F 253 and F 262-303, for similar but not exactly comparable data]

PERSONAL SAVING	ANNUAL AVERAGE			1960	1962	1963	1964	1965
	1946-49	1950-55	1956-59					
Increase in financial assets <sup>1</sup>	8.9	17.1	25.4	18.5	37.0	42.4	49.3	52.5
Currency and demand deposits	(Z)	2.0	.6	-2.5	2.8	6.8	7.0	10.0
Time deposits	2.3	3.0	5.4	4.9	14.9	11.6	12.3	15.3
Savings shares	1.4	3.5	6.0	8.2	9.9	11.7	11.3	9.3
U.S. savings bonds	1.5	.2	-1.1	-2	.4	1.2	.9	.6
Other U.S. Government securities	-1.0	-1	2.8	-2.5	.3	.7	3.3	1.8
State and local government securities	.4	1.0	1.6	1.7	.3	1.8	2.4	2.4
Corporate and other bonds	-.4	.1	.7	.4	-1	.5	.9	2.3
Investment company shares	.2	.6	1.5	1.8	2.0	1.6	2.0	2.1
Other preferred and common stock	.7	.7	-.2	-2.1	-3.4	-4.3	-2.5	-4.4
Private insurance reserves	3.3	3.4	3.3	3.6	4.3	4.5	4.8	5.3
Private insured pension reserves	(2)	1.0	1.6	1.3	1.4	1.7	2.0	2.1
Private noninsured pension reserves	.4	1.7	3.1	4.0	4.2	4.5	4.9	5.6
Gross investment in tangible assets	18.7	29.6	33.8	34.9	37.5	39.1	39.5	43.5
Nonfarm homes	9.2	16.8	19.0	19.7	18.7	19.0	19.6	19.5
Noncorporate business structures, equipment and inventories	9.5	12.8	14.8	15.2	18.8	20.1	19.9	24.0
Capital consumption allowances	7.0	12.0	16.6	18.5	19.9	20.9	22.2	23.3
Nonfarm homes	2.3	3.8	5.6	6.6	7.4	7.9	8.4	8.9
Other	4.7	8.2	11.0	11.9	12.5	13.0	13.8	14.3
Net investment in tangible assets	11.7	17.6	17.3	16.4	17.6	18.3	17.3	20.2
Nonfarm homes	6.9	13.0	13.4	13.1	11.3	11.1	11.1	10.6
Other	4.9	4.6	3.8	3.2	6.3	7.2	6.2	9.6
Increase in debt	9.1	15.7	19.1	22.2	31.2	35.1	37.0	42.3
Mortgage debt on nonfarm homes	3.9	7.9	9.9	10.9	12.5	14.6	15.6	15.4
Other mortgage debt	.7	1.3	1.9	2.4	4.7	5.6	6.1	6.2
Consumer credit	2.6	3.3	3.0	4.2	5.0	6.3	6.5	9.0
Securities loans	-.6	.4	-.1	.3	1.1	.9	.1	(Z)
Other debt	2.5	2.8	4.3	4.5	7.9	7.7	8.8	11.6
Personal saving: <sup>3</sup>								
Securities and Exchange Commission	11.4	19.0	23.6	12.6	23.4	25.6	29.6	30.5
Office of Business Economics	11.3	16.5	20.7	17.0	21.6	19.9	24.5	25.7
Difference	.1	2.5	2.9	-4.4	1.9	5.7	5.1	4.8
Government insurance and pension reserves	2.0	1.4	2.7	3.2	3.7	4.0	4.6	5.0
Armed Forces leave bonds	.3	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Z Less than \$50 million.  
<sup>1</sup> Excludes changes in government insurance and pension reserves and Armed Forces leave bonds.  
<sup>2</sup> Insured pension reserves included with insurance reserves.  
<sup>3</sup> SEC and OBE data differ in definition of saving and in statistical methodologies of measuring saving. For example, conceptually, SEC saving includes, and OBE saving excludes, government insurance funds.  
Source: Securities and Exchange Commission, *Statistical Bulletin*; and Office of Business Economics, *The National Income and Product Accounts of the United States, 1929-1965*.

No. 470. SHARE OF MONEY INCOME RECEIVED BY FAMILY UNITS—BY INCOME RANK, 1960 AND 1965, AND BY INCOME GROUP, 1955, 1961, AND 1965

[A family unit is two or more people living in the same dwelling unit and related to each other by blood, marriage, or adoption. A single person unrelated to the other occupants in the dwelling unit or living alone is a family unit by himself]

FAMILY UNITS RANKED FROM LOWEST TO HIGHEST INCOME <sup>1</sup>	PERCENT OF TOTAL INCOME		LOWEST INCOME (dollars)		INCOME GROUP	SHARE OF TOTAL MONEY INCOME <sup>2</sup> (percent distribution)		
	1960	1965	1960	1965		1955	1961	1965
Lowest tenth	1	1	(NA)	(NA)	All income groups	100	100	100
Second tenth	3	3	1, 500	1, 870				
Third tenth	5	5	2, 640	3, 000				
Fourth tenth	7	6	3, 700	4, 290				
Fifth tenth	8	8	4, 600	5, 500				
Sixth tenth	9	9	5, 500	6, 670				
Seventh tenth	11	11	6, 275	8, 000				
Eighth tenth	13	13	7, 200	9, 220				
Ninth tenth	16	16	8, 593	11, 200				
Highest tenth	27	28	11, 090	14, 680				
					Under \$1,000	1	1	(Z)
					\$1,000 to \$1,999	3	2	1
					\$2,000 to \$2,999	6	4	3
					\$3,000 to \$3,999	9	5	3
					\$4,000 to \$4,999	11	7	4
					\$5,000 to \$5,999	13	10	6
					\$6,000 to \$7,499	15	14	11
					\$7,500 to \$9,999	15	19	19
					\$10,000 to \$14,999	14	19	26
					\$15,000 and over	13	19	27

NA Not available. Z Less than 0.5 percent.  
<sup>1</sup> Ranking based on size of money income before taxes. <sup>2</sup> Excludes Alaska and Hawaii.  
Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*.

**No. 471. PERCENT OF AGGREGATE INCOME RECEIVED BY EACH FIFTH AND TOP 5 PERCENT OF FAMILIES AND UNRELATED INDIVIDUALS: 1947 TO 1965**

ITEM AND INCOME RANK	1947	1950	1955	1958	1960	1963	1964	1965
<b>FAMILIES</b>								
Total.....	100	100	100	100	100	100	100	100
Lowest fifth.....	5	4	5	5	5	5	5	5
Second fifth.....	12	12	12	12	12	12	12	12
Middle fifth.....	17	17	18	18	18	17	18	18
Fourth fifth.....	23	24	23	24	23	24	24	24
Highest fifth.....	43	43	42	41	42	42	41	41
Top 5 percent.....	18	17	17	16	17	16	15	15
<b>UNRELATED INDIVIDUALS</b>								
Total.....	100	100	100	100	100	100	100	100
Lowest fifth.....	3	3	3	3	3	3	3	3
Second fifth.....	5	7	7	7	7	6	7	7
Middle fifth.....	12	13	13	13	13	13	13	13
Fourth fifth.....	21	27	25	25	26	25	24	25
Highest fifth.....	59	50	52	52	51	53	53	52
Top 5 percent.....	33	19	22	21	20	21	23	20

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

**No. 472. MONEY INCOME—PERCENT DISTRIBUTION OF FAMILIES BY INCOME LEVEL, BY COLOR OF HEAD: 1947 TO 1965**

[Prior to 1960, excludes Alaska and Hawaii. Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post but excludes all other members of the Armed Forces. Includes small number of families with no money income. For definition of family, see text, p. 3]

COLOR OF HEAD AND YEAR	INCOME LEVEL (percent distribution)											Median in- come <sup>1</sup>
	Total	Un- der \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 and over	
ALL FAMILIES												
1947-----	100.0	10.7	16.6	22.0	19.7	11.7	7.7	8.9		2.7		\$3,031
1950-----	100.0	11.5	13.2	17.9	20.6	13.6	9.0	5.2	5.8	3.2		3,319
1955-----	100.0	7.7	9.9	11.0	14.6	15.4	12.7	9.5	12.9	4.8	1.4	4,421
1960-----	100.0	5.0	8.0	8.7	9.8	10.5	12.8	10.8	20.0	10.6	3.7	5,620
1963-----	100.0	3.8	6.8	7.9	8.7	9.0	11.1	10.2	22.5	14.5	5.4	6,249
1964-----	100.0	3.2	6.3	8.1	8.4	8.6	9.9	9.9	23.2	16.2	6.3	6,569
1965-----	100.0	3.0	6.1	7.4	7.8	8.0	9.3	9.3	24.1	17.3	7.6	6,882
WHITE FAMILIES												
1947-----	100.0	9.0	14.9	22.3	20.8	12.4	8.1	9.5		3.0		3,157
1950-----	100.0	10.0	12.2	17.3	21.3	14.4	9.6	5.5	6.1	3.5		3,445
1955-----	100.0	6.6	8.7	10.4	14.3	16.0	13.4	9.9	13.9	5.3	1.5	4,605
1960-----	100.0	4.1	6.9	8.1	9.4	10.5	13.3	11.2	21.3	11.2	4.1	5,835
1963-----	100.0	3.2	5.8	6.9	8.2	8.8	11.3	10.5	23.8	15.6	5.9	6,548
1964-----	100.0	2.7	5.4	7.3	7.6	8.3	10.0	10.1	24.4	17.3	6.8	6,858
1965-----	100.0	2.6	5.2	6.6	7.2	7.8	9.4	9.5	25.3	18.4	8.2	7,170
NONWHITE FAMILIES												
1947-----	100.0	28.8	33.5	18.8	8.4	4.4	3.1	3.0		0.1		1,614
1950-----	100.0	28.1	25.3	23.5	13.5	4.3	1.9	1.5	1.7	0.3		1,869
1955-----	100.0	19.0	20.7	17.6	17.2	11.1	5.8	4.8	3.1	0.6	(Z)	2,549
1960-----	100.0	13.4	18.3	14.8	14.0	10.4	8.7	6.7	8.7	4.3	0.6	3,233
1963-----	100.0	9.2	16.3	17.6	13.5	10.9	8.7	7.3	10.8	4.1	1.6	3,465
1964-----	100.0	7.7	14.0	15.6	14.6	11.3	8.8	7.6	12.1	6.5	1.8	3,839
1965-----	100.0	7.5	14.0	14.5	14.4	10.6	8.8	6.9	13.8	7.7	2.0	3,971

Z Less than 0.05 percent. <sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

**No. 473. MONEY INCOME—PERCENT DISTRIBUTION OF FAMILIES AND UNRELATED INDIVIDUALS, BY INCOME LEVEL IN CONSTANT (1965) DOLLARS: 1947 TO 1965**

[Prior to 1960, excludes Alaska and Hawaii. Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Includes small number of families and unrelated individuals with no money income. For definitions, see text, p. 3]

ITEM AND INCOME LEVEL	1947	1950	1955	1960	1963	1964	1965
<b>FAMILIES</b>							
<b>Total</b> -----	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$3,000-----	30	30	24	20	18	17	17
\$3,000 to \$4,999-----	31	30	24	19	17	17	16
\$5,000 to \$6,999-----	19	20	24	22	21	19	18
\$7,000 to \$9,999-----	12	13	18	21	23	23	24
\$10,000 to \$14,999-----	8	7	8	13	15	17	17
\$15,000 and over-----			2	5	6	7	8
Median income <sup>1</sup> -----	\$4,275	\$4,351	\$5,223	\$5,991	\$6,444	\$6,676	\$6,882
<b>UNRELATED INDIVIDUALS</b>							
<b>Total</b> -----	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$1,500-----	52	52	49	44	43	42	39
\$1,500 to \$2,999-----	24	21	23	21	22	21	22
\$3,000 to \$4,999-----	17	20	18	19	16	17	17
\$5,000 to \$6,999-----	4	5	7	10	10	11	12
\$7,000 to \$9,999-----	1	1	2	4	6	6	7
\$10,000 and over-----	2	1	1	2	3	3	3
Median income <sup>1</sup> -----	\$1,407	\$1,421	\$1,561	\$1,857	\$1,862	\$2,017	\$2,110

<sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

**No. 474. MONEY INCOME—PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL IN CONSTANT (1965) DOLLARS, BY REGIONS: 1953 TO 1965**

[Prior to 1960, excludes Alaska and Hawaii. Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Includes small number of families with no money income. For composition of regions, see fig. I, p. xii]

REGION AND INCOME LEVEL	1953	1955	1958	1960	1963	1964	1965
<b>Northeast</b> -----	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$3,000-----	16	16	14	13	12	12	12
\$3,000 to \$4,999-----	28	26	21	18	16	14	14
\$5,000 to \$6,999-----	27	27	27	24	22	20	19
\$7,000 to \$9,999-----	19	20	23	24	26	26	26
\$10,000 to \$14,999-----	8	9	11	15	17	20	20
\$15,000 and over-----	2	2	4	6	7	8	9
Median income <sup>1</sup> -----	\$5,436	\$5,581	\$6,089	\$6,512	\$7,098	\$7,354	\$7,467
<b>North Central</b> -----	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$3,000-----	20	20	19	19	16	15	14
\$3,000 to \$4,999-----	24	22	23	18	15	15	15
\$5,000 to \$6,999-----	26	25	25	23	22	20	19
\$7,000 to \$9,999-----	18	21	21	24	25	26	26
\$10,000 to \$14,999-----	9	9	9	12	17	18	19
\$15,000 and over-----	3	3	3	4	5	6	7
Median income <sup>1</sup> -----	\$5,432	\$5,586	\$5,614	\$6,181	\$6,784	\$6,949	\$7,267
<b>South</b> -----	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$3,000-----	39	35	34	31	28	25	25
\$3,000 to \$4,999-----	25	24	23	22	21	21	19
\$5,000 to \$6,999-----	19	19	20	20	20	19	19
\$7,000 to \$9,999-----	11	14	15	16	17	19	20
\$10,000 to \$14,999-----	4	6	6	8	10	12	12
\$15,000 and over-----	2	2	2	3	4	4	5
Median income <sup>1</sup> -----	\$3,906	\$4,246	\$4,474	\$4,675	\$5,136	\$5,409	\$5,536
<b>West</b> -----	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$3,000-----	20	20	16	13	14	13	12
\$3,000 to \$4,999-----	24	22	19	15	16	15	15
\$5,000 to \$6,999-----	25	24	25	22	18	18	17
\$7,000 to \$9,999-----	19	21	24	25	25	25	25
\$10,000 to \$14,999-----	9	9	12	18	19	19	21
\$15,000 and over-----	3	4	4	7	8	10	10
Median income <sup>1</sup> -----	\$5,422	\$5,679	\$6,208	\$6,978	\$7,241	\$7,405	\$7,580

<sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.



## No. 475. MEDIAN MONEY INCOME OF FAMILIES, BY STATES: 1949 AND 1959

[Based on sample; for details, see source. For definition of median, see headnote, table 8]

STATE	1949	1959	Percent increase	STATE	1949	1959	Percent increase
<b>United States</b> .....	(NA)	\$5,660	(NA)	Mississippi	\$1,228	\$2,884	134.9
<b>Conterminous U.S.</b> <sup>1</sup>	\$3,083	5,657	83.5	Missouri	2,647	5,127	93.7
Alabama	1,820	3,937	116.3	Montana	3,292	5,403	64.1
Alaska	(NA)	7,305	(NA)	Nebraska	2,829	4,862	71.9
Arizona	2,861	5,568	94.6	Nevada	3,623	6,736	85.9
Arkansas	1,547	3,184	105.8	New Hampshire	2,875	5,636	96.0
California	3,603	6,726	86.7	New Jersey	3,720	6,786	82.4
Colorado	3,079	5,780	87.7	New Mexico	2,695	5,371	99.3
Connecticut	3,609	6,887	90.8	New York	3,559	6,371	79.0
Delaware	3,193	6,197	94.1	North Carolina	2,141	3,956	84.8
District of Columbia	3,832	5,993	56.4	North Dakota	2,939	4,530	54.1
Florida	2,429	4,722	94.4	Ohio	3,412	6,171	80.9
Georgia	1,902	4,208	121.2	Oklahoma	2,429	4,620	90.2
Hawaii	3,568	6,366	78.4	Oregon	3,403	5,892	73.1
Idaho	3,054	5,259	72.2	Pennsylvania	3,214	5,710	77.9
Illinois	3,667	6,566	79.1	Rhode Island	3,136	5,580	78.2
Indiana	3,223	5,798	79.9	South Carolina	1,924	3,821	98.6
Iowa	3,079	5,069	64.6	South Dakota	2,787	4,251	52.5
Kansas	2,834	5,295	86.8	Tennessee	1,984	3,949	99.0
Kentucky	2,037	4,051	98.9	Texas	2,716	4,884	79.8
Louisiana	2,140	4,272	99.6	Utah	3,297	5,899	78.9
Maine	2,616	4,873	86.3	Vermont	2,595	4,890	88.4
Maryland	3,307	6,309	90.8	Virginia	2,644	4,964	87.7
Massachusetts	3,399	6,272	84.5	Washington	3,523	6,225	76.7
Michigan	3,588	6,256	74.4	West Virginia	2,597	4,572	76.0
Minnesota	3,184	5,573	75.0	Wisconsin	3,284	5,926	80.5
				Wyoming	3,523	5,877	66.8

NA Not available. <sup>1</sup> Excludes Alaska and Hawaii.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 476. MONEY INCOME—PERCENT DISTRIBUTION OF FAMILIES AND UNRELATED INDIVIDUALS, BY 1965 INCOME LEVELS, BY RACE AND REGION: 1966

[As of March. Based on Current Population Survey; see text, p. 1. For definitions, see text, p. 3. For composition of regions, see fig. 1, p. xii]

INCOME LEVEL	FAMILIES							UNRELATED INDIVIDUALS		
	All races	United States		North and West		South		All races	White	Negro
		White	Negro	White	Negro	White	Negro			
Number.....1,000..	48,279	43,495	4,426	(NA)	(NA)	(NA)	(NA)	12,132	10,477	1,512
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$1,000.....	3.0	2.6	7.6	1.9	3.2	4.1	11.3	23.6	22.4	31.3
\$1,000 to \$1,999.....	6.1	5.2	14.5	4.1	7.4	8.1	20.6	24.7	24.5	27.4
\$2,000 to \$2,999.....	7.4	6.6	15.2	5.9	11.6	8.3	18.3	12.6	12.4	12.2
\$3,000 to \$3,999.....	7.8	7.2	14.5	6.6	13.3	8.6	15.6	9.2	9.3	8.4
\$4,000 to \$4,999.....	8.0	7.8	10.7	7.1	11.4	9.4	10.2	8.0	8.0	7.2
\$5,000 to \$5,999.....	9.3	9.4	9.2	9.1	11.1	10.1	7.5	7.0	7.1	5.9
\$6,000 to \$6,999.....	9.3	9.5	6.9	9.5	8.6	9.6	5.4	4.9	5.1	3.5
\$7,000 to \$9,999.....	24.1	25.3	13.1	26.2	20.0	22.6	7.2	6.9	7.4	3.1
\$10,000 and over.....	24.9	26.6	8.3	29.3	13.3	19.1	4.0	3.3	3.7	0.9
Median income <sup>1</sup> .....	\$6,882	\$7,170	\$3,874	\$7,546	\$5,278	\$6,141	\$2,988	\$2,110	\$2,199	\$1,555
Percent with income less than \$3,000.....	16.5	14.4	37.3	11.9	22.2	20.5	50.2	60.9	59.3	71.0

NA Not available. <sup>1</sup> For definition of median, see headnote, table 8.Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, forthcoming report and Series P-60, No. 51.

No. 477. MONEY INCOME—PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL, BY YEARS OF SCHOOL COMPLETED AND COLOR OF HEAD: 1965

[Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Includes small number of families with no money income. For definition of family, see text, p. 3. See also table 161]

COLOR OF HEAD AND INCOME LEVEL	ELEMENTARY SCHOOL		HIGH SCHOOL		COLLEGE	
	Less than 8 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
White families.....1, 000..	5, 067	7, 414	7, 791	13, 390	4, 348	5, 487
Percent.....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Under \$3,000.....	37. 0	23. 6	12. 7	7. 6	7. 8	5. 6
\$3,000 to \$4,999.....	22. 4	19. 6	17. 4	13. 0	10. 2	6. 7
\$5,000 to \$6,999.....	17. 5	20. 8	21. 4	21. 6	16. 0	10. 0
\$7,000 to \$9,999.....	14. 8	20. 2	26. 6	31. 4	29. 8	21. 1
\$10,000 to \$14,999.....	6. 7	12. 5	16. 9	19. 8	24. 3	30. 7
\$15,000 and over.....	1. 7	3. 4	5. 0	6. 6	11. 8	25. 8
Median income <sup>1</sup> .....	\$4, 011	\$5, 602	\$6, 861	\$7, 605	\$8, 547	\$11, 075
Nonwhite families.....1, 000..	1, 578	760	1, 095	887	239	223
Percent.....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Under \$3,000.....	52. 9	36. 2	34. 5	20. 0	18. 4	5. 8
\$3,000 to \$4,999.....	23. 6	27. 4	29. 1	24. 1	20. 5	13. 4
\$5,000 to \$6,999.....	13. 6	16. 3	16. 0	18. 5	18. 8	9. 4
\$7,000 to \$9,999.....	6. 4	13. 5	12. 7	21. 7	23. 8	29. 6
\$10,000 to \$14,999.....	2. 7	5. 9	6. 0	13. 1	14. 6	29. 6
\$15,000 and over.....	0. 7	0. 8	1. 8	2. 6	3. 8	12. 1
Median income <sup>1</sup> .....	\$2, 839	\$3, 896	\$3, 951	\$5, 621	\$6, 294	\$9, 084

<sup>1</sup> For definition of median, see headnote, table 8.  
Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

No. 478. MEDIAN MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS: 1947 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. For definition of median, see headnote, table 8]

ITEM	1947	1950	1955	1960	1965
FAMILIES					
Male head.....	\$3, 104	\$3, 435	\$4, 592	\$5, 857	\$7, 235
Married, wife present.....	3, 109	3, 446	4, 599	5, 873	7, 265
Wife in paid labor force.....	(NA)	(NA)	5, 622	6, 900	8, 597
Wife not in paid labor force.....	(NA)	(NA)	4, 326	5, 520	6, 592
Other marital status.....	2, 936	3, 115	4, 190	4, 860	6, 148
Female head.....	2, 172	1, 922	2, 471	2, 968	3, 532
UNRELATED INDIVIDUALS					
Residence:					
Nonfarm.....	2, 826	3, 027	4, 328	5, 620	7, 060
Farm.....	1, 963	1, 970	2, 111	2, 875	4, 122
Male.....	1, 349	1, 539	1, 831	2, 480	2, 945
Female.....	792	846	1, 054	1, 377	1, 737

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

**No. 479. MONEY INCOME—PERCENT DISTRIBUTION OF RECIPIENTS, BY INCOME LEVEL, BY SEX: 1947 TO 1965**

[Covers persons 14 years old and over as of March of following year. Prior to 1960, excludes Alaska and Hawaii. Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces]

ITEM	MALE						FEMALE					
	1947	1950	1955	1960	1965		1947	1950	1955	1960	1965	
					Total	Non-white					Total	Non-white
<b>Total persons</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income.....	88.9	90.1	92.1	91.4	91.5	87.7	39.2	43.2	49.3	56.0	59.5	66.8
Percent without income.....	11.1	9.9	7.9	8.6	8.5	12.3	60.8	56.8	50.7	44.0	40.5	33.2
<b>Percent of those with income</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$999 or loss.....	21.3	20.7	18.2	16.2	13.8	22.8	49.5	51.8	47.3	44.4	37.5	44.3
\$1,000 to \$1,999.....	21.8	16.4	12.8	11.3	10.4	15.8	31.6	23.6	20.6	18.4	18.9	22.6
\$2,000 to \$2,999.....	26.2	21.6	13.2	10.3	9.3	15.4	14.2	18.1	15.8	14.0	12.6	12.2
\$3,000 to \$3,999.....	16.8	20.9	16.5	11.1	8.9	12.6	3.0	4.5	10.7	11.1	10.9	8.2
\$4,000 to \$4,999.....	6.4	9.6	15.8	12.0	9.0	10.4	0.9	1.2	3.4	6.7	7.9	4.9
\$5,000 to \$5,999.....	3.0	4.6	10.3	12.7	10.3	9.1	0.3	0.3	1.2	3.1	5.3	3.3
\$6,000 to \$6,999.....	3.0	2.0	5.4	8.9	9.5	5.5	0.3	0.1	0.4	1.2	2.7	2.0
\$7,000 to \$9,999.....		2.0	5.1	11.3	17.4	6.5		0.2	0.4	0.9	3.2	1.7
\$10,000 and over.....	1.6	2.0	2.9	6.1	11.3	1.8	0.3	0.2	0.3	0.2	1.0	0.7
Median income for persons with income <sup>1</sup> .....	\$2,230	\$2,570	\$3,354	\$4,081	\$4,824	\$2,672	\$1,017	\$953	\$1,116	\$1,262	\$1,564	\$1,213

<sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 51.

**No. 480. MEDIAN MONEY INCOME OF PERSONS WITH INCOME, BY SEX AND INDUSTRY GROUP: 1947 TO 1965**

[Covers persons 14 years old and over. Prior to 1960, excludes Alaska and Hawaii. Based on sample; see text, p. 1. Includes members of the Armed Forces living off post or with their families on post, but excludes all other Armed Forces; also excludes inmates of institutions. For definition of median, see headnote, table 8]

SEX AND INDUSTRY GROUP (IN SURVEY WEEK)	1947	1950	1955	1960	1963	1964	1965
<b>Male employed civilians</b> .....	\$2,406	\$2,831	\$3,797	\$4,822	\$5,431	\$5,587	\$5,767
Agriculture, forestry, and fisheries.....	1,261	1,287	1,253	1,757	1,907	2,135	2,484
Mining.....	2,830	3,122	4,275	5,457	5,911	6,233	6,309
Construction.....	2,292	2,753	3,733	4,777	5,151	5,446	5,588
Manufacturing.....	2,612	3,118	4,206	5,506	5,978	6,123	6,345
Transportation, communication, and other public utilities.....	2,641	3,137	4,191	5,614	6,024	6,286	6,541
Wholesale trade.....	2,729	3,217	4,327	5,121	5,899	6,222	6,088
Retail trade.....	2,389	2,659	3,448	3,980	4,423	4,377	4,468
Finance, insurance, and real estate.....	2,979	3,506	4,669	5,487	6,514	6,541	6,769
Business and repair services.....	2,177	2,673	3,506	3,677	5,088	5,208	5,564
Personal services.....	1,906	1,896	2,595	3,206	3,485	3,798	3,658
Entertainment and recreation services.....	(B)	2,132	(B)	3,861	3,202	3,722	3,850
Professional and related services.....	2,363	3,106	3,896	5,052	5,573	6,125	5,983
Public administration.....	2,971	3,330	4,483	5,461	6,384	6,555	6,801
<b>Female employed civilians<sup>1</sup></b> .....	1,372	1,559	1,926	2,348	2,512	2,667	2,845
Agriculture, forestry, and fisheries.....	595	449	420	495	680	943	888
Manufacturing.....	1,625	1,884	2,378	2,993	3,126	3,277	3,267
Transportation, communication, and other public utilities.....	1,810	2,163	2,800	3,562	3,708	4,145	4,250
Wholesale trade.....	(B)	1,889	2,349	3,024	2,979	3,500	3,649
Retail trade.....	1,169	1,223	1,419	1,840	1,914	2,057	2,218
Finance, insurance, and real estate.....	1,745	1,932	2,555	3,046	3,274	3,493	3,698
Business and repair services.....	(B)	(B)	(B)	2,417	2,674	3,141	3,283
Personal services.....	604	562	811	832	918	944	1,086
Professional and related services.....	1,579	1,800	2,322	2,774	2,865	3,084	3,236
Public administration.....	2,131	2,458	3,210	3,820	4,257	4,426	4,630

B Median not shown where base less than 100 sample cases.

<sup>1</sup> Includes females in other industry groups, not shown separately.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60.



### No. 481. AVERAGE ANNUAL EXPENDITURES FOR CURRENT CONSUMPTION BY FAMILIES, BY RESIDENCE AND RACE: 1960-61

[Annual averages based on national sample surveys and subject to sampling variability. Covers persons living alone as well as families of 2 or more persons]

EXPENDITURE	All families	Urban	RURAL		White	Negro	Other
			Non-farm	Farm			
Number of families <sup>1</sup> .....1,000.....	55,307	40,131	11,663	3,512	49,392	5,321	593
Percent.....	100.0	72.6	21.1	6.3	89.3	9.6	1.1
<b>Percent of total.....</b>	<b>100.0</b>	<b>100.0</b>	<b><sup>2</sup> 100.0</b>	<b><sup>2</sup> 100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Food.....	24.5	24.3	25.2	24.1	24.3	25.6	29.7
Prepared at home.....	19.6	19.2	21.1	20.3	19.4	21.0	22.9
Other.....	4.9	5.1	4.1	3.8	4.9	4.6	6.8
Tobacco.....	1.8	1.8	2.0	1.8	1.8	2.2	1.4
Alcoholic beverages.....	1.5	1.7	1.2	0.8	1.5	1.9	1.6
Housing.....	28.9	29.5	27.7	25.5	28.9	30.6	25.2
Shelter.....	13.0	13.9	10.5	8.6	13.0	14.1	11.7
Owned dwelling.....	7.0	7.1	7.0	5.0	7.3	4.2	3.8
Rented dwelling (includes other shelter).....	6.0	6.7	3.6	3.7	5.7	9.9	7.9
Other expenses <sup>3</sup> .....	15.9	15.5	17.2	16.8	15.9	16.5	13.5
Clothing and personal <sup>4</sup> .....	19.9	19.9	19.3	23.4	19.8	21.3	18.1
Recreation and education <sup>5</sup> .....	5.9	6.0	5.4	5.2	6.0	4.9	6.4
Transportation.....	15.3	14.7	17.1	17.1	15.5	12.1	15.4
Other.....	2.2	2.2	2.1	2.1	2.2	1.6	2.4

<sup>1</sup> Estimated. <sup>2</sup> For 1961 only.

<sup>3</sup> Comprises fuel, light, refrigeration, water, housefurnishings and equipment, and household operations.

<sup>4</sup> Includes clothing materials and services, personal care, and medical care.

<sup>5</sup> Includes reading matter.

Source: Dept. of Labor, Bureau of Labor Statistics; *Consumer Expenditures and Income, Total United States, Urban and Rural, 1960-61*, Report No. 237-93, and *Monthly Labor Review*, October 1965.

### No. 482. POOR PERSONS—NUMBER AND INCIDENCE, BY COLOR AND FAMILY STATUS: 1959 TO 1965

[Persons in millions. As of March of year following year shown. Covers persons with income below poverty level as defined in *Social Security Bulletin*, January 1965. Based on Current Population Survey; see text, p. 1]

COLOR AND STATUS	POOR PERSONS				INCIDENCE OF POVERTY <sup>1</sup>			
	1959	1962	1964	1965	1959	1962	1964	1965
<b>TOTAL</b>								
<b>All persons.....</b>	<b>38.9</b>	<b>37.0</b>	<b>34.1</b>	<b>32.6</b>	<b>22.1</b>	<b>20.1</b>	<b>18.0</b>	<b>17.1</b>
In families.....	33.9	32.2	28.9	27.8	20.4	18.5	16.3	15.5
Head.....	8.3	7.8	6.8	6.6	18.4	16.5	14.2	13.7
Children under 18.....	16.7	15.9	14.8	14.3	26.1	23.6	21.3	20.5
Other family members.....	8.9	8.5	7.3	6.9	15.6	14.3	12.2	11.2
Unrelated individuals.....	5.0	4.9	5.2	4.8	47.4	44.2	42.0	39.8
<b>WHITE</b>								
<b>All persons.....</b>	<b>28.2</b>	<b>25.7</b>	<b>23.8</b>	<b>22.4</b>	<b>18.0</b>	<b>15.7</b>	<b>14.2</b>	<b>13.2</b>
In families.....	24.1	21.8	19.6	18.4	16.3	14.2	12.5	11.6
Head.....	6.2	5.6	5.0	4.8	14.9	13.2	11.5	11.0
Children under 18.....	11.1	10.0	9.1	8.7	20.1	17.3	15.3	14.5
Other family members.....	6.8	6.2	5.5	4.9	13.3	11.3	10.2	8.9
Unrelated individuals.....	4.1	3.9	4.2	4.0	45.4	41.5	40.2	38.2
<b>NONWHITE</b>								
<b>All persons.....</b>	<b>10.7</b>	<b>11.3</b>	<b>10.3</b>	<b>10.2</b>	<b>54.6</b>	<b>53.9</b>	<b>47.9</b>	<b>45.4</b>
In families.....	9.8	10.4	9.3	9.4	54.3	53.4	47.4	45.1
Head.....	2.1	2.2	1.9	1.8	50.0	46.8	39.1	39.1
Children under 18.....	5.6	5.9	5.7	5.6	64.1	64.0	59.4	55.6
Other family members.....	2.1	2.3	1.7	2.0	41.2	41.7	32.7	32.3
Unrelated individuals.....	0.9	1.0	1.0	0.8	59.3	61.1	53.0	49.8

<sup>1</sup> Poor persons as percent of all persons in specified group.

Source: Dept. of Commerce, Bureau of the Census; unpublished data.

No. 483. POOR HOUSEHOLDS—NUMBER AND INCIDENCE, BY CHARACTERISTICS OF HEAD OF HOUSEHOLD: 1959, 1962, and 1965

[Households in millions. As of March of year following year shown. Covers households with income below poverty level as defined in *Social Security Bulletin*, January 1965. Based on Current Population Survey; see text, p. 1]

CHARACTERISTIC	POOR HOUSEHOLDS <sup>1</sup>			INCIDENCE OF POVERTY <sup>2</sup>		
	1959	1962	1965	1959	1962	1965
Total .....	13.4	12.6	11.5	24	22	19
1- and 2-person households with head 65 years old and over ..	3.9	3.8	3.8	49	41	39
White .....	3.5	3.3	3.4	47	39	37
Male .....	1.6	1.4	1.3	36	28	24
Female .....	1.9	1.9	2.1	63	56	55
Nonwhite .....	0.4	0.4	0.5	73	64	65
Male .....	0.2	0.2	0.2	66	54	54
Female .....	0.2	0.2	0.3	82	75	78
All other households .....	9.4	8.9	7.6	20	18	15
Farm .....	1.5	0.9	0.7	40	31	24
White .....	1.1	0.7	0.5	34	25	18
Male .....	1.0	0.6	0.4	32	24	17
Female .....	0.1	0.1	0.1	57	39	40
Nonwhite .....	0.4	0.2	0.2	86	81	76
Male .....	0.4	0.2	0.2	86	79	76
Female .....	0.1	(Z)	(Z)	(B)	(B)	(B)
Nonfarm .....	8.0	7.9	7.0	18	17	15
White .....	5.7	5.5	4.9	15	14	12
Male .....	3.5	3.5	2.9	10	10	8
Female .....	2.2	2.0	2.0	37	34	30
Nonwhite .....	2.2	2.4	2.0	47	47	37
Male .....	1.3	1.3	1.1	38	38	29
Female .....	1.0	1.0	0.9	68	68	58

Z Less than 50,000. B Not shown; base too small.

<sup>1</sup> Total of families and unrelated individuals. For definitions, see text, p. 3.

<sup>2</sup> Poor households as percent of total households in specified group.

Source: Executive Office of the President, Council of Economic Advisors. In *Economic Report of the President*, 1967. Data from Dept. of Commerce and Dept. of Health, Education, and Welfare.

No. 484. POVERTY AMONG FAMILY MEMBERS AND UNRELATED INDIVIDUALS, BY RESIDENCE: 1965

[Persons in thousands. As of March 1966. Based on Current Population Survey; see text, p. 1. For definition of standard metropolitan statistical area, see text, p. 2; for definition of poverty, see *Social Security Bulletin*, January 1965; for description of poverty area, see *Current Population Reports*, Series P-23, No. 19]

RESIDENCE	ALL PERSONS			PERSONS IN FAMILIES			UNRELATED INDIVIDUALS	
	Total	Below poverty level		Total	Percent below poverty level		Total	Percent below poverty level
		Number	Per-cent		Total	Children under 18		
Total .....	191,763	32,181	16.8	179,717	15.2	20.0	12,046	40.0
In SMSA's of 250,000 population or more <sup>1</sup> .....	106,928	14,199	13.3	99,458	11.6	15.9	7,470	35.3
Not in poverty area .....	88,032	8,343	9.5	82,533	8.0	10.4	5,499	31.8
In poverty area .....	18,896	5,856	31.0	16,925	29.3	40.7	1,971	45.1
Percent .....	17.7	41.2	(X)	17.0	(X)	(X)	26.4	(X)
In other SMSA's .....	19,290	2,900	15.0	18,186	13.3	17.9	1,104	43.3
Outside SMSA's .....	65,545	15,082	23.0	62,073	21.0	26.9	3,472	48.8
Not in poverty area .....	39,826	5,934	14.9	37,542	13.2	16.5	2,284	42.3
In poverty area .....	25,719	9,148	35.6	24,531	34.3	42.6	1,188	61.5
Percent .....	39.2	60.7	(X)	39.5	(X)	(X)	34.2	(X)

X Not applicable.

<sup>1</sup> Based on 1960 Census of Population.

Source: Dept. of Commerce, Bureau of the Census; unpublished data.

No. 485. POVERTY AMONG FAMILIES IN METROPOLITAN AREAS, BY SELECTED CHARACTERISTICS: 1965

[Families in thousands. As of March 1966. Based on sample of 80,000 households. Covers all standard metropolitan statistical areas with 1960 population of 250,000 or more; for definition, see text, p. 2. For definition of poverty, see *Social Security Bulletin*, January 1965; for description of poverty area, see *Current Population Reports*, Series P-23, No. 19]

CHARACTERISTIC	ALL AREAS				IN NONPOVERTY AREA			IN POVERTY AREA		
	Fami- lies	Median income <sup>1</sup>	Below poverty level		Fami- lies	Below poverty level		Fami- lies	Below poverty level	
			Per- cent	Median income <sup>1</sup>		Per- cent	Median income <sup>1</sup>		Per- cent	Median income <sup>1</sup>
All families-----	27, 008	\$7, 685	10. 3	\$1, 814	22, 544	7. 5	\$1, 725	4, 464	24. 6	\$1, 967
Color of head:										
White-----	23, 824	8, 005	7. 9	1, 701	21, 193	6. 8	1, 659	2, 631	17. 3	1, 859
Nonwhite-----	3, 184	5, 087	28. 1	2, 115	1, 351	18. 8	2, 268	1, 833	35. 0	2, 053
By region:										
Northeast-----	8, 719	7, 616	9. 3	1, 859	7, 427	7. 0	1, 775	1, 292	22. 8	2, 064
White-----	7, 883	7, 859	7. 6	1, 766	7, 050	6. 5	1, 736	833	16. 6	1, 913
Nonwhite-----	836	5, 288	25. 7	2, 189	377	15. 4	(B)	459	34. 2	2, 181
North Central-----	7, 049	8, 073	9. 0	1, 796	6, 139	6. 5	1, 711	910	25. 4	1, 941
White-----	6, 208	8, 410	6. 5	1, 642	5, 795	5. 8	1, 638	413	15. 7	1, 696
Nonwhite-----	841	5, 476	27. 2	2, 152	344	18. 3	(B)	497	33. 4	2, 060
South-----	5, 573	6, 905	14. 8	1, 776	3, 933	10. 0	1, 653	1, 640	26. 3	1, 910
White-----	4, 592	7, 493	10. 5	1, 604	3, 629	8. 7	1, 513	963	17. 0	1, 840
Nonwhite-----	981	4, 224	35. 2	2, 010	304	25. 7	2, 286	677	39. 4	1, 941
West-----	5, 667	8, 075	9. 0	1, 820	5, 045	7. 4	1, 744	622	22. 3	2, 019
White-----	5, 140	8, 262	7. 9	1, 750	4, 718	6. 7	1, 696	422	20. 6	1, 946
Nonwhite-----	527	6, 144	20. 1	2, 208	327	16. 5	(B)	200	26. 0	(B)
Sex of head:										
Male-----	23, 937	8, 079	7. 4	1, 894	20, 383	5. 7	1, 793	3, 554	17. 1	2, 182
Female-----	3, 071	4, 089	32. 7	1, 682	2, 161	23. 8	1, 575	910	53. 7	1, 793
Age of head:										
14 to 24 years-----	1, 629	5, 709	17. 1	1, 637	1, 266	12. 2	1, 579	363	34. 2	1, 750
25 to 34 years-----	5, 335	7, 417	12. 5	2, 302	4, 383	8. 2	2, 220	952	32. 4	2, 388
35 to 44 years-----	6, 504	8, 606	9. 5	2, 456	5, 509	6. 8	2, 395	995	24. 3	2, 543
45 to 54 years-----	5, 998	9, 165	6. 3	1, 892	5, 128	4. 5	1, 816	870	17. 1	1, 971
55 to 64 years-----	4, 120	8, 043	7. 2	1, 440	3, 470	5. 3	1, 349	650	17. 7	1, 548
65 years and over-----	3, 422	4, 124	15. 8	1, 447	2, 788	13. 7	1, 451	634	24. 9	1, 436
Size of family:										
2 persons-----	8, 757	6, 135	10. 6	1, 298	7, 236	8. 7	1, 312	1, 521	19. 7	1, 271
3 persons-----	5, 684	7, 802	7. 6	1, 558	4, 778	5. 6	1, 538	906	18. 1	1, 605
4 persons-----	5, 446	8, 571	7. 7	2, 066	4, 694	5. 3	2, 012	752	22. 5	2, 108
5 persons-----	3, 508	8, 599	9. 6	2, 701	2, 978	7. 0	2, 695	530	24. 2	2, 690
6 persons-----	1, 844	8, 557	13. 0	2, 954	1, 533	8. 5	3, 058	311	35. 0	2, 830
7 or more persons-----	1, 769	7, 923	24. 4	3, 625	1, 325	15. 5	3, 795	444	51. 1	3, 449

B Not shown; base less than 65,000.  
<sup>1</sup> For definition of median, see headnote, table 8.  
Source: Dept. of Commerce, Bureau of the Census; unpublished data.

No. 486. WAR ON POVERTY—FUNDS OBLIGATED: 1965 AND 1966

[In millions of dollars. For years ending June 30. Obligations by the Office of Economic Opportunity]

PROGRAM	Total	1965	1966
Total-----	2, 181. 8	754. 1	1, 427. 8
Community action programs <sup>1</sup> -----	905. 1	251. 6	653. 5
Job Corps-----	478. 3	174. 8	303. 5
Vista-----	18. 6	2. 6	15. 9
Neighborhood Youth Corps-----	403. 3	132. 3	271. 1
Adult basic education-----	39. 9	4. 4	35. 5
Work experience-----	224. 4	112. 0	112. 4
Rural loans-----	56. 3	21. 3	35. 0
College work study-----	55. 9	55. 0	. 8

<sup>1</sup> Includes Head Start.  
Source: Office of Economic Opportunity; unpublished data.



# No. 487. WAR ON POVERTY PROGRAMS—FUNDS ALLOCATED AND PARTICIPANTS, STATES AND OTHER AREAS: CUMULATIVE THROUGH 1966

[Funds in thousands of dollars. Period covered is November 1964 to December 31, 1966. These are major programs undertaken by the Office of Economic Opportunity. Other programs not shown here are rural loans, adult basic education, Vista, and small business loans]

STATE OR OTHER AREA	Total funds allo- cated <sup>1</sup>	Com- munity action, funds allo- cated	HEAD START, SUMMER 1965 AND 1966		JOB CORPS		NEIGHBORHOOD YOUTH CORPS		WORK EXPERIENCE	
			Funds	Partic- ipants	Funds	Partic- ipants	Funds	Partic- ipants	Funds	Partic- ipants
<b>Total</b> .....	<b>2,245,989</b>	<b>828,900</b>	<b>199,245</b>	<b>1,129,642</b>	<b>237,729</b>	<b>28,228</b>	<b>594,099</b>	<b>869,401</b>	<b>250,755</b>	<b>153,055</b>
Alabama.....	33,070	11,880	5,720	29,554	-	-	12,990	19,481	-	-
Alaska.....	9,954	3,299	1,406	3,303	-	-	3,072	2,750	781	221
Arizona.....	34,018	10,598	2,907	14,998	5,572	1,054	10,960	18,076	1,358	1,123
Arkansas.....	44,740	5,475	5,176	27,296	1,570	205	16,894	26,359	12,253	5,323
California.....	210,034	104,486	11,808	51,226	22,177	3,179	51,740	56,465	11,963	13,898
Colorado.....	26,889	9,426	1,933	12,436	1,319	200	6,516	12,618	6,943	2,413
Connecticut.....	23,550	12,234	1,040	7,311	-	-	6,658	8,897	3,088	4,356
Delaware.....	2,955	1,434	539	3,005	-	-	696	794	118	90
Dist. of Columbia.....	30,199	14,116	1,570	12,700	-	-	7,167	9,198	5,829	1,200
Florida.....	57,929	22,520	5,019	31,105	2,462	-	18,388	25,569	4,191	1,209
Georgia.....	49,402	18,364	7,224	40,967	-	-	16,146	27,557	3,587	1,751
Hawaii.....	9,369	4,038	838	4,601	1,300	158	2,471	5,045	209	223
Idaho.....	7,525	756	383	1,965	3,732	606	838	1,746	1,532	803
Illinois.....	84,488	42,273	10,044	67,959	2,278	264	20,083	34,682	3,770	2,881
Indiana.....	36,918	9,959	1,985	10,144	11,618	1,446	10,328	14,855	1,933	1,145
Iowa.....	19,133	5,386	1,526	7,486	4,800	546	2,576	4,812	3,744	1,819
Kansas.....	10,200	4,366	1,062	6,395	-	-	4,101	7,045	171	149
Kentucky.....	92,207	19,727	8,843	48,016	13,120	1,998	13,202	24,639	32,325	6,550
Louisiana.....	35,281	10,770	8,128	44,322	-	-	9,541	13,811	3,842	2,659
Maine.....	16,922	1,629	886	4,497	6,869	965	3,653	5,181	2,204	670
Maryland.....	23,575	10,090	1,931	12,104	1,012	108	6,782	7,487	2,156	2,785
Massachusetts.....	57,424	19,340	3,046	15,457	9,495	517	12,169	20,156	11,999	7,668
Michigan.....	83,952	35,311	6,815	34,357	13,598	1,404	15,001	22,313	9,633	7,890
Minnesota.....	39,310	11,990	1,607	8,606	3,138	494	10,719	14,918	10,201	4,660
Mississippi.....	65,198	30,484	7,859	38,161	-	-	11,562	18,160	8,878	4,311
Missouri.....	64,216	22,702	4,866	26,421	8,835	813	20,651	35,210	5,063	2,295
Montana.....	9,317	3,014	454	2,250	3,104	423	1,841	3,006	438	312
Nebraska.....	20,598	1,771	222	1,341	13,633	1,093	2,388	4,688	1,673	760
Nevada.....	7,329	1,048	327	1,598	1,390	160	1,555	1,755	2,767	2,295
New Hampshire.....	3,248	1,361	751	4,003	-	-	554	866	255	160
New Jersey.....	77,022	27,031	4,549	22,223	12,085	1,144	20,963	25,045	10,100	5,914
New Mexico.....	31,927	11,022	2,124	12,030	7,514	1,124	4,676	7,853	4,455	3,103
New York.....	182,424	90,777	14,608	83,926	612	106	56,180	71,290	7,664	7,249
North Carolina.....	55,154	19,115	9,215	51,073	2,880	415	16,938	21,314	1,241	680
North Dakota.....	8,449	2,659	751	3,572	1,137	334	1,361	2,802	1,232	175
Ohio.....	82,231	27,937	6,565	37,246	5,373	447	28,316	36,579	11,674	8,010
Oklahoma.....	38,445	8,682	3,268	17,755	5,918	583	14,478	23,659	3,376	3,760
Oregon.....	30,928	7,069	709	2,883	15,455	1,520	4,704	8,358	2,145	3,025
Pennsylvania.....	82,202	36,390	6,234	31,250	3,840	151	26,030	28,714	5,619	6,021
Rhode Island.....	12,457	5,707	431	1,959	-	-	4,580	8,845	1,447	1,000
South Carolina.....	25,370	7,243	5,289	34,649	-	-	8,496	13,669	1,270	760
South Dakota.....	11,172	4,890	360	1,972	1,729	168	2,176	3,537	952	365
Tennessee.....	46,267	11,759	9,117	53,973	1,570	270	16,900	28,634	3,706	1,621
Texas.....	102,508	37,204	12,196	75,716	8,861	2,695	32,912	47,946	2,368	1,395
Utah.....	22,540	3,061	419	2,407	13,787	871	3,566	5,599	918	618
Vermont.....	4,551	1,059	737	4,484	594	101	1,383	1,903	504	355
Virginia.....	28,635	11,360	5,102	28,424	751	105	9,246	11,587	727	240
Washington.....	28,016	11,845	1,565	6,542	3,803	770	8,786	12,950	1,398	1,500
West Virginia.....	46,750	8,712	5,624	31,181	5,116	834	8,546	17,506	15,295	12,000
Wisconsin.....	38,817	11,149	1,352	6,276	13,465	745	6,094	9,027	4,847	3,549
Wyoming.....	5,383	639	172	897	715	115	766	1,437	2,689	420
Puerto Rico.....	51,684	12,617	2,590	42,532	1,500	97	13,471	28,975	14,090	9,600
Multi-State.....	21,501	20,337	12	58	-	-	1,135	3,096	-	-
Outlying areas.....	2,607	789	338	3,030	-	-	1,154	937	135	76

- Represents zero.

<sup>1</sup> Includes several programs not shown separately.

Source: Office of Economic Opportunity; unpublished data.

No. 488. AVERAGE WEALTH OF FAMILIES BY SPECIFIED CHARACTERISTICS, 1962, AND SAVINGS, 1963

[In dollars. As of December 31. Based on a sample survey. Covers families and unrelated individuals. For detailed definitions of wealth components, see source]

CHARACTERISTIC	Total wealth	TANGIBLE ASSETS		OTHER ASSETS			
		Own home	Auto- mobile	Business profes- sion <sup>1</sup>	Liquid	Invest- ment	Miscel- laneous
All units -----	20, 982	5, 653	644	3, 881	2, 675	7, 013	1, 116
1962 income:							
0 to \$2,999 -----	7, 609	3, 204	154	1, 454	1, 455	1, 277	65
\$3,000 to \$4,999 -----	10, 025	3, 390	399	1, 261	1, 707	3, 160	109
\$5,000 to \$7,499 -----	13, 207	4, 495	629	2, 286	1, 872	2, 715	1, 210
\$7,500 to \$9,999 -----	19, 131	7, 075	858	2, 279	2, 675	5, 934	310
\$10,000 to \$14,999 -----	28, 021	9, 566	1, 364	4, 287	4, 448	7, 975	379
\$15,000 to \$24,999 -----	62, 966	15, 053	2, 041	10, 229	8, 824	23, 258	3, 560
\$25,000 to \$49,999 -----	291, 317	32, 528	2, 835	61, 986	20, 404	121, 329	52, 237
\$50,000 to \$99,999 -----	653, 223	38, 298	2, 292	277, 383	37, 298	279, 691	18, 263
\$100,000 and over -----	1, 698, 021	88, 248	4, 282	286, 732	59, 382	1, 164, 622	94, 755
Age of family head:							
Under 35 -----	6, 304	1, 660	451	770	578	815	2, 031
35 to 44 -----	16, 068	4, 939	727	3, 743	1, 593	3, 541	1, 526
45 to 54 -----	22, 581	7, 358	921	5, 299	2, 570	5, 761	672
55 to 64 -----	32, 527	8, 134	767	6, 401	4, 232	12, 212	780
65 and over -----	30, 833	6, 895	358	3, 727	4, 957	14, 506	396
Employment status of head:							
Self-employed -----	70, 200	12, 084	1, 139	25, 524	5, 364	19, 892	6, 197
Employed by others -----	13, 284	5, 023	697	497	1, 987	4, 470	610
Retired -----	23, 414	6, 782	223	500	4, 615	10, 919	375
Savings, 1963 -----	971	263	364	22	254	46	23

<sup>1</sup> Farm and nonfarm.

Source: Board of Governors of the Federal Reserve System; *Report on the Survey of Financial Characteristics of Consumers*, August 1966 and *Federal Reserve Bulletin*, January 1967.

No. 489. FAMILY UNITS—PERCENT DISTRIBUTION BY LIQUID ASSET HOLDINGS: 1963 AND 1965

[Excludes Alaska and Hawaii. As of date of interview in early part of year. Liquid assets include checking and savings accounts, and non-marketable U.S. savings bonds. For definitions of median and family unit, see headnotes, tables 8 and 470, respectively]

ASSET SIZE-CLASS	1963	1965	ASSET SIZE-CLASS	1963	1965
All family units -----	100	100	Own assets—Continued		
Own no assets -----	22	20	\$2,000 to \$4,999 -----	14	14
Own assets -----	78	80	\$5,000 to \$9,999 -----	8	9
\$1 to \$199 -----	15	17	\$10,000 and over -----	6	8
\$200 to \$499 -----	14	11	Median holdings -----	\$490	\$575
\$500 to \$1,999 -----	21	21			

Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*.

**No. 490. SIZE OF SAVING—PERCENT DISTRIBUTION OF CONSUMER UNITS: 1963**

[Based on a sample. Consumer units consist of families and unrelated individuals; see text, p. 3. For definitions of terms used and discussion of sampling variability, see source]

CHARACTERISTIC	All units	SAVING OF—				Saving or dissaving under \$100	DISSAVING OF—	
		\$10,000 and over	\$5,000 to \$9,999	\$1,000 to \$4,999	\$100 to \$999		\$100 to \$999	\$1,000 and over
All units <sup>1</sup> .....	100	2	3	30	27	17	13	8
<b>Size of net worth, Dec. 31, 1962:</b>								
Under \$1,000 <sup>2</sup> .....	100	(Z)	1	15	31	34	17	2
\$1,000 to \$9,999.....	100	1	2	34	31	17	12	4
\$10,000 to \$24,999.....	100	3	3	37	27	6	12	11
\$25,000 to \$99,999.....	100	5	8	38	17	4	9	17
\$100,000 and over.....	100	25	15	23	4	5	2	26
<b>1963 income:</b>								
0 to \$2,999.....	100	(Z)	(Z)	5	23	41	23	7
\$3,000 to \$4,999.....	100	2	1	19	39	17	15	8
\$5,000 to \$7,499.....	100	1	1	35	37	9	11	6
\$7,500 to \$9,999.....	100	3	2	54	24	4	6	7
\$10,000 to \$14,999.....	100	3	9	54	17	5	6	7
\$15,000 to \$24,999.....	100	11	24	39	9	4	3	10
\$25,000 and over.....	100	35	21	20	4	(Z)	(Z)	20
<b>Age of head: (in years)</b>								
Under 35.....	100	1	3	33	32	14	12	4
35 to 44.....	100	3	3	35	30	11	11	8
45 to 54.....	100	3	3	40	23	17	8	6
55 to 64.....	100	2	5	25	26	15	17	11
65 and over.....	100	2	2	13	25	31	17	9
<b>Employment status of head:</b>								
Self-employed.....	100	10	10	29	21	4	9	18
Employed by others.....	100	1	3	36	30	13	11	5
Retired.....	100	2	1	9	23	37	20	9

Z Less than 0.5 percent.

<sup>1</sup> Includes following groups not shown separately: farm operators and laborers, units with head under age 65 reporting no work experience during 1962, and units who did not report occupation.

<sup>2</sup> Includes negative and zero net worth.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, January 1967.

**No. 491. FINANCIAL ASSETS AND LIABILITIES OF INDIVIDUALS: 1950 TO 1966**

[In billions of dollars. As of end of year]

ASSETS AND LIABILITIES	1950	1955	1960	1961	1962	1963	1964	1965	1966
<b>FINANCIAL ASSETS</b>									
<b>Total</b> .....	472	712	936	1,060	1,043	1,171	1,290	1,397	1,350
Currency and demand deposits.....	71	80	80	80	83	90	97	105	101
Time and saving deposits.....	56	74	101	110	125	136	149	164	176
Savings shares.....	15	34	67	76	86	97	109	118	122
Securities.....	246	396	504	593	538	618	686	739	671
U.S. savings bonds.....	50	50	46	46	47	48	49	50	50
Other U.S. Government <sup>1</sup> .....	20	19	28	27	28	28	30	32	39
State and local government.....	16	22	30	31	31	33	35	38	41
Corporate bonds and notes <sup>1</sup> .....	21	21	21	21	21	22	22	23	24
Investment company shares <sup>1</sup> .....	5	14	23	33	30	35	40	46	44
Other preferred and common shares <sup>1</sup> .....	134	272	357	436	381	452	509	550	472
Private insurance and pension reserves.....	66	100	143	157	164	178	194	209	214
Insurance reserves.....	54	71	87	91	96	100	105	111	114
Insured pension reserves.....	6	11	19	20	22	23	25	27	30
Noninsured pension reserves.....	6	18	37	45	47	55	63	71	71
Government insurance and pension reserves.....	18	27	41	45	48	52	57	62	67
<b>LIABILITIES</b>									
<b>Total</b> .....	59	118	185	198	217	239	261	284	307
Mortgage debt.....	38	79	129	140	152	167	183	198	211
Consumer debt.....	18	34	51	52	57	63	70	79	87
Securities loans.....	3	5	5	6	7	8	8	8	9
<b>Net equity (assets—liabilities)</b> .....	413	594	751	862	827	932	1,029	1,112	1,043

<sup>1</sup> Estimated market value. Nonguaranteed Federal agency issues included with "Other U.S. Government."

Source: Securities and Exchange Commission. Published annually in *Volume and Composition of Individuals' Saving*, and in the *Statistical Bulletin*.



No. 492. NATIONAL WEALTH, IN CURRENT AND CONSTANT (1947-49) DOLLARS:  
1900 TO 1966

[Prior to 1966, excludes Alaska and Hawaii. Wealth data should be regarded as approximate only. See source for methods and sources used to derive these estimates. See text, p. 317]

ITEM	1900	1929	1948	1958	1966 (prel.)
Current dollars:					
National wealth, total.....billions..	88	439	928	1,703	2,460
Per capita.....dollars.....	1,145	3,586	6,274	9,698	12,443
Net national product.....billions..	16	98	250	417	674
Total wealth as percent of net national product.....	4.5	4.5	3.7	4.1	3.6
1947-90 dollars:					
National wealth, total.....billions..	315	778	883	1,244	1,550
Per capita.....dollars.....	4,099	6,355	5,970	7,084	7,840
Population.....millions..	76.8	122.4	147.9	175.6	197.7

Source: *Finance* magazine, January 1967, New York, N.Y. (Copyright).

No. 493. NATIONAL BALANCE SHEET—SUMMARY: 1948, 1958, AND 1966

[In billions of dollars. Prior to 1966, excludes Alaska and Hawaii. See headnote, table 492]

YEAR	ASSETS			Liabilities	Equities (net worth)	Net foreign assets
	Total	Tangible <sup>1</sup>	Financial <sup>2</sup>			
1948.....	1,616	887	729	716	900	13
1958.....	2,960	1,654	1,306	1,282	1,678	24
1966 (prel.).....	4,610	2,390	2,220	2,170	2,440	50

<sup>1</sup> Excludes gold.  
<sup>2</sup> Excludes corporate stock and other equities.

Source: *Finance* magazine, January 1967, New York, N.Y. (Copyright).

No. 494. NATIONAL WEALTH—PERCENT DISTRIBUTION, BY TYPE OF ASSET: 1929  
TO 1966

[Prior to 1966, excludes Alaska and Hawaii. See headnote, table 492]

TYPE OF ASSET	1929	1948	1958	1966 (prel.)
Total.....	100.0	100.0	100.0	100.0
Reproducible assets.....	71.3	79.3	80.4	81.1
Structures.....	43.2	48.4	49.0	49.6
Residential.....	21.8	25.2	24.2	24.5
Business.....	14.8	12.4	13.4	12.9
Public and other.....	6.6	10.7	11.4	12.2
Other.....	28.1	30.9	31.4	31.5
Producer durables.....	8.7	9.4	11.7	11.6
Consumer durables.....	9.6	9.2	10.5	11.8
Business inventories.....	8.7	9.3	7.6	7.4
Monetary metals.....	1.1	3.0	1.5	0.7
Nonreproducible assets.....	25.8	19.3	18.3	16.8
Agricultural land.....	8.7	6.4	5.9	5.9
Business land.....	5.2	4.2	4.0	3.9
Residential land.....	8.2	5.0	5.5	4.6
Public and other land.....	3.8	3.7	2.8	2.4
Net foreign assets.....	2.8	1.4	1.4	2.0

Source: *Finance* magazine, January 1967, New York, N.Y. (Copyright).

**No. 495. REAL WEALTH AND EQUITIES—PERCENT DISTRIBUTION, BY MAJOR ECONOMIC SECTORS: 1945, 1958, AND 1966**

[Prior to 1966, excludes Alaska and Hawaii. See headnote, table 492]

SECTOR	TANGIBLE ASSETS			EQUITY		
	1945	1958	1966	1945	1958	1966
<b>All sectors.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Originating in:						
Agriculture.....	16	11	10	13	8	6
Business (nonfarm).....	33	38	37	30	30	28
Unincorporated.....	7	7	(NA)	5	4	(NA)
Nonfinancial corporations.....	26	30	(NA)	22	23	(NA)
Finance.....	-	1	(NA)	3	3	(NA)
Households (nonfarm).....	36	38	39	78	63	64
Government.....	15	13	14	-22	-2	2
Federal.....	10	10	(NA)	-28	-8	(NA)
State and local.....	5	3	(NA)	6	6	(NA)

- Represents zero. NA Not available.

Source: *Finance* magazine, January 1967, New York, N.Y. (Copyright).

**No. 496. FINANCIAL ASSETS AND NATIONAL WEALTH: 1945 AND 1965**

[1945 excludes Alaska and Hawaii]

ITEM	TOTAL (bil. dol.)		PERCENT—				
	1945	1965	Share in total financial assets		Relation to national wealth		Annual growth rate 1945 to 1965
			1945	1965	1945	1965	
<b>Financial assets.....</b>	<b>764</b>	<b>2,845</b>	<b>100.0</b>	<b>100.0</b>	<b>131.6</b>	<b>123.2</b>	<b>6.8</b>
Corporate stock.....	119	778	15.6	27.5	20.5	33.3	9.8
All claims.....	645	2,067	84.4	72.5	111.1	89.9	6.0
Claims against financial intermediaries.....	235	775	30.7	27.2	40.5	33.8	6.0
Demand deposits and currency.....	133	183	17.4	6.4	23.0	8.0	1.6
Time and savings deposits.....	53	319	6.9	11.2	9.1	13.9	9.4
Life insurance and pension reserves.....	49	257	6.4	9.0	8.4	11.2	8.6
Insurance company bonds.....	-	16	-	0.6	-	0.7	24.5
Other claims.....	410	1,292	53.7	45.3	70.6	56.1	5.9
U.S. Government securities <sup>1</sup> .....	253	271	33.2	9.5	43.6	11.8	0.3
State and local government securities.....	16	101	2.1	3.5	2.8	4.4	9.6
Corporate bonds.....	24	100	3.1	3.5	4.1	4.3	7.4
Home mortgages.....	19	213	2.5	7.5	3.3	9.3	13.1
Other mortgages.....	10	86	1.3	3.0	1.7	3.7	11.4
Consumer credit.....	6	86	0.8	3.0	1.0	3.7	14.2
Bank loans.....	13	106	1.7	3.7	2.2	4.6	11.0
Other loans.....	21	102	2.7	3.6	3.6	4.4	8.2
Trade credit.....	23	115	3.0	4.0	4.0	5.0	8.4
Miscellaneous financial assets.....	25	112	3.3	3.9	4.3	4.9	7.8
<b>National wealth.....</b>	<b>580</b>	<b>2,300</b>	<b>77.4</b>	<b>81.5</b>	<b>100.0</b>	<b>100.0</b>	<b>7.1</b>

- Represents zero. <sup>1</sup> Excludes securities held by Treasury funds.

Source: *Finance* magazine, January 1967, New York, N.Y. (Copyright).

FIG. XX. WHOLESALE PRICE INDEXES: 1952 TO 1966  
[1957-59=100. Prices in primary markets. See tables 497 and 499]

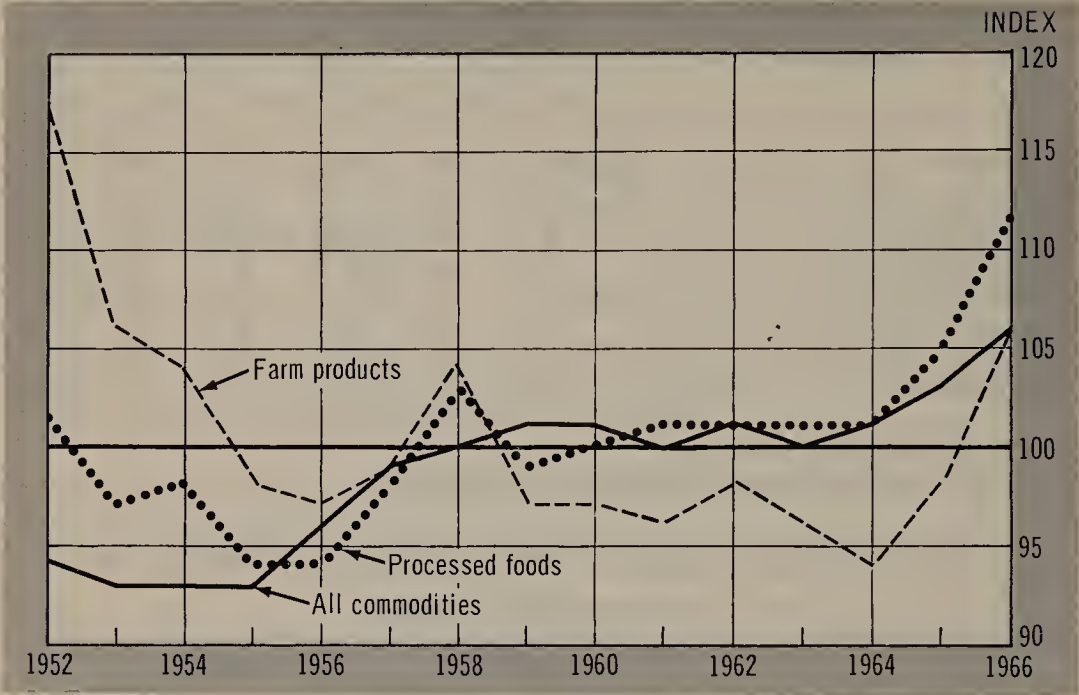
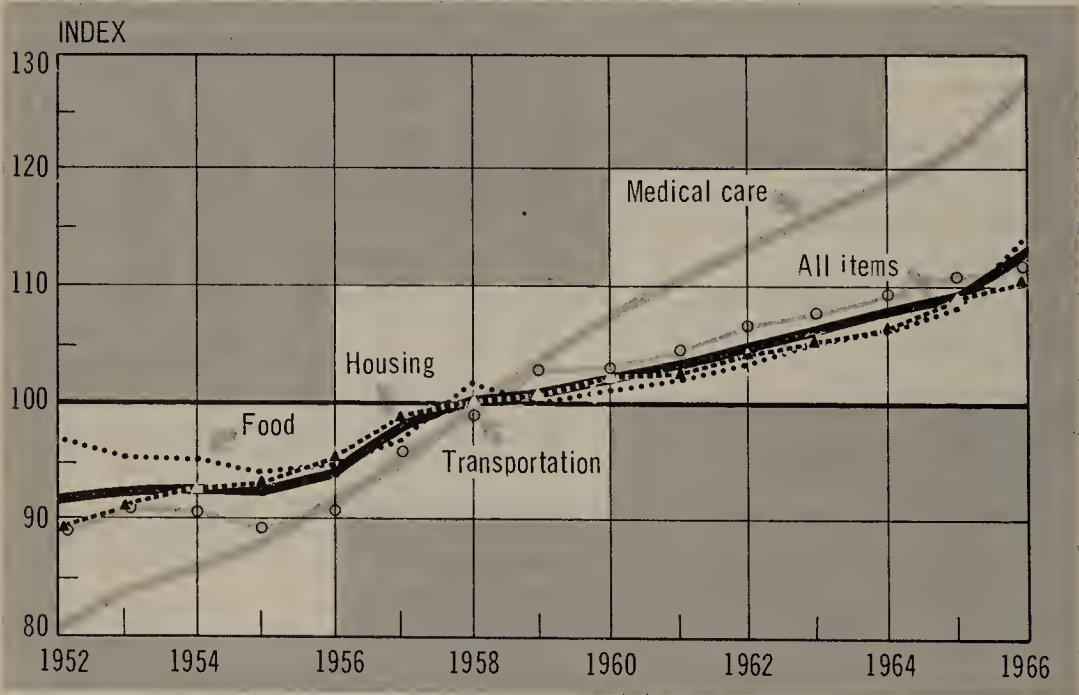


FIG. XXI. CONSUMER PRICE INDEXES: 1952 TO 1966  
[1957-59=100. See table 504]



Source of figs. XX and XXI: Charts prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Labor, Bureau of Labor Statistics.



## Section 12

### Prices

This section presents indexes of wholesale, retail, and consumer prices, as well as prices for selected commodities. The primary sources of these data are publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review*; *Consumer Price Index* (monthly); *Estimated Retail Food Prices by Cities* (monthly); *Retail Prices and Indexes of Fuels and Electricity* (monthly); and *Wholesale Prices and Price Indexes* (monthly). The Statistical Reporting Service of the Department of Agriculture prepares indexes of prices received and prices paid by farmers.

The Bureau of Labor Statistics prepares monthly indexes of wholesale prices; a daily index of spot market prices of 22 commodities; and indexes of consumer prices for urban wage earners and clerical workers for the average of U.S. cities and individually for selected large cities, as well as component indexes for food and other groups.

**Wholesale price index.**—This index, dating from 1890, is the oldest continuous statistical series published by the Bureau of Labor Statistics. It is designed to measure average changes in prices of commodities sold in primary markets in the United States.

The index has undergone 4 major revisions (see *Monthly Labor Review*, February 1962). It is now based on approximately 2,300 commodity price series instead of the approximately 1,900 included in the 1947–60 period and the 900 included for the period prior to 1947. Prices used in constructing the index are collected directly from sellers, if possible, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price, the importer's selling price, or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value including value of sales for export, f.o.b. production point, less interplant transfers, but plus value of imports for consumption, for the producing and processing sector of the economy. For the 1947–54 period these values were based primarily on dollar value of transactions reported in the 1947 industrial censuses. For 1955–57, weights were computed from values of primary market transactions in 1952 and 1953. For 1958–60, the weights were the net selling value of commodities in 1954. For 1961–66, the weights were the net selling value of commodities in 1958. Effective January 1967, the weights are values of net shipments of commodities in 1963.

**Consumer price index.**—This index as constructed through December 1963 measures the average change in prices of goods and services purchased by city wage-earner and clerical-worker families. Beginning January 1964, the coverage of the index was broadened to include single persons living alone. The weights used in calculating the index are based on studies of actual expenditures by wage earners and clerical workers. The quantities and qualities of the items in the "market basket" remain the same between consecutive pricing periods, so that the index measures the effect of *price change only* on the cost of living of these families. The index does not measure changes in the total amount families spend for living; city indexes do not measure relative differences in prices or living costs between cities.

A study conducted during 1917–19 provided the weights used for 1913 to 1935. Since then, this index has undergone four major revisions, which involved bringing the "market basket" of goods and services up to date and improving the sample and methodology. From 1935 through 1949, time-to-time changes in retail prices were weighted by 1934–36 average expenditures except for certain temporary wartime adjustments. Weights used for 1950 through 1952 represented estimated 1949–50

spending patterns. Beginning 1953, the weights represented average purchases of urban wage-earner and clerical-worker families in fiscal year 1952. The most recent revision, incorporated in a new series beginning in 1964, introduced expenditure weights relating to 1960-61. The description which follows and the tables in this section refer to the new series.

The list of items currently priced for the index includes approximately 400 goods and services. For some items, several different qualities are priced. The items priced are described by detailed specifications to insure that, as far as possible, the same quality is priced each time, and that differences in reported prices are measures of price change only. Sales taxes are reflected wherever applicable.

Prior to 1953, indexes were based on food prices in 56 cities monthly, and prices of other commodities in 34 cities quarterly or monthly; from 1953 to 1964, they were based on prices of food monthly and other goods and services monthly or quarterly in 46 cities. In 1964 and 1965, prices were obtained in a sample of 50 areas. These include the urban portions of 31 Standard Metropolitan Statistical Areas (SMSA), the more extensive Standard Consolidated Areas for Chicago and New York; and 17 nonmetropolitan urban places. Area definitions are those established for the 1960 Census and do not include any subsequent revisions. Foods, fuels, and a few other items are priced monthly in all areas. Prices of most other goods and services are obtained monthly in the 5 largest areas and every 3 months in other areas. Rents are surveyed bimonthly in the 5 largest areas and every 3 months in other areas. Estimates are made for unpriced areas each month. Price changes for the 50 areas are combined for the United States with weights based on 1960 population of areas represented by each sample area. Area indexes are compiled for 17 of the 50 areas. Beginning 1966, the national index is based on 56 areas and separate indexes are published for 23 areas.

**Retail food price index.**—Retail food price indexes are computed as a subgroup of the consumer price index. Weights used at various times are consistent with those for the index as a whole. The indexes were computed from prices of 54 foods for January 1935 to March 1943, 61 foods for March 1943 to June 1947, 50 foods for June 1947 to January 1950, 60 foods for January 1950 to December 1952, 90 foods from January 1953 to December 1963, and 96 foods beginning January 1964.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# No. 497. WHOLESALE PRICE INDEXES—ALL COMMODITIES AND INDUSTRIAL COMMODITIES: 1913 TO 1967

[1957-59=100. Prior to 1961, excludes Alaska and Hawaii; for treatment in index weights, see text, p. 347. See *Historical Statistics, Colonial Times to 1957*, series E 25-26, for indexes on a 1947-49 base]

YEAR	All commodities	Industrial commodities, all, except farm products and foods	YEAR	All commodities	Industrial commodities, all, except farm products and foods	YEAR AND MONTH	All commodities	Industrial commodities, all, except farm products and foods
1913.....	38.2	39.5	1950.....	86.8	82.9	1966.....	105.9	104.7
1915.....	38.0	38.4	1951.....	96.7	91.5	January.....	104.6	103.5
1920.....	84.5	91.1	1952.....	94.0	89.4	February.....	105.4	103.8
1925.....	56.6	58.0	1953.....	92.7	90.1	March.....	105.4	104.0
1930.....	47.3	48.1	1954.....	92.9	90.4	April.....	105.5	104.3
1935.....	43.8	44.0						
1940.....	43.0	46.8	1955.....	93.2	92.4	May.....	105.6	104.7
			1956.....	96.2	96.5	June.....	105.7	104.9
1941.....	47.8	50.3	1957.....	99.0	99.2	July.....	106.4	105.2
1942.....	54.0	53.9	1958.....	100.4	99.5	August.....	106.8	105.2
1943.....	56.5	54.7	1959.....	100.6	101.3	September.....	106.8	105.2
1944.....	56.9	55.6						
			1960.....	100.7	101.3	October.....	106.2	105.3
1945.....	57.9	56.3	1961.....	100.3	100.8	November.....	105.9	105.5
1946.....	66.1	61.7	1962.....	100.6	100.8	December.....	105.9	105.5
1947.....	81.2	75.3	1963.....	100.3	100.7			
1948.....	87.9	81.7	1964.....	100.5	101.2	1967:		
1949.....	83.5	80.0	1965.....	102.5	102.5	January.....	106.2	105.8
						February.....	106.0	106.0
						March.....	105.7	106.0
						April.....	105.3	106.0

Source: Dept. of Labor, Bureau of Labor Statistics; monthly reports, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.

# No. 498. PURCHASING POWER OF THE DOLLAR: 1940 TO 1966

[1957-59=\$1.00. Prior to 1961, wholesale prices exclude data for Alaska and Hawaii; and prior to 1964, consumer prices exclude them. Obtained by dividing the average price index for the 1957-59 base period (100.0) by the price index for a given period and expressing the result in dollars and cents]

YEAR	MONTHLY AVERAGE AS MEASURED BY—		YEAR	MONTHLY AVERAGE AS MEASURED BY—	
	Wholesale prices	Consumer prices		Wholesale prices	Consumer prices
1940.....	\$2.326	\$2.048	1955.....	\$1.073	\$1.071
1944.....	1.757	1.632	1956.....	1.040	1.056
1945.....	1.727	1.595	1957.....	1.010	1.021
1946.....	1.513	1.471	1958.....	.996	.994
1947.....	1.232	1.285	1959.....	.994	.985
1948.....	1.138	1.194	1960.....	.993	.971
1949.....	1.198	1.205	1961.....	.997	.960
1950.....	1.152	1.194	1962.....	.994	.949
1951.....	1.034	1.106	1963.....	.997	.937
1952.....	1.064	1.081	1964.....	.995	.925
1953.....	1.079	1.072	1965.....	.976	.910
1954.....	1.076	1.069	1966.....	.944	.884

Source: Dept. of Labor, Bureau of Labor Statistics. Monthly data in Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.



## No. 499. WHOLESALE PRICE INDEXES, BY COMMODITIES: 1950 TO 1966

[1957-59=100, except as indicated. Prior to 1962, excludes Alaska and Hawaii; for treatment in index weights, see text, p. 347. See *Historical Statistics, Colonial Times to 1957*, series E 25-41, for indexes on 1947-49 base]

COMMODITY GROUP	1950	1955	1960	1962	1963	1964	1965	1966
All commodities.....	86.8	93.2	100.7	100.6	100.3	100.5	102.5	105.9
All commodities except farm products and foods.....	82.9	92.4	101.3	100.8	100.7	101.2	102.5	104.7
Special groups:								
All foods.....	93.0	95.3	100.0	100.6	100.4	100.8	104.5	110.7
Special metals and metal products.....	73.9	89.6	101.4	100.5	100.5	102.6	104.7	106.7
Construction materials.....	83.0	95.1	100.5	98.3	98.5	99.6	100.8	103.9
<b>Farm products</b> .....	<b>106.4</b>	<b>97.9</b>	<b>96.9</b>	<b>97.7</b>	<b>95.7</b>	<b>94.3</b>	<b>98.4</b>	<b>105.6</b>
Fresh and dried fruits and vegetables.....	86.1	98.1	100.6	97.7	96.1	103.2	101.8	102.5
Grains.....	111.8	108.4	94.2	98.8	101.9	94.1	89.6	97.3
Livestock and live poultry.....	115.0	88.0	96.0	96.2	88.8	84.7	98.9	107.8
Plant and animal fibers.....	114.7	101.2	93.1	98.4	100.6	98.3	91.1	82.3
Fluid milk.....	93.3	96.4	103.2	101.2	100.6	102.0	103.5	117.6
Eggs.....	113.4	114.6	103.2	95.2	94.0	90.8	93.5	107.9
Hay, hayseeds, and oilseeds.....	114.4	108.1	95.2	105.4	113.0	110.1	112.9	122.9
Other farm products.....	91.8	102.4	92.3	91.8	89.3	98.6	97.6	101.5
<b>Processed foods</b> .....	<b>92.6</b>	<b>94.3</b>	<b>100.0</b>	<b>101.2</b>	<b>101.1</b>	<b>101.0</b>	<b>105.1</b>	<b>111.5</b>
Cereal and bakery products.....	83.9	98.5	103.2	107.6	107.3	107.8	109.0	115.4
Meats, poultry, and fish.....	102.6	85.7	97.8	99.1	93.3	90.8	101.0	110.2
Dairy products and ice cream.....	84.0	94.0	105.0	106.9	107.5	107.8	108.5	118.5
Canned and frozen fruits and vegetables.....	92.8	98.1	99.5	98.0	103.9	104.8	102.1	104.8
Sugar and confectionery.....	85.1	96.3	101.8	102.2	118.4	111.8	109.0	110.5
Packaged beverage materials.....	89.8	109.1	86.7	81.7	81.2	96.9	93.8	92.5
Animal fats and oils.....	106.3	100.4	86.6	88.4	83.9	95.4	113.4	113.1
Crude vegetable oils.....	126.8	104.4	82.4	84.5	82.0	84.5	100.9	107.2
Refined vegetable oils.....	114.9	109.0	86.8	93.1	84.2	82.2	97.0	108.7
Vegetable oil end products.....	101.8	100.6	90.5	97.3	88.2	89.7	101.2	104.6
Miscellaneous processed foods.....	122.7	103.4	106.2	101.8	104.3	108.9	113.6	114.0
<b>Textile products and apparel</b> .....	<b>104.8</b>	<b>100.7</b>	<b>101.5</b>	<b>100.6</b>	<b>100.5</b>	<b>101.2</b>	<b>101.8</b>	<b>102.1</b>
Cotton products.....	110.3	101.4	104.4	101.7	100.3	99.6	100.2	102.5
Wool products.....	108.6	100.7	98.2	99.1	100.9	103.0	104.3	106.0
Manmade fiber textile products.....	117.5	106.8	97.5	93.9	93.9	95.8	95.0	89.5
Silk products.....	85.8	106.4	105.7	125.9	139.9	117.3	134.3	153.6
Apparel.....	96.7	98.9	101.3	101.5	101.9	102.8	103.7	105.0
Miscellaneous textile products.....	145.1	97.8	111.9	122.4	117.1	117.9	123.0	122.6
<b>Hides, skins, leather, and leather products</b> .....	<b>99.9</b>	<b>89.5</b>	<b>105.2</b>	<b>107.4</b>	<b>104.2</b>	<b>104.6</b>	<b>109.2</b>	<b>119.7</b>
Hides and skins.....	152.0	83.5	100.5	106.2	84.0	87.5	111.2	140.8
Leather.....	109.1	86.3	103.5	108.5	101.9	102.9	108.1	121.1
Footwear.....	85.7	90.3	107.0	108.6	108.3	108.5	110.7	118.2
Other leather products.....	96.8	94.5	104.2	104.3	104.0	103.1	106.1	114.4
<b>Fuels, and related products, and power</b> .....	<b>90.2</b>	<b>94.5</b>	<b>99.6</b>	<b>100.2</b>	<b>99.8</b>	<b>97.1</b>	<b>98.9</b>	<b>101.3</b>
Coal.....	86.1	85.0	98.8	96.8	96.9	96.9	96.5	98.6
Coke.....	70.6	82.2	103.6	103.6	103.6	106.3	107.3	109.8
Gas fuels (Jan. 1958=100).....	(NA)	(NA)	116.6	119.2	122.8	121.3	124.1	129.3
Electric power (Jan. 1958=100).....	(NA)	(NA)	101.9	102.8	102.0	101.1	100.8	100.3
Crude petroleum.....	82.0	91.1	97.2	97.7	97.3	96.9	96.8	97.5
Petroleum products, refined.....	87.0	94.0	97.6	98.2	97.2	92.7	95.9	99.5
<b>Chemicals and allied products</b> .....	<b>87.5</b>	<b>96.9</b>	<b>100.2</b>	<b>97.5</b>	<b>96.3</b>	<b>96.7</b>	<b>97.4</b>	<b>97.8</b>
Industrial chemicals.....	81.8	95.6	100.5	96.3	94.8	94.2	95.0	95.7
Prepared paint.....	77.8	89.7	100.7	103.8	103.8	104.7	105.4	106.8
Paint materials.....	89.1	94.9	101.7	95.6	91.1	91.0	89.8	90.1
Drugs and pharmaceuticals.....	98.9	99.3	100.2	96.0	95.1	95.0	94.4	94.5
Fats and oils, inedible.....	114.1	94.0	81.5	76.3	80.3	96.8	112.7	102.8
Mixed fertilizer.....	92.1	98.7	100.9	103.8	103.6	103.9	105.1	105.6
Fertilizer materials.....	94.8	105.0	102.2	101.9	99.9	100.1	103.5	104.4
Other chemicals and allied products.....	88.9	99.6	100.3	99.4	99.0	99.4	99.8	100.5
<b>Rubber and rubber products</b> .....	<b>83.2</b>	<b>99.2</b>	<b>99.9</b>	<b>93.3</b>	<b>93.8</b>	<b>92.5</b>	<b>92.9</b>	<b>94.8</b>
Crude rubber.....	110.5	110.1	109.3	93.6	91.9	90.6	90.0	89.2
Tires and tubes.....	76.3	97.4	93.0	87.1	90.1	89.0	90.0	93.3
Miscellaneous rubber products.....	77.5	94.7	102.6	99.4	98.3	96.9	97.1	98.8
<b>Lumber and wood products</b> .....	<b>94.1</b>	<b>102.3</b>	<b>100.4</b>	<b>96.5</b>	<b>98.6</b>	<b>100.6</b>	<b>101.1</b>	<b>105.6</b>
Lumber.....	93.9	102.4	99.8	96.5	98.9	100.7	101.9	108.5
Millwork.....	87.7	98.4	104.5	101.8	104.0	108.5	107.7	110.0
Plywood.....	108.4	107.4	97.8	92.4	93.5	92.3	92.3	92.8
<b>Pulp, paper, and allied products</b> .....	<b>77.1</b>	<b>91.1</b>	<b>101.8</b>	<b>100.0</b>	<b>99.2</b>	<b>99.0</b>	<b>99.9</b>	<b>102.6</b>
Woodpulp.....	79.4	93.8	100.2	93.2	91.7	96.1	98.1	98.0
Wastepaper.....	128.9	119.5	90.3	97.5	92.2	92.4	99.4	105.0
Paper.....	74.7	91.1	102.0	102.6	102.4	103.6	104.1	107.3
Paperboard.....	77.1	93.3	99.4	93.1	94.7	96.4	96.4	97.1
Converted paper and paperboard products.....	76.8	89.6	102.8	101.0	99.7	98.3	99.3	102.3
Building paper and board.....	74.9	91.1	101.4	97.2	95.9	94.0	92.7	92.6

NA Not available.

## No. 499. WHOLESALE PRICE INDEXES, BY COMMODITIES: 1950 TO 1966—Con.

(1957-59=100, except as indicated)

COMMODITY GROUP	1950	1955	1960	1962	1963	1964	1965	1966
<b>Metals and metal products</b> .....	72.7	90.0	101.3	100.0	100.1	102.8	105.7	108.3
Iron and steel.....	66.9	83.2	100.6	99.3	99.1	100.5	101.4	102.3
Nonferrous metals.....	77.8	106.7	103.9	99.2	99.1	105.9	115.2	120.9
Metal containers.....	71.2	86.6	100.3	103.7	104.7	105.5	107.6	110.0
Hardware.....	67.4	86.4	102.8	104.0	104.1	104.8	106.0	109.6
Plumbing fixtures and brass fittings.....	84.5	98.0	103.1	100.1	100.0	100.9	103.1	108.4
Heating equipment.....	86.7	95.0	98.1	93.2	92.9	92.0	91.7	92.5
Fabricated structural metal products.....	77.9	91.6	100.8	98.2	98.2	99.3	101.2	103.9
Fabricated nonstructural metal products.....	79.5	88.1	100.6	103.9	105.1	108.5	109.4	111.6
<b>Machinery and motive products</b> .....	72.6	85.8	102.4	102.3	102.2	102.9	103.7	106.0
Agricultural machinery and equipment.....	79.8	88.9	105.4	109.5	111.1	112.9	115.1	118.5
Construction machinery and equipment.....	67.2	82.6	105.8	107.8	109.6	112.4	115.3	118.9
Metalworking machinery and equipment.....	65.7	83.6	105.5	109.3	109.8	112.6	116.9	123.2
General purpose machinery and equipment.....	68.6	83.2	103.6	103.3	103.8	104.4	105.1	109.7
Miscellaneous machinery.....	72.8	87.5	101.8	103.2	103.5	104.5	105.2	106.5
Special industry machinery and equip. <sup>1</sup> .....	(NA)	(NA)	(NA)	101.9	104.0	105.9	108.0	111.8
Electrical machinery and equipment.....	70.1	84.4	101.3	98.4	97.4	96.8	96.8	99.0
Motor vehicles.....	77.0	88.2	101.0	100.8	100.0	100.5	100.7	100.8
Transportation equip., R. R. rolling stock <sup>1</sup> .....	(NA)	(NA)	(NA)	100.5	100.5	100.5	100.9	101.2
<b>Furniture and other household durables</b> .....	85.6	94.3	100.1	98.8	98.1	98.5	98.0	99.1
Household furniture.....	85.4	92.5	101.6	103.8	104.6	105.3	106.2	109.1
Commercial furniture.....	71.5	86.1	102.2	102.3	102.7	103.2	103.7	105.7
Floor coverings.....	88.6	97.5	100.5	97.0	96.6	99.4	97.7	97.0
Household appliances.....	97.1	101.8	97.0	94.0	91.8	91.3	89.2	89.1
TV, radio receivers, and phonographs.....	103.2	99.1	97.3	91.1	88.6	87.2	85.2	83.6
Other household durable goods.....	71.0	87.1	102.8	103.1	103.2	104.2	105.4	107.8
<b>Nonmetallic mineral products</b> .....	78.6	91.3	101.4	101.8	101.3	101.5	101.7	102.6
Flat glass.....	79.3	94.5	97.9	97.0	98.3	102.4	100.9	100.7
Concrete ingredients.....	77.1	90.2	102.7	103.2	103.0	102.8	103.2	103.9
Concrete products.....	82.4	92.7	102.4	102.6	101.7	100.9	101.5	103.0
Structural clay products.....	71.7	89.3	103.1	103.5	103.6	104.2	105.1	106.4
Gypsum products.....	80.0	93.4	101.9	105.0	105.4	108.2	104.0	102.4
Asphalt roofing.....	86.5	90.5	91.6	94.8	90.0	88.8	92.8	96.0
Other nonmetallic minerals.....	81.8	92.9	102.8	102.2	101.4	101.5	101.3	101.7
<b>Tobacco prod. and bottled beverages</b> .....	80.5	94.6	102.5	104.1	106.1	107.4	107.7	109.5
Tobacco products.....	83.1	93.4	101.9	102.1	104.5	106.0	106.2	109.6
Alcoholic beverages.....	84.6	95.2	100.3	101.0	101.0	100.7	100.8	101.0
Nonalcoholic beverages.....	65.5	95.4	110.3	116.9	122.6	127.0	128.3	130.5
<b>Miscellaneous products</b> .....	104.1	99.1	99.3	107.3	110.4	109.2	111.0	117.2
Toys, sporting goods, small arms, and ammunition.....	90.6	96.2	100.2	100.8	101.0	101.0	102.7	104.1
Manufactured animal feeds.....	126.4	104.8	96.4	110.6	116.4	113.9	116.3	126.6
Notions and accessories.....	94.5	94.5	99.5	98.7	98.8	99.1	99.1	100.5
Jewelry, watches, and photo. equipment.....	90.4	96.2	102.7	104.2	103.7	103.5	104.4	105.4
Other miscellaneous products.....	82.9	92.8	101.0	101.3	101.4	102.5	103.7	105.6

NA Not available. <sup>1</sup> Jan. 1961=100.Source: Dept. of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.

## No. 500. INDEXES OF SPOT PRIMARY MARKET PRICES: 1950 TO 1967

[1957-59=100. Index computed daily; represents unweighted geometric average of daily price quotations of 22 commodities, traded on organized exchanges. This index is much more sensitive to changes in market conditions than is a monthly or weekly wholesale price index]

DATE	All commodities	Foodstuffs	Raw industrials	Livestock and products	Metals	Textiles and fibers	Fats and oils
Number of commodities.....	22	9	13	5	5	4	4
1950—June 20.....	101.9	102.6	101.5	103.1	103.1	121.1	93.0
1955—June 14.....	104.2	105.8	103.1	93.9	111.7	105.3	104.2
1957—June 18.....	103.0	101.0	104.5	101.1	108.6	106.0	105.6
1958—June 17.....	98.5	109.6	91.4	106.3	87.6	95.6	104.7
1959—June 16.....	101.7	99.3	103.5	103.5	99.4	100.8	95.1
1960—June 14.....	98.5	92.6	102.8	91.0	96.6	101.4	86.2
1961—June 13.....	96.6	90.8	100.9	91.1	99.9	100.0	95.6
1962—June 12.....	92.7	88.6	95.6	84.6	86.6	108.4	83.8
1963—June 11.....	93.9	92.9	94.5	79.2	92.5	105.4	81.0
1964—June 16.....	95.2	86.8	101.5	82.7	112.9	101.4	86.9
1965—June 15.....	104.1	89.4	115.6	104.9	136.4	109.1	98.6
1966—June 14.....	110.9	101.0	118.3	108.8	138.2	112.9	105.8
1967—Mar. 14.....	100.3	96.5	103.0	88.9	121.4	100.1	88.6
Apr. 18.....	97.8	94.6	100.1	86.9	116.1	98.1	89.5

Source: Dept. of Labor, Bureau of Labor Statistics; *Daily Indexes and Spot Market Prices*.



# No. 501. WHOLESALE PRICE INDEXES, BY STAGE OF PROCESSING AND DURABILITY OF PRODUCT: 1950 TO 1967

[1957-59=100. 1960 and earlier years exclude Alaska and Hawaii; for treatment in index weights, see text, p. 347. These indexes are a regrouping of the regular Wholesale Price Index series to show price movements at various levels of production and in the various sectors of the economy. The new series comprise three major categories: (a) raw or crude materials; (b) intermediate materials, components, and supplies for further processing; (c) finished goods. Each of these three is further divided in accordance with end-use and durability. See *Historical Statistics, Colonial Times to 1957*, series E 42-64, for indexes on 1947-49 base]

ITEM	1950	1955	1960	1963	1964	1965	1966	1967, April (prel.)
<b>All commodities</b> -----	86.8	93.2	100.7	100.3	100.5	102.5	105.9	105.3
<b>STAGE OF PROCESSING</b>								
<b>Crude materials for further processing</b> -----	104.2	96.7	96.6	95.0	94.1	98.9	105.3	98.0
Foodstuffs and feedstuffs-----	108.9	96.2	96.2	94.0	91.9	98.3	107.2	99.2
Nonfood materials, except fuel-----	100.0	99.1	96.8	96.2	97.8	99.8	101.9	94.6
For manufacturing-----	101.4	100.0	96.2	95.6	97.4	99.5	101.8	93.6
For construction-----	77.1	90.2	102.7	103.0	102.8	103.2	103.9	105.6
<b>Fuel</b> -----	86.1	87.1	102.5	103.0	102.5	103.3	106.4	110.2
For manufacturing industries-----	86.4	87.1	102.4	103.0	102.4	103.2	106.3	109.9
For nonmanufacturing industries-----	85.8	87.3	102.6	103.3	102.8	103.5	106.6	110.6
<b>Intermediate materials, supplies, and components</b> -----	83.0	93.0	101.0	100.5	100.9	102.2	104.8	105.5
Materials and components for manufacturing-----	81.8	92.6	101.0	99.4	100.4	102.0	104.0	104.6
Materials for-----								
Food manufacturing-----	94.7	97.5	99.5	105.5	104.0	106.6	111.3	108.1
Nondurable manufacturing-----	95.2	97.3	100.8	97.1	97.8	98.7	99.5	99.1
Durable manufacturing-----	72.1	90.0	101.9	100.5	102.5	104.6	106.6	107.7
Components for manufacturing-----	71.9	87.4	100.6	98.8	99.7	101.3	104.9	107.9
Materials and components for construction-----	81.2	93.7	101.1	99.6	100.6	101.4	104.1	104.9
<b>Processed fuels and lubricants</b> -----	91.9	95.4	100.4	100.3	98.1	99.5	101.4	102.5
For manufacturing industries-----	92.0	95.0	101.2	101.6	99.8	101.0	102.5	103.6
For nonmanufacturing industries-----	91.8	95.9	99.0	98.1	95.2	97.1	99.4	100.6
<b>Containers</b> -----	76.7	88.0	101.8	101.0	100.2	102.1	104.9	106.6
<b>Supplies</b> -----	87.9	94.5	101.0	106.1	105.0	106.0	110.7	111.4
For manufacturing industries-----	77.2	90.7	106.4	105.4	105.5	106.1	108.9	110.4
For nonmanufacturing industries-----	94.8	97.2	98.2	105.8	104.2	105.4	110.7	111.1
Manufactured animal feeds-----	125.3	106.8	88.8	109.7	107.4	109.7	119.5	115.9
Other supplies-----	83.9	93.7	101.5	101.4	100.4	100.9	103.4	105.2
<b>Finished goods</b> <sup>1</sup> -----	85.5	92.5	101.4	101.4	101.8	103.6	106.9	107.0
Consumer goods-----	89.8	94.7	101.1	100.7	100.9	102.8	106.4	105.7
Foods-----	92.8	94.7	100.8	100.1	100.6	104.5	111.2	106.9
Crude foods-----	93.7	100.4	102.2	97.0	99.8	100.2	106.5	97.8
Processed foods-----	92.5	93.6	100.6	100.6	100.7	105.2	112.0	108.6
Other nondurable goods-----	89.6	95.8	101.5	101.9	101.6	102.8	104.8	106.4
Durable goods-----	84.1	92.8	100.9	99.5	99.9	99.6	100.2	101.3
<b>Producer finished goods</b> -----	72.4	85.6	102.3	103.1	104.1	105.4	108.0	110.8
For manufacturing industries-----	70.4	84.6	103.4	105.0	106.2	108.0	111.3	114.7
For nonmanufacturing industries-----	74.2	86.6	101.2	101.2	102.0	102.9	104.6	107.0
<b>DURABILITY OF PRODUCT</b>								
<b>Durable goods, total</b> -----	75.9	89.5	101.7	101.0	102.4	103.7	106.0	107.6
<b>Nondurable goods, total</b> -----	94.9	96.1	99.9	99.6	99.1	101.5	105.6	103.7
<b>Manufactures</b> -----	83.6	92.4	101.1	100.6	101.1	102.8	105.7	106.2
Durable-----	75.4	89.0	101.9	101.3	102.5	103.7	106.0	107.8
Nondurable-----	92.3	96.0	100.2	99.8	99.7	101.9	105.3	104.6
<b>Raw or slightly processed goods</b> -----	100.1	96.8	98.8	98.5	97.5	100.7	106.5	101.0
Durable-----	92.2	105.9	93.5	89.6	98.0	104.7	109.0	99.2
Nondurable-----	100.6	96.3	99.1	99.1	97.5	100.5	106.4	101.1

<sup>1</sup> Goods to users, including raw foods and fuels.

Source: Dept. of Labor, Bureau of Labor Statistics; monthly report, *Wholesale Prices and Price Indexes*, and *Monthly Labor Review*.



## No. 502. WHOLESALE PRICES OF SELECTED COMMODITIES: 1950 TO 1966

[In dollars per unit. Annual averages. See also *Historical Statistics, Colonial Times to 1957*, series E 101-112, for selected items]

ITEM	1950	1955	1960	1963	1964	1965	1966
<b>Farm products:</b>							
Wheat, hard winter, No. 2, Kansas City <sup>1</sup> .....hu..	2.226	2.256	1.993	2.178	1.879	1.560	1.789
Steers, choice <sup>2</sup> .....100 lb.	30.258	24.052	26.708	24.292	23.073	25.719	26.260
Cotton, raw <sup>3</sup> .....lb.	.362	.336	.314	.335	.322	.303	.263
Wool, combing and staple.....lb.	1.981	1.423	1.163	1.323	1.393	1.251	1.348
Eggs, fancy, heavy weight <sup>4</sup> .....doz.	.447	.449	.409	.381	.363	.380	.434
Corn, No. 2 yellow, Chicago.....hu.	1.507	1.413	1.157	1.252	1.254	1.302	1.370
<b>Processed foods:</b>							
Flour, Kansas City.....100 lb.	5.427	5.935	4.992	5.365	5.390	5.465	5.994
Beef, choice.....100 lb.	47.424	40.280	44.881	41.813	39.985	43.048	43.911
Milk, Chicago.....qt.	.175	.199	.238	.260	.263	.265	.413
Sugar, granulated (excl. excise tax).....lb.	.078	.084	.087	.112	.100	.095	.096
Coffee, tin.....lb.	(NA)	.907	.699	.646	.793	.803	.791
Lard, refined, cartons, Chicago.....lb.	.157	.151	.135	.139	.149	.176	(NA)
<b>Textile products:</b>							
Cotton sheeting, Class A.....yd.	.259	<sup>5</sup> .213	.223	.224	.230	.225	.247
Suits, men's, medium grade.....each.	(NA)	40.640	44.442	(NA)	46.165	(NA)	50.865
<b>Hides, skins, leather, and leather products:</b>							
Cattlehides, packer, heavy native, steer.....lb.	.256	.125	.138	.111	.106	.143	.177
Cattlehide leather, upper workshoe elk.....sq. ft.	.489	.339	.375	.411	.403	.464	.521
Oxfords, men's, elk or kip side upper.....pair.	4.857	<sup>6</sup> 5.113	(NA)	5.890	(NA)	5.891	(NA)
<b>Fuel, power, and lighting materials:</b>							
Coal, anthracite, chestnut.....sh. ton.	12.583	(NA)	13.948	13.361	13.895	12.982	(NA)
Coal, bituminous, large domestic sizes.....sh. ton.	(NA)	6.831	(NA)	7.014	6.895	6.926	(NA)
Gasoline, Oklahoma.....gal.	.100	.108	.117	.109	.102	.112	.114
Distillate fuel oil, No. 2 N.Y. harbor.....gal.	.083	.101	.095	.092	.086	.090	.094
<b>Chemicals and allied products:</b>							
Sulfuric acid.....ton.	18.054	22.350	22.350	22.350	22.350	23.513	25.267
Benzene.....gal.	.253	.360	.340	.250	(NA)	.263	.270
Paint, outside.....gal.	3.749	4.349	4.806	4.954	(NA)	(NA)	5.021
Turpentine <sup>7</sup> .....gal.	.531	.640	.489	.314	.433	.545	.563
<b>Rubber and rubber products:</b>							
Natural rubber, No. 1 ribbed, smoked sheets.....lb.	.413	<sup>8</sup> .390	.385	.263	.252	.257	.236
Synthetic rubber, butyl, Grade I type.....lb.	.186	.230	.230	.270	.270	(NA)	.250
Reclaimed rubber.....lb.	.090	.101	.110	.115	.115	.115	.115
<b>Lumber and wood products:</b>							
Softwood plywood, interior grade <sup>9</sup> .....1,000 sq. ft.	88.126	<sup>8</sup> 80.884	(NA)	60.015	58.418	(NA)	60.666
Flooring, maple.....1,000 bd. ft.	180.271	181.477	208.948	205.802	207.474	210.541	238.700
<b>Pulp, paper, and allied products:</b>							
Woodpulp, sulphate, bleached.....sh. ton.	126.156	147.625	156.208	138.875	145.125	147.500	147.500
Book paper, A grade.....100 lb.	11.661	14.300	16.853	16.391	16.688	16.873	(NA)
Newsprint, standard.....ton.	101.625	125.938	134.400	134.400	134.233	132.400	136.233
Toilet tissue.....case.	6.147	<sup>8</sup> 7.050	7.383	7.072	7.072	7.083	7.323
Paper towels.....case.	3.263	<sup>8</sup> 3.742	4.110	4.067	4.067	4.074	4.132
Grocery bags.....1,000.	3.151	3.408	4.752	4.103	4.237	4.689	4.921
<b>Metal and metal products:</b>							
Iron ore, mesabi, non-Bessemer.....long ton.	7.717	10.067	11.450	10.633	10.558	10.550	10.550
Iron and steel scrap, No. 1 heavy melting <sup>8</sup> .....long ton.	39.133	40.542	32.958	27.000	34.729	35.167	31.021
Steel rails, standard <sup>9</sup> .....100 lb.	3.417	4.663	5.825	5.825	5.825	5.825	5.894
Copper ingot, electrolytic.....lb.	.216	.373	.325	.310	.323	.354	.360
Aluminum ingot.....lb.	.177	.237	(NA)	.226	.237	.245	.245
Aluminum sheet.....lb.	(NA)	(NA)	.468	.421	(NA)	(NA)	.433
Nails, wire, 8d, common <sup>10</sup> .....100 lb.	6.343	8.180	9.596	4.621	4.646	4.646	4.351
<b>Nonmetallic mineral products:</b>							
Brick, building.....1,000.	25.671	<sup>8</sup> 29.151	(NA)	(NA)	(NA)	30.458	31.315
Glass, window, single B.....50 sq. ft.	(NA)	(NA)	(NA)	4.951	5.395	5.349	5.378
Shingles, asphalt roofing, strip.....square.	(NA)	5.305	5.261	5.765	5.681	5.883	(NA)
<b>Miscellaneous:</b>							
Cigarettes, nonfilter tip (excl. excise tax).....1,000.	3.443	3.938	4.281	4.500	4.624	4.624	4.787
Soybean meal.....ton.	62.943	56.646	52.553	72.042	69.354	(NA)	83.621
Bran.....ton.	46.915	40.188	37.396	41.500	40.813	38.955	43.008

NA Not available. <sup>1</sup> Beginning 1963, No. 1 hard winter wheat.<sup>2</sup> Grade description changed from good to choice in 1951 with no change in quality.<sup>3</sup> 1950 price for 10 spot market, 15/16" middling; 1955, for 14 spot market, 15/16" middling; 1" thereafter. Beginning September 1962, price is for 15 market average.<sup>4</sup> Prior to January 1964, eggs, extras, New York.<sup>5</sup> Break in price series caused by change in reporter sample.<sup>6</sup> 1950 price for bulk lots, Savannah; 1955, tank cars, New York.<sup>7</sup> 1950-1955 prices for 5/16" thickness; 1/4" thereafter.<sup>8</sup> 1950-1955 prices, broker to consumer, Pittsburgh hasing point; thereafter, consumers' buying price, including brokerage, delivered, Pittsburgh district.<sup>9</sup> 1950 price, standard, heavier than 60 lb., No. 1 open hearth, f.o.b., mill; thereafter, standard, carbon steel, No. 1 open hearth, 115 lb. per linear yard, control cooled, base quantity, f.o.b. mill.<sup>10</sup> 1955 price for nails, wire, 8d common, carload lots; 1957 through August 1960, packed in fiberboard boxes; September 1960, lots of 30,000 lb.; beginning September 1961, price is for units of 50 lb.Source: Dept. of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices and Price Indexes*.

# NO. 503. AVERAGE PRICES (UNIT VALUES)—SELECTED ARTICLES IMPORTED AND EXPORTED: 1950 TO 1965

[In dollars per unit. Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of imports or domestic exports by annual quantities. Values of goods imported represent market values in foreign country from which imported. Values of goods exported represent values at port of exportation. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of CCC sales for exports, at prices well below U.S. market quotations, and of other Government programs]

ARTICLE	Unit	1950	1955	1960	1962	1963	1964	1965
<b>IMPORTS</b>								
Canned beef.....	Pound.....	0.311	0.321	0.328	0.340	0.312	0.320	0.359
Cashew nuts.....	Pound.....	.323	.351	.436	.391	.388	.481	.521
Raw sugar, over 95°, not above 99°, polari- scope test.....	Pound.....	.051	.052	.053	.056	.068	.064	.057
Coffee (Brazil).....	Pound.....	.450	.478	.326	.301	.297	.396	.399
Coffee (Colombia).....	Pound.....	.496	.626	.436	.395	.378	.456	.455
Cocoa (cacao beans, Africa).....	Pound.....	.234	.415	.271	.205	.205	.224	.156
Tea (Ceylon).....	Pound.....	.483	.580	.513	.471	.463	.453	.468
Whiskey, containers of 1 gal. or less (U.K.).....	Proof gal.....	5.824	5.480	5.789	5.866	5.951	6.343	6.532
Whiskey, containers of 1 gal. or less (Canada).....	Proof gal.....	5.573	5.970	6.139	6.028	6.179	6.264	6.285
Cigarette leaf, unstemmed.....	Pound.....	.706	.684	.711	.606	.602	.822	.732
Goat and kid skins, dry.....	Pound.....	.638	.590	.754	.612	.657	.715	.766
Copra.....	Pound.....	.088	.068	.081	.065	.073	.079	.089
Crude rubber, except milk.....	Pound.....	.249	.297	.343	.238	.228	.198	.174
Sawed lumber, fir.....	Mil. bd. ft.....	70.743	74.427	63.007	58.358	61.141	62.171	63.073
Sawed lumber, spruce.....	Mil. bd. ft.....	79.274	79.725	72.303	58.268	58.472	61.337	63.150
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades.....	Short ton.....	113.010	135.840	138.444	123.556	121.312	128.089	130.302
Woodpulp, sulphate, bleached.....	Short ton.....	121.030	138.621	141.356	127.667	127.975	135.306	135.598
Carpet wool, scoured.....	Pound <sup>1</sup> .....	.682	.844	.721	.655	.701	.765	.668
Apparel wool, 60's and finer.....	Pound <sup>1</sup> .....	(NA)	1.287	1.016	.974	1.039	1.202	.993
Iron ore (Canada).....	Long ton.....	6.850	7.844	9.883	10.090	10.556	11.046	11.128
Iron ore (Venezuela).....	Long ton.....	-	6.372	9.127	9.390	8.335	7.957	7.979
Manganese ore, metallurgical grade.....	Pound <sup>2</sup> .....	.023	.033	.037	.034	.030	.027	.028
Bauxite, crude.....	Long ton.....	6.252	7.017	8.139	10.823	11.182	11.405	11.257
Copper ores and concentrates.....	Pound <sup>2</sup> .....	.191	.324	.296	.288	.236	.320	.381
Crude petroleum, testing 25° A.P.I. or more (Venezuela).....	Barrel.....	(NA)	2.774	2.519	2.518	2.507	2.515	2.477
Newsprint.....	Short ton.....	93.133	118.756	127.293	127.151	127.065	126.379	124.886
Jute burlap.....	Pound.....	.216	.166	.176	.213	.221	.216	.225
Concrete reinforcement bars.....	Pound.....	.030	.043	.046	.037	.036	.039	.039
Steel tubes and pipes, at least .065" thick, 3/8" diameter.....	Pound.....	.066	.063	.074	.068	.065	.067	.065
Copper, refined (Chile).....	Pound <sup>2</sup> .....	.206	.360	.305	.302	.300	.313	.348
Nickel in pigs, ingots, shot, etc.....	Pound.....	.421	.681	.731	.755	.747	.736	.736
Tin bars, blocks, pigs, etc. (Malaya).....	Pound.....	.810	.900	.980	1.376	1.109	1.395	1.733
<b>EXPORTS</b>								
Wheat.....	Bushel.....	1.963	1.744	1.691	1.809	1.785	1.793	1.633
Milled rice, less than 75% broken kernels.....	Pound.....	.080	.077	.066	.067	.068	.070	.072
Corn.....	Bushel.....	1.564	1.554	1.272	1.238	1.344	1.355	1.391
Grain sorghums.....	Bushel.....	1.226	1.061	1.120	1.110	1.192	1.215	1.212
Wheat flour.....	100 pounds.....	3.959	4.348	3.686	3.819	3.866	4.096	4.078
Leaf tobacco, flue-cured unstemmed.....	Pound.....	.524	.668	.757	.778	.772	.768	.778
Cigarettes.....	1,000.....	3.102	3.672	4.323	4.414	4.512	4.558	4.568
Soybeans.....	Bushel.....	2.590	2.592	2.268	2.531	2.699	2.706	2.855
Synthetic rubber, "S" type, exc. latex (liquid).....	Pound.....	(NA)	(NA)	.215	.194	.185	.179	.181
Woodpulp, special alpha and dissolving grades.....	Short ton.....	(NA)	191.358	176.517	163.108	162.003	161.768	165.077
Cotton, upland, staple, 1" to 1 1/8".....	Pound.....	(NA)	.385	.270	.288	.277	.270	.267
Cotton, upland, staple, 1 1/8" and over.....	Pound.....	.378	.409	.312	.326	.320	.318	.337
Bituminous coal.....	Short ton.....	8.110	8.514	9.077	9.146	9.131	9.198	9.272
Steel scrap, No. 1, heavy melting.....	Short ton.....	(NA)	(NA)	36.500	32.434	30.244	34.637	34.494
Tallow, inedible.....	Pound.....	.088	.083	.065	.064	.064	.073	.089
Soybean oil, crude.....	Pound.....	.132	.122	.097	.099	.097	.099	.118
Carbon steel sheets, cold rolled, ungalvanized.....	Pound.....	.055	.069	.079	.076	.079	.078	.077
Polyethylene resin.....	Pound.....	(NA)	(NA)	.281	.187	.179	.167	.189
Styrene, polymer, and copolymer resins.....	Pound.....	.290	.279	.238	.240	.229	.207	.223
Container board liners.....	Pound.....	.049	.061	.062	.059	.059	.058	.057
Nylon yarn, incl. monofilaments.....	Pound.....	(NA)	(NA)	1.608	1.507	1.347	1.274	1.349
Carbon black, furnace.....	Pound.....	.070	.082	.082	.079	.079	.079	.078
Copper, refined, crude forms.....	Pound.....	.201	.378	.313	.299	.301	.323	.387
Aluminum metal and alloys.....	Pound.....	.196	.232	.225	.220	.214	.221	.227

- Represents zero. NA Not available. <sup>1</sup> Clean content. <sup>2</sup> Metal content.

Source: Dept. of Commerce, Bureau of International Commerce; unpublished data.



## No. 504. CONSUMER PRICE INDEXES, BY COMMODITY GROUPS: 1913 TO 1967

[1957-59=100. Prior to 1964, excludes Alaska and Hawaii. Beginning 1964, the index structure has been revised to reflect buying patterns of urban wage earners and clerical workers in the 1960's, including single workers living alone as well as families of two or more persons. The indexes for prior years apply only to families of two persons or more. See *Historical Statistics, Colonial Times to 1957*, Series E 113-139, for indexes on 1947-49 base]

YEAR	All items	Food <sup>1</sup>	Rent	Apparel and upkeep <sup>2</sup>	YEAR	All items	Food <sup>1</sup>	Rent	Apparel and upkeep <sup>2</sup>	YEAR	All items	Food <sup>1</sup>	Rent	Apparel and upkeep <sup>2</sup>
1913..	34.5	33.6	55.7	33.3	1935..	47.8	42.1	56.9	46.5	1944..	61.3	57.1	65.9	66.7
1915..	35.4	33.9	56.1	34.3	1940..	48.8	40.5	63.2	48.8	1945..	62.7	58.4	66.1	70.1
1920..	69.8	70.8	72.9	96.5	1941..	51.3	44.2	64.3	51.1	1946..	68.0	66.9	66.5	76.9
1925..	61.1	55.8	91.9	58.8	1942..	56.8	51.9	65.7	59.6	1947..	77.8	81.3	68.7	89.2
1930..	58.2	52.9	83.1	54.1	1943..	60.3	57.9	65.7	62.2	1948..	83.8	88.2	73.2	95.0

YEAR AND MONTH	All items	Food <sup>1</sup>	HOUSING					Apparel and upkeep <sup>2</sup>	Transportation	HEALTH AND RECREATION				
			Total <sup>3</sup>	Rent	Home-ownership	Fuel and utilities	Household furnishings and operation			Total	Medical care	Personal care	Reading and recreation	Other goods and services <sup>4</sup>
1949.....	83.0	84.7	81.0	76.4	(NA)	(NA)	(NA)	91.3	77.0	(NA)	72.0	78.9	89.9	81.2
1950.....	83.8	85.8	83.2	79.1	(NA)	(NA)	(NA)	90.1	79.0	(NA)	73.4	78.9	89.3	82.6
1951.....	90.5	95.4	88.2	82.3	(NA)	(NA)	(NA)	98.2	84.0	(NA)	76.9	86.3	92.0	86.1
1952.....	92.5	97.1	89.9	85.7	(NA)	(NA)	(NA)	97.2	89.6	(NA)	81.1	87.3	92.4	90.6
1953.....	93.2	95.6	92.3	90.3	90.1	90.5	98.8	96.5	92.1	89.7	83.9	88.1	93.3	92.8
1954.....	93.6	95.4	93.4	93.5	91.7	91.0	98.3	96.3	90.8	90.7	86.6	88.5	92.4	94.3
1955.....	93.3	94.0	94.1	94.8	92.6	92.8	97.3	95.9	89.7	91.4	88.6	90.0	92.1	94.3
1956.....	94.7	94.7	95.5	96.5	94.1	95.2	97.3	97.8	91.3	93.6	91.8	93.7	93.4	95.8
1957.....	98.0	97.8	98.5	98.3	98.2	98.0	99.4	99.5	96.5	97.0	95.5	97.1	96.9	98.5
1958.....	100.7	101.9	100.2	100.1	100.4	99.9	99.9	99.8	99.7	100.3	100.1	100.4	100.8	99.8
1959.....	101.5	100.3	101.3	101.6	101.4	102.2	100.7	100.6	103.8	102.8	104.4	102.4	102.4	101.8
1960.....	103.1	101.4	103.1	103.1	103.7	104.5	101.5	102.2	103.8	105.4	108.1	104.1	104.9	103.8
1961.....	104.2	102.6	103.9	104.4	104.4	105.8	101.4	103.0	105.0	107.3	111.3	104.6	107.2	104.6
1962.....	105.4	103.6	104.8	105.7	105.6	106.1	101.5	103.6	107.2	109.4	114.2	106.5	109.6	105.3
1963.....	106.7	105.1	106.0	106.8	107.0	107.0	102.4	104.8	107.8	111.4	117.0	107.9	111.5	107.1
1964.....	108.1	106.4	107.2	107.8	109.1	107.3	102.8	105.7	109.3	113.6	119.4	109.2	114.1	108.8
1965.....	109.9	108.8	108.5	108.9	111.4	107.2	103.1	106.8	111.1	115.6	122.3	109.9	115.2	111.4
1966.....	113.1	114.2	111.1	110.4	115.7	107.7	105.0	109.6	112.7	119.0	127.7	112.2	117.1	114.9
March.....	112.0	113.9	109.6	109.9	113.5	106.6	104.0	108.2	111.4	117.6	125.3	111.0	116.6	113.8
1967, March..	115.0	114.2	113.3	111.8	118.6	108.7	107.3	112.6	114.2	122.2	134.6	114.4	118.9	116.4

NA Not available.

<sup>1</sup> Beginning 1953, includes restaurant meals and other food bought and eaten away from home.

<sup>2</sup> Formerly apparel; redefined in 1964 to include laundry, drycleaning, and other apparel upkeep services.

<sup>3</sup> Beginning 1964, also includes hotel and motel room rates.

<sup>4</sup> Comprises tobacco, alcoholic beverages, legal services, banking fees, burial services, etc.

Source: Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

## No. 505. CONSUMER PRICE INDEXES FOR SPECIAL GROUPS: 1940 TO 1967

[1957-59=100. Prior to 1964, excludes Alaska and Hawaii. See headnote, table 504]

YEAR AND MONTH	All items, excluding food	All items, excluding shelter	COMMODITIES				SERVICES	
			Total <sup>1</sup>	Excluding food			Including rent <sup>1</sup>	Excluding rent <sup>1</sup>
				Total <sup>1</sup>	Durable <sup>1</sup>	Nondurable		
1940.....	55.3	46.3	45.1	52.4	50.2	50.6	55.7	50.0
1950.....	83.1	84.7	87.6	88.9	92.2	86.2	75.0	73.4
1955.....	93.1	93.4	94.6	94.9	95.4	94.4	90.5	89.4
1960.....	103.7	103.0	101.7	101.7	100.9	102.6	106.6	107.4
1962.....	106.1	105.4	103.2	102.8	101.8	103.8	110.9	112.1
1963.....	107.4	106.7	104.1	103.5	102.1	104.8	113.0	114.5
1964.....	108.9	108.0	105.2	104.4	103.0	105.7	115.2	117.0
1965.....	110.4	109.6	106.4	105.1	102.6	107.2	117.8	120.0
1966.....	113.0	112.9	109.2	106.5	102.7	109.7	122.3	125.0
March.....	111.6	111.9	108.4	105.6	102.0	108.6	120.1	122.5
1967, March..	115.4	114.6	110.0	107.8	102.9	111.8	126.3	129.5

<sup>1</sup> Not comparable to series published prior to 1964. Indexes have been revised to reflect transfer of home purchase from services to durable commodities.

Source: Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.



# No. 506. CONSUMER PRICE INDEXES—SELECTED CITIES, 1940 TO 1963, AND SELECTED SMSA's, 1964 TO 1966

[1957-59=100, except as noted. Annual averages. For coverage details, see text, p. 348. For definition of standard metropolitan statistical area (SMSA), see text, p. 2]

CITY	ALL ITEMS								
	1940	1945	1950	1955	1959	1960	1961	1962	1963
City average <sup>1</sup> -----	48.8	62.7	83.8	93.3	101.5	103.1	104.2	105.4	106.7
Atlanta-----	47.2	62.1	83.6	93.9	101.3	102.7	103.2	104.1	105.1
Baltimore-----	46.8	61.9	82.9	92.8	102.2	103.4	104.4	105.2	106.8
Boston-----	49.8	62.4	83.3	91.8	101.5	103.6	105.1	107.4	109.5
Chicago-----	46.9	59.3	82.3	93.5	101.6	103.0	103.6	104.6	105.7
Cincinnati-----	48.3	62.7	84.0	93.4	101.2	102.2	102.6	103.6	104.7
Cleveland-----	47.8	62.2	82.5	93.1	101.1	102.3	103.2	103.5	104.7
Detroit-----	48.2	62.4	83.9	94.5	100.4	101.3	101.9	102.2	103.2
Houston-----	48.5	60.7	85.7	94.1	101.1	102.1	102.6	104.6	105.6
Kansas City, Mo-----	49.4	63.6	83.6	93.5	101.8	103.1	104.5	106.1	107.2
Los Angeles-----	48.5	63.0	82.4	92.7	102.2	104.1	105.4	106.6	108.2
Minneapolis-----	49.2	60.8	83.4	94.4	101.5	103.1	104.2	105.5	107.0
New York-----	50.5	64.8	84.7	93.1	101.9	103.9	104.8	106.4	108.7
Philadelphia-----	48.3	62.4	83.3	94.1	101.4	103.2	104.4	105.2	107.2
Pittsburgh-----	47.8	61.8	83.0	92.4	101.9	104.1	105.0	105.9	107.1
Portland, Oreg-----	47.1	63.1	83.9	92.9	101.5	102.9	104.1	104.6	106.6
St. Louis-----	48.1	61.2	82.8	93.5	101.8	102.4	103.9	105.1	106.2
San Francisco-----	46.3	61.5	80.5	91.1	102.4	104.5	105.8	107.4	108.9
Scranton-----	49.7	63.9	85.2	93.4	101.3	102.5	104.1	105.9	107.3
Seattle-----	47.3	62.0	82.6	92.8	102.0	103.3	104.9	106.5	108.2
Washington, D.C-----	50.4	65.0	85.7	94.4	101.1	102.2	103.7	104.6	106.4

CITY AVERAGE AND SMSA	1964		1965		1966					
	All items	Food	All items	Food	All items	Food	Housing	Apparel and upkeep	Medical care	Transportation
City average <sup>1 2</sup> -----	108.1	106.4	109.9	108.8	113.1	114.2	111.1	109.6	127.7	112.7
Atlanta, Ga-----	106.7	104.8	108.1	107.4	111.5	112.9	110.8	111.0	124.3	110.7
Baltimore, Md-----	107.9	<sup>3</sup> 106.6	109.6	109.3	113.4	115.9	111.4	111.4	138.2	113.5
Boston, Mass-----	111.1	109.8	113.2	112.5	117.0	117.0	113.8	110.3	128.6	116.2
Buffalo, N.Y. <sup>4</sup> -----	101.1	101.5	103.5	104.1	107.0	108.8	104.7	108.1	109.7	106.2
Chicago, Ill.-North-western Ind-----	106.1	106.1	107.6	108.8	110.7	114.6	108.2	105.8	134.2	109.5
Cincinnati, Ohio-Ky-----	<sup>5</sup> 106.3	<sup>5</sup> 104.5	107.2	106.2	110.3	111.8	105.1	110.7	131.9	112.4
Cleveland, Ohio-----	105.2	102.1	106.9	104.8	109.7	110.9	104.8	108.4	135.4	112.6
Dallas, Tex. <sup>4</sup> -----	100.1	100.5	101.4	103.9	105.0	110.0	101.8	102.5	109.4	102.5
Detroit, Mich-----	104.0	101.9	106.4	105.0	111.1	112.2	104.7	110.5	135.2	111.9
Honolulu, Hawaii <sup>6</sup> -----	100.3	100.8	102.1	103.5	105.1	107.0	107.2	103.8	107.8	98.4
Houston, Tex-----	<sup>5</sup> 107.2	<sup>5</sup> 105.7	108.5	109.2	111.5	115.4	107.0	108.6	119.5	109.7
Kansas City, Mo.-Kans-----	<sup>5</sup> 109.8	<sup>5</sup> 107.2	113.3	111.3	116.3	117.2	110.2	112.9	134.1	118.5
Los Angeles-Long Beach, Calif-----	110.2	108.2	112.5	110.7	114.7	113.3	116.6	109.4	124.9	119.3
Milwaukee, Wis-----	<sup>5</sup> 106.0	<sup>5</sup> 105.0	108.2	107.7	110.6	114.0	107.0	107.6	121.4	111.7
Minneapolis-St. Paul, Minn-----	<sup>5</sup> 108.0	<sup>5</sup> 104.6	109.5	107.1	112.2	112.4	108.7	108.6	138.6	113.3
New York, N.Y.-North-eastern N.J-----	110.4	108.4	112.2	109.8	116.0	115.1	115.6	112.7	129.7	112.1
Philadelphia, Pa.-N.J-----	108.8	105.2	110.6	107.2	113.7	113.1	111.5	115.0	131.9	118.7
Pittsburgh, Pa-----	108.5	104.8	110.2	107.5	113.0	111.8	111.2	112.1	134.6	115.0
Portland, Oreg. <sup>5</sup> -----	109.0	107.1	111.8	109.5	115.3	114.7	116.1	112.7	126.6	110.2
St. Louis, Mo.-Ill-----	108.1	107.6	109.9	111.5	113.5	117.8	108.1	110.9	126.3	114.4
San Diego, Calif. <sup>7</sup> -----	(NA)	(NA)	100.1	102.7	102.1	106.5	100.9	100.4	106.2	100.4
San Francisco-Oakland, Calif-----	110.6	107.7	112.7	110.2	115.6	114.2	119.0	113.3	131.1	112.8
Scranton, Pa. <sup>5</sup> -----	109.3	105.6	111.0	107.7	114.9	112.8	108.8	111.2	135.8	110.3
Seattle, Wash-----	109.7	108.7	111.0	110.3	114.1	114.1	112.9	111.8	124.6	114.3
Wash., D.C.-Md.-Va-----	108.1	106.0	109.6	108.4	113.3	114.0	111.7	112.2	139.0	111.2

NA Not available.

<sup>1</sup> Based on 34 cities prior to 1955, 46 cities for 1955 through 1963, 50 urban areas for 1964 and 1965, and 56 areas beginning 1966. Separate indexes not compiled for medium and small-sized cities included in the national average.

<sup>2</sup> Excludes Portland, Oreg. and Scranton, Pa.; for 1964 and 1965, excludes Cincinnati, Ohio-Ky.; Houston, Tex.; Kansas City, Mo.-Kans.; Milwaukee, Wis.; Minneapolis-St. Paul, Minn.; and San Diego, Calif.

<sup>3</sup> 10-month average. <sup>4</sup> November 1963=100. <sup>5</sup> Old series indexes; see text, p. 348.

<sup>6</sup> December 1963=100. <sup>7</sup> February 1965=100.

Source: Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

# No. 507. CONSUMER PRICE INDEXES—RELATIVE IMPORTANCE OF COMMODITY GROUPS AND SERVICES: 1964 TO 1966

[Percent distribution. As of December. The relative importance of a component of the Consumer Price Index at any given time represents its expenditure weight multiplied by the relative price change from the weight date to the given period and the result expressed as a percent of the total for all items. For analysis and methodology, see source]

COMMODITY GROUP AND SERVICE	1964	1965	1966	COMMODITY GROUP AND SERVICE	1964	1965	1966
All commodities.....	65.71	65.51	65.03	<b>Apparel and upkeep.....</b>	<b>10.56</b>	<b>10.50</b>	<b>10.54</b>
All services.....	34.29	34.49	34.97	Men's and boys' apparel.....	2.86	2.86	2.85
<b>Food.....</b>	<b>22.49</b>	<b>22.83</b>	<b>22.94</b>	Men's apparel.....	2.21	2.22	2.21
Food at home.....	17.93	18.21	18.24	Boys' apparel.....	0.65	0.64	0.64
Cereals and bakery products.....	2.47	2.45	2.51	Women's and girls' apparel.....	4.03	3.99	4.00
Meats, poultry, and fish.....	5.55	6.05	5.90	Women's apparel.....	3.20	3.17	3.20
Dairy products.....	2.79	2.75	2.92	Girls' apparel.....	0.83	0.82	0.80
Fruits and vegetables.....	3.11	2.96	2.96	Footwear.....	1.50	1.52	1.56
Other foods at home.....	4.01	4.00	3.95	Other apparel.....	2.17	2.13	2.13
Food away from home.....	4.56	4.62	4.70	Commodities.....	0.70	0.66	0.65
Restaurant meals.....	3.77	3.83	3.90	Apparel services.....	1.47	1.47	1.48
Between meal snacks.....	0.79	0.79	0.80	<b>Transportation.....</b>	<b>13.93</b>	<b>13.80</b>	<b>13.70</b>
<b>Housing.....</b>	<b>33.13</b>	<b>32.98</b>	<b>32.89</b>	Private.....	12.68	12.56	12.41
Shelter.....	20.19	20.23	20.32	Public.....	1.25	1.24	1.29
Rent.....	5.49	5.44	5.34	<b>Health and recreation.....</b>	<b>19.51</b>	<b>19.51</b>	<b>19.55</b>
Hotels and motels.....	0.39	0.38	0.39	Medical care.....	5.75	5.80	5.97
Homeownership.....	14.31	14.41	14.59	Personal care.....	2.75	2.70	2.69
Fuel and utilities.....	5.22	5.12	4.96	Reading and recreation.....	5.96	5.87	5.80
Fuel oil and coal.....	0.72	0.72	0.70	Other goods and services.....	5.05	5.14	5.09
Gas and electricity.....	2.69	2.63	2.55	<b>Miscellaneous <sup>1</sup>.....</b>	<b>0.38</b>	<b>0.38</b>	<b>0.38</b>
Other utilities.....	1.81	1.77	1.71				
Household furnishings and operation.....	7.72	7.63	7.61				
Housefurnishings.....	4.63	4.52	4.50				
Housekeeping supplies.....	1.52	1.50	1.48				
Housekeeping services.....	1.57	1.61	1.63				

<sup>1</sup> Not actually priced; imputed from priced items.

Source: Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, November 1965, and *Relative Importance of Items in the Consumer Price Index*, December 1966, December 1965, and December 1964.

# No. 508. COMPARATIVE COST-OF-LIVING INDEXES, BY FAMILY SIZE AND INCOME BEFORE TAX, 20 CITIES: 1963

[Washington, D.C.=100. As of spring. These indexes are meant to apply to families residing in the suburbs of the 20 metropolitan statistical areas for which consumer price indexes have been computed. These families own their own homes, range in size from 2 to 6 persons and, in income, from \$6,000 to \$24,000 before tax]

CITY	Average <sup>1</sup>	2 PERSON FAMILIES			4 PERSON FAMILIES			6 PERSON FAMILIES		
		\$6,000	\$12,000	\$18,000	\$6,000	\$12,000	\$18,000	\$6,000	\$12,000	\$18,000
Atlanta.....	93.9	91.4	93.3	94.1	92.1	94.0	94.7	93.4	94.7	95.1
Baltimore.....	96.8	96.0	96.5	96.4	96.5	97.1	97.1	97.1	97.6	97.5
Boston.....	103.4	107.0	104.1	102.7	106.0	103.7	102.4	105.4	103.5	102.2
Chicago.....	<sup>2</sup> 102.0	103.9	103.0	102.2	102.7	102.3	101.6	102.0	101.9	101.3
Cincinnati.....	97.9	98.4	98.2	98.1	97.5	97.8	97.9	97.3	97.7	97.8
Cleveland.....	<sup>2</sup> 100.9	104.7	101.7	100.3	103.2	101.0	99.8	102.3	100.6	99.6
Detroit.....	94.7	95.9	94.1	93.5	95.9	95.2	94.4	96.0	95.6	94.9
Houston.....	<sup>2</sup> 90.0	85.6	89.5	90.4	87.9	90.6	91.2	89.5	91.3	91.7
Kansas City, Mo.....	96.1	95.6	96.1	96.2	95.4	96.2	96.4	95.3	96.4	96.5
Los Angeles.....	102.5	102.7	102.5	102.3	102.7	102.6	102.5	102.7	102.7	102.6
Minneapolis.....	98.0	97.8	98.3	98.3	98.3	98.2	98.0	97.9	98.1	97.9
New York.....	103.7	107.2	104.3	102.9	106.1	103.8	102.6	105.5	103.6	102.5
Philadelphia.....	98.2	97.0	97.7	97.9	97.7	98.4	98.5	98.3	98.9	98.9
Pittsburgh.....	100.0	99.7	100.1	100.1	99.4	100.2	100.3	99.4	100.4	100.5
Portland, Oreg.....	99.7	97.9	100.0	100.5	98.2	100.2	100.7	96.5	100.2	101.0
St. Louis.....	96.3	95.1	96.5	97.0	95.0	96.5	96.9	95.0	96.5	95.7
San Francisco.....	108.3	108.0	108.1	108.2	108.1	108.3	108.4	108.7	108.5	108.5
Scranton.....	96.6	93.9	96.6	97.5	94.3	96.9	97.7	94.6	97.2	97.9
Seattle.....	<sup>2</sup> 104.5	104.0	104.4	104.3	104.1	104.7	104.6	104.4	105.0	105.0
Washington, D.C.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Unweighted average of indexes for salary levels of \$6,000, \$12,000, \$18,000, and \$24,000.

<sup>2</sup> No State or local income taxes.

Source: National Industrial Conference Board, Inc., New York, N.Y.; *Comparative Living Cost In 20 Cities*, Technical Paper No. 14. (Copyright.)



# **No. 509. RELATIVE INTERCITY DIFFERENCES IN LIVING COSTS—CITY WORKERS' FAMILIES AND RETIRED COUPLES, 20 CITIES: 1959**

[Washington, D.C.=100. Based on autumn prices. Budget represents an estimate of total cost of a representative list of goods and services necessary to maintain a "modest but adequate" (not a minimum subsistence) level of living in a large city]

CITY	CITY WORKERS' FAMILIES <sup>1</sup>					RETIRED COUPLES <sup>5</sup>				
	Total budget	Goods, rents, and services				Total budget	Goods, rents, and services			
		Total	Food and beverages <sup>2</sup>	Rent, heat, and utilities <sup>3</sup>	Other goods and services <sup>4</sup>		Total	Food and beverages <sup>2</sup>	Rent, heat, and utilities <sup>3</sup>	Other goods and services <sup>4</sup>
Atlanta.....	92	93	90	94	95	89	89	89	84	93
Baltimore.....	93	93	91	82	101	93	93	90	87	100
Boston.....	103	103	110	101	98	108	108	110	112	105
Chicago.....	107	108	104	113	108	110	110	103	116	112
Cincinnati.....	99	99	103	98	97	96	96	102	89	97
Cleveland.....	101	102	101	97	106	106	106	100	110	108
Detroit.....	99	100	105	85	105	102	102	104	93	108
Houston.....	87	89	88	77	96	87	87	88	75	94
Kansas City, Mo.....	97	98	97	91	102	100	100	97	102	99
Los Angeles.....	102	102	104	96	105	102	102	103	94	107
Minneapolis.....	101	99	98	94	103	103	103	98	104	105
New York.....	97	97	110	83	95	100	100	109	92	99
Philadelphia.....	96	96	108	78	96	95	95	109	82	96
Pittsburgh.....	101	101	112	83	103	102	102	111	94	102
Portland, Ore.....	101	100	104	85	104	100	100	103	89	107
St. Louis.....	102	101	101	106	100	102	102	101	105	100
San Francisco.....	103	103	107	88	108	106	106	106	100	110
Seranton.....	93	93	104	71	96	88	88	104	65	94
Seattle.....	107	108	110	105	108	107	107	109	100	110
Washington, D.C.....	100	100	100	100	100	100	100	100	100	100

<sup>1</sup> Consists of 38-year-old employed husband, wife not employed outside home, 13-year-old boy, and 8-year-old girl, living in a rented dwelling.

<sup>2</sup> Includes alcoholic beverages. For retired couples, also includes a small allowance for guest meals.

<sup>3</sup> Average contract rent for tenant-occupied dwellings (5 rooms for city worker's family and 2 or 3 rooms for retired couple) that conform to housing standards specified for budget plus cost of required amounts of heating fuel, gas, electricity, water, and specified equipment.

<sup>4</sup> Includes allowances for clothing, medical care, transportation, and other goods and services.

<sup>5</sup> Consists of retired husband and wife, 65 years old or over.

Source: Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, August and November 1960.

# **No. 510. CONSUMER PRICE INDEXES—RESIDENTIAL RENTS IN SELECTED SMSA's, BY DATE OF RENT DECONTROL: 1950 to 1966**

[1957-59=100, except as indicated. Annual averages. Through 1963, indexes applied only to families of 2 or more persons in urbanized area. Beginning 1964, area indexes represent entire urban portion of standard metropolitan statistical area, except that standard consolidated area is used for Chicago and New York. For definition of standard metropolitan statistical area (SMSA), see text, p. 2]

AREA	Date of decontrol <sup>1</sup>	1950	1955	1960	1963	1964	1965	1966
Dallas, Tex. (Nov. 1963=100).....	June 1949.....	(NA)	(NA)	(NA)	(NA)	100.1	99.8	99.8
Houston, Tex.....	Oct. 1949.....	91.0	99.4	99.7	99.8	<sup>2</sup> 100.1	99.7	100.8
Los Angeles-Long Beach, Calif.....	Dec. 1950.....	78.3	95.8	102.4	107.1	108.7	110.2	111.5
Portland, Ore.....	Dec. 1950.....	79.3	95.6	101.6	105.3	<sup>2</sup> 106.8	<sup>2</sup> 108.5	<sup>2</sup> 110.3
Atlanta, Ga.....	Oct. 1952.....	82.6	97.0	102.3	104.3	104.4	105.2	106.3
Detroit, Mich.....	Oct. 1952.....	72.6	96.4	97.1	94.4	94.8	95.9	98.4
Seattle, Wash.....	Oct. 1952.....	75.2	94.6	103.9	110.2	108.9	108.5	111.3
Seranton, Pa.....	May 1953.....	82.6	95.6	102.9	106.9	<sup>2</sup> 108.4	<sup>2</sup> 109.6	<sup>2</sup> 110.9
Cincinnati, Ohio.....	May 1953.....	73.9	93.2	101.7	102.6	<sup>2</sup> 102.7	103.2	103.7
Chicago, Ill.-Northwestern Ind.....	July 1953.....	66.9	92.3	102.5	104.8	105.5	105.8	106.7
Cleveland, Ohio.....	July 1953.....	67.5	90.7	101.3	101.3	101.1	101.0	101.6
Kansas City, Mo.-Kans.....	July 1953 <sup>3</sup> .....	79.6	98.1	102.3	103.9	<sup>2</sup> 104.4	104.7	105.1
Minneapolis-St. Paul, Minn.....	July 1953.....	72.1	93.1	103.2	107.0	<sup>2</sup> 108.0	108.6	109.5
Pittsburgh, Pa.....	July 1953.....	81.0	95.8	103.6	106.2	106.3	107.7	109.0
St. Louis, Mo.-Ill.....	July 1953.....	73.4	93.8	103.3	104.5	105.1	105.8	106.7
San Francisco-Oakland, Calif.....	July 1953 <sup>4</sup> .....	72.3	91.5	107.1	117.5	120.4	122.9	125.9
Washington, D.C.-Md.-Va.....	July 1953 <sup>5</sup> .....	84.3	96.9	103.9	109.7	111.7	113.7	115.7
Boston, Mass.....	Dec. 1955.....	75.1	87.4	108.4	116.7	118.9	121.3	124.7
Baltimore, Md.....	Mar. 1956.....	81.4	93.7	103.7	107.0	108.0	108.7	110.0
Philadelphia, Pa.-N.J.....	Dec. 1956.....	83.6	92.5	103.3	107.9	109.1	109.6	110.9
Milwaukee, Wis.....	May 1960.....	71.8	96.4	100.8	101.6	<sup>2</sup> 101.8	102.7	104.3
Honolulu, Hawaii (Dec. 1963=100).....	Dec. 1961.....	(NA)	(NA)	(NA)	(NA)	100.6	102.4	105.0
New York, N.Y.-Northeastern N.J.....	( <sup>6</sup> ).....	82.0	92.9	105.9	113.2	115.4	117.3	119.2
Buffalo, N.Y. (Nov. 1963=100).....	( <sup>7</sup> ).....	(NA)	(NA)	(NA)	(NA)	100.2	101.1	102.3
San Diego, Calif. (Feb. 1965=100).....	(NA).....	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	100.5

NA Not available. <sup>1</sup> Date controls on rents were removed. <sup>2</sup> Computed on old series basis.

<sup>3</sup> Kansas City, Kansas, April 1951. <sup>4</sup> Oakland, September 1951. <sup>5</sup> Virginia suburbs, June 1950.

<sup>6</sup> New York City still controlled by the city. Some areas in Westchester and Nassau Counties still controlled by State. Rockland and Suffolk Counties (except Southold) decontrolled prior to March 1961. Southold now decontrolled; exact date not available. Essex County in New Jersey decontrolled February 1957. Remainder of Northeastern New Jersey decontrolled prior to 1959; exact date not available.

<sup>7</sup> Buffalo and Cheektowaga, in Erie County, still controlled by the State.

Source: Dept. of Labor, Bureau of Labor Statistics; *Consumer Price Index*.



## No. 511. AVERAGE RETAIL PRICES OF SELECTED FOODS: 1940 TO 1967

[In cents per pound, except as indicated. Prior to 1964, excludes Alaska and Hawaii, and represents averages of prices reported by retail dealers in cities included in the Retail Food Index. Beginning 1964, data are estimated averages of prices reported by retail dealers. For explanation, see *Monthly Labor Review*, January 1965, pp. 61-66. Number of cities varies according to the number of cities in which an item was priced and the availability of prices within the cities. Excludes sales taxes after 1940. Prices for individual cities combined on basis of population weights. See also *Historical Statistics, Colonial Times to 1957*, series E 161-176]

COMMODITY AND UNIT	1940	1950	1955	1960	1962	1963	1964	1965	1966	1967, Mar.
<b>Cereals and bakery prod.:</b>										
Flour, wheat.....	4.3	9.8	10.8	11.1	11.4	11.4	11.3	11.6	11.9	12.1
Corn flakes.....12 oz....	10.7	18.5	22.0	25.8	27.3	28.3	28.6	28.9	29.8	31.5
Bread, white.....	8.0	14.3	17.7	20.3	21.2	21.6	20.7	20.9	22.2	22.6
<b>Meats, poultry, and fish:</b>										
Steak, round.....	36.4	93.6	90.3	105.5	107.8	106.4	103.9	108.4	110.7	108.5
Steak, sirloin.....	(NA)	(NA)	(NA)	<sup>1</sup> 108.8	110.8	109.7	106.3	113.7	117.2	114.5
Rump roast.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.7	108.0	111.3	109.1
Chuck roast.....	23.5	61.6	50.1	61.6	62.3	60.3	56.8	59.5	62.2	60.9
Hamburger.....	(NA)	56.6	39.5	52.4	52.1	51.3	49.5	50.8	54.2	54.3
Pork chops, center cut..	27.9	75.4	79.3	85.8	89.8	88.2	88.0	97.3	106.3	96.0
Pork roast, loin.....	(NA)	(NA)	(NA)	<sup>1</sup> 62.8	64.1	62.5	61.0	68.7	77.2	69.8
Ham, whole <sup>2</sup> .....	24.3	62.0	60.5	60.4	62.3	60.7	60.9	66.6	75.1	71.0
Bacon, sliced.....	27.3	63.7	65.9	65.5	70.3	68.3	66.7	81.3	95.4	81.2
Frankfurters.....	(NA)	(NA)	53.1	62.3	63.3	63.2	62.1	66.2	72.3	70.7
Frying chickens.....	(NA)	59.5	57.4	42.7	40.7	40.1	37.8	39.0	41.3	38.6
Ocean perch, fillet, frozen.....	(NA)	(NA)	42.8	47.4	50.0	52.6	52.8	52.7	54.1	53.7
Haddock, fillet, frozen..	(NA)	(NA)	46.7	55.7	55.4	57.5	60.4	62.1	66.3	68.4
Tuna fish <sup>3</sup> .....	(NA)	(NA)	(NA)	32.5	34.7	33.6	32.0	32.0	35.3	35.5
<b>Dairy products:</b>										
Milk, fresh (grocery) <sup>4</sup> ..	11.5	19.3	21.9	24.7	24.4	24.3	47.7	47.3	49.8	51.2
Milk, fresh (delivered) <sup>4</sup> ..	12.8	20.6	23.1	26.0	26.1	26.0	52.8	52.6	55.5	57.2
Ice cream <sup>5</sup> .....	(NA)	(NA)	29.0	86.8	85.8	85.0	80.4	78.7	80.6	82.4
Butter.....	36.0	72.9	70.9	74.9	75.2	75.0	74.4	75.4	82.2	84.4
Cheese, Am. process <sup>6</sup> ....	25.9	51.8	57.7	34.3	36.2	36.3	36.7	37.7	42.2	44.2
<b>Fruits and vegetables:</b>										
<b>Fresh:</b>										
Apples.....	5.2	12.0	15.1	<sup>7</sup> 16.2	16.5	17.2	17.8	17.8	19.5	19.2
Bananas.....	6.4	16.3	17.0	15.9	16.3	16.4	16.5	16.0	15.7	15.8
Oranges, size 200 doz....	29.1	49.3	52.8	74.8	79.3	90.4	88.1	77.8	79.9	70.3
Potatoes.....	2.4	4.6	5.6	7.2	6.3	6.5	7.6	9.4	7.5	7.6
Onions.....	4.5	6.8	8.1	9.2	12.2	11.4	11.2	11.9	12.9	14.9
Lettuce <sup>8</sup> .....head.....	8.4	13.9	16.4	17.3	18.9	<sup>9</sup> 24.0	24.6	25.5	27.6	21.6
Tomatoes.....	(NA)	24.3	27.4	31.6	29.7	32.2	33.2	34.3	34.8	34.8
<b>Processed:</b>										
Fruit cocktail, No. 303 can.....	(NA)	(NA)	26.6	27.0	25.8	25.7	27.3	26.1	26.9	25.7
Pears, No. 2½ can.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	49.2	47.0	48.6	43.2
Orange juice concen- trate, frozen.....6 oz....	(NA)	(NA)	18.3	22.5	20.9	30.4	31.0	23.7	22.5	19.3
Peas, green, can <sup>10</sup> .....	13.6	(NA)	21.5	20.7	22.5	22.6	22.7	23.7	24.3	25.0
Tomatoes, can <sup>11</sup> .....	8.5	14.7	15.1	15.9	15.7	15.5	16.0	16.1	17.7	19.0
Dried beans.....	6.6	15.3	(NA)	16.7	17.4	17.8	16.7	17.5	19.8	18.3
Broccoli, frozen 10 oz....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	27.1	26.4	26.7	27.4
<b>Other:</b>										
Eggs, grade A, large doz....	33.1	60.4	60.6	57.3	54.0	55.1	53.9	52.7	59.9	52.4
Margarine.....	15.9	30.8	28.9	26.9	28.4	27.5	26.1	27.9	28.7	29.1
Salad or cooking oil pint....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	32.0	34.9	37.7	37.5
Sugar.....	5.2	9.7	10.4	11.6	11.7	13.6	12.8	11.8	12.0	12.2
Grape jelly <sup>12</sup> .....12 oz....	(NA)	(NA)	26.1	28.8	29.6	30.3	31.1	31.2	<sup>13</sup> 31.5	26.0
Coffee <sup>13</sup> .....	21.2	79.4	93.0	75.3	70.8	69.4	81.6	83.3	82.3	79.0
Coffee, instant.....6 oz....	(NA)	(NA)	(NA)	(NA)	90.8	99.2	106.7	95.2	90.9	90.4
Cola drink <sup>14</sup> .....	(NA)	(NA)	32.5	29.8	(NA)	52.7	54.2	54.8	56.6	58.7

NA Not available. <sup>1</sup> 9-month average. <sup>2</sup> Beginning 1960, price includes ready-to-eat ham.

<sup>3</sup> 6 to 6½-oz. can through 1963, 6½-oz. can thereafter. <sup>4</sup> 1 quart through 1963, ½ gal. thereafter.

<sup>5</sup> 1 pint through 1955, ½ gal. thereafter. <sup>6</sup> 1 lb. through 1955, ½ lb. thereafter. <sup>7</sup> 11-month average.

<sup>8</sup> Size 60 head through 1962, size 24 head thereafter. <sup>9</sup> 10-month average.

<sup>10</sup> No. 2 can for 1940, No. 303 can thereafter.

<sup>11</sup> No. 2 can through 1950, No. 303 can thereafter. <sup>12</sup> 12 oz. through 1966, 10 oz. thereafter.

<sup>13</sup> Beginning 1960, vacuum pack can only. <sup>14</sup> 36 oz. through 1960, 72 oz. thereafter.

Source: Dept. of Labor, Bureau of Labor Statistics; *Retail Food Prices by Cities*, and *Estimated Retail Food Prices by Cities*.

No. 512. RETAIL PRICE INDEXES OF FOOD—SUBGROUPS AND SELECTED AREAS FOR URBAN WAGE EARNERS AND CLERICAL WORKERS: 1940 TO 1966

[1957-59=100, except as indicated. Prior to 1964, excludes Alaska and Hawaii. See text, p. 348, and headnote table 504. Through 1963, the indexes applied only to families of 2 persons or more in the urbanized area. Beginning 1964, area indexes represent the entire urban portion of the standard metropolitan statistical area, except that the standard consolidated area is used for Chicago and New York. (For definition, see text, p. 2.) The 1964 old series indexes apply to the urbanized area. See *Historical Statistics, Colonial Times to 1957*, series E 114-120, for indexes on a 1947-49 base]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Total food <sup>1</sup> .....	<sup>2</sup> 40.5	<sup>2</sup> 85.8	94.0	101.4	105.1	<sup>3</sup> 106.4	<sup>2</sup> 108.8	<sup>3</sup> 114.2
SUBGROUPS								
Food away from home.....	(NA)	(NA)	91.8	105.5	113.2	115.2	117.8	123.2
Total food at home.....	40.5	85.8	94.4	100.6	103.5	104.7	107.2	112.6
Cereal and bakery products.....	44.2	78.8	93.4	103.2	109.1	109.6	111.2	115.8
Meats, poultry, and fish.....	37.4	95.1	92.1	99.1	100.2	98.6	105.1	114.1
Dairy products.....	46.5	84.7	93.6	103.2	103.8	104.7	105.0	111.8
Fruits and vegetables.....	38.3	79.0	91.8	103.8	111.0	115.3	115.2	117.6
Other foods at home <sup>4</sup> .....	(NA)	91.6	100.9	96.7	97.8	101.6	101.8	103.9
AREA								
Atlanta, Ga.....	40.3	86.2	95.2	101.1	103.8	104.8	107.4	112.9
Baltimore, Md.....	38.3	85.4	94.2	101.0	104.7	<sup>5</sup> 106.6	109.3	115.9
Boston, Mass.....	42.4	86.2	93.0	101.4	107.4	109.8	112.5	117.0
Buffalo, N.Y. (Nov. 1963=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	101.5	104.1	108.8
Chicago, Ill.-Northwestern Ind.....	40.6	87.9	94.6	101.9	105.8	106.1	108.8	114.6
Cincinnati, Ohio-Ky.....	38.9	84.9	93.8	100.9	102.9	<sup>6</sup> 104.5	106.2	111.8
Cleveland, Ohio.....	40.6	87.9	94.8	100.8	101.8	102.1	104.8	110.9
Dallas, Tex. (Nov. 1963=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	100.5	103.9	110.0
Detroit, Mich.....	41.0	87.2	95.4	100.1	101.5	101.9	105.0	112.2
Honolulu, Hawaii (Dec. 1963=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	100.8	103.5	107.0
Houston, Tex.....	41.0	88.4	95.6	100.0	103.8	<sup>6</sup> 105.7	109.2	115.4
Kansas City, Mo.-Kans.....	42.6	88.6	94.8	100.2	104.3	<sup>6</sup> 107.2	111.3	117.2
Los Angeles-Long Beach, Calif.....	38.8	82.2	91.9	103.7	107.1	108.2	110.7	113.3
Milwaukee, Wis.....	41.1	89.4	95.2	101.7	104.9	<sup>6</sup> 105.0	107.7	113.9
Minneapolis-St. Paul, Minn.....	43.0	86.3	95.5	101.3	102.5	<sup>6</sup> 104.6	107.1	112.4
New York, N.Y.-Northeastern N.J.....	41.1	85.3	93.3	102.8	107.1	108.4	109.8	115.1
Philadelphia, Pa.-N.J.....	39.5	84.4	93.5	101.1	104.2	105.2	107.2	113.1
Pittsburgh, Pa.....	39.1	84.6	93.1	101.4	103.6	104.8	107.5	111.8
Portland, Oreg.....	38.6	86.1	92.6	101.3	105.2	<sup>6</sup> 107.1	<sup>6</sup> 109.5	114.7
St. Louis, Mo.-Ill.....	38.9	86.0	94.6	100.3	104.9	107.6	111.5	117.8
San Diego, Calif. (Feb. 1965=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	102.7	106.6
San Francisco-Oakland, Calif.....	37.3	83.3	93.2	102.6	106.8	107.7	110.2	114.2
Scranton, Pa.....	41.7	86.8	93.8	100.0	104.1	<sup>6</sup> 105.6	<sup>6</sup> 107.7	112.8
Seattle, Wash.....	39.8	84.9	93.7	102.5	107.3	108.7	110.3	114.1
Washington, D.C.-Md.-Va.....	40.3	84.6	93.3	100.7	104.2	106.0	108.4	114.0

NA Not available.  
<sup>1</sup> Based on 51 cities for 1940, 56 cities for 1950, 46 cities for 1955 through 1963, an average of 50 urban areas for 1964 and 1965, and 56 areas beginning 1966. City indexes not compiled for medium- and small-sized cities included in the national average. <sup>2</sup> "Food at home" only.  
<sup>3</sup> Excludes Portland, Oreg. and Scranton, Pa.; for 1964 and 1965 excludes Cincinnati, Ohio-Ky.; Houston, Tex.; Kansas City, Mo.-Kans.; Milwaukee, Wis.; Minneapolis-St. Paul, Minn.; and San Diego, Calif.  
<sup>4</sup> Comprises eggs, beverages (nonalcoholic), fats and oils, sugar and sweets, and miscellaneous foods.  
<sup>5</sup> 10-month average. <sup>6</sup> Computed on old series basis; see text, p. 348.

Source: Dept. of Labor, Bureau of Labor Statistics; monthly report, *Consumer Price Index, U.S. City Average and Selected Areas*.

No. 513. RETAIL PRICE INDEXES OF FUELS AND ELECTRICITY—CITIES COMBINED: 1940 TO 1966

[1957-59=100. Annual averages. Prior to 1964, excludes Alaska and Hawaii. Based on data collected primarily for calculation in Consumer Price Index; see text, p. 348. Prior to 1964, covers 46 cities; for 1964 and 1965, covers 50 urban areas; beginning 1966, covers 56 areas. See *Historical Statistics, Colonial Times to 1957*, series E 177-180 and E 185, for indexes on 1947-49 base]

ITEM	1940	1950	1955	1960	1961	1962	1963	1964	1965	1966
Gas and electricity.....	89.1	88.1	94.9	107.0	107.9	107.9	107.9	107.9	107.8	108.1
Solid and petroleum fuels <sup>1</sup> .....	42.6	81.1	91.9	99.5	101.6	102.1	104.0	103.5	105.6	108.3
Gas (composite).....	80.5	83.0	92.0	111.0	112.5	112.4	112.5	112.8	113.1	113.8
Gas for space heating.....	80.8	78.8	93.5	112.9	113.6	112.8	112.7	113.0	112.7	113.3
Gas other than space heating.....	81.9	84.2	91.2	109.9	111.8	112.2	112.4	112.8	113.6	114.4
Electricity (composite).....	98.5	93.4	98.0	102.7	103.0	103.0	103.0	102.5	102.0	102.0
100 KWH.....	99.2	93.9	97.6	103.1	103.5	103.5	103.6	103.5	103.7	104.0
Petroleum fuel oil #2.....	44.2	79.3	93.9	97.2	101.1	101.2	103.3	101.0	103.1	105.8

<sup>1</sup> Beginning 1964, fuel oil and coal.  
Source: Dept. of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.



# No. 514. AVERAGE TYPICAL RESIDENTIAL MONTHLY BILLS FOR ELECTRICITY IN CITIES OF 2,500 INHABITANTS OR MORE: 1940 TO 1966

[U.S. composite average as of January 1, using latest available population weights. Prior to 1960, excludes Alaska and Hawaii. 100, 250, and 500 kilowatt-hour consumptions represent usage of residential consumers who use electricity for, respectively, lighting, small appliances, and refrigeration; lighting, small appliances, refrigeration, and cooking; and lighting, small appliances, refrigeration, cooking, and 250 kilowatt-hours for hot water. Bills for 750 and 1,000 kilowatt-hour consumptions are for same appliance uses as are covered in the bill for 500, but hot water use is raised to 350 kilowatt-hours in both]

ITEM	1940	1945	1950	1955	1960	1963	1964	1965	1966
<b>Average bill in dollars for:</b>									
100 kilowatt-hours.....	4.06	3.89	3.76	3.86	4.04	4.06	4.03	4.02	4.00
250 kilowatt-hours.....	7.37	7.09	6.98	7.18	7.44	7.48	7.43	7.38	7.34
500 kilowatt-hours.....	10.55	10.19	10.11	10.30	10.62	10.64	10.61	10.41	10.34
750 kilowatt-hours.....	(NA)	(NA)	(NA)	(NA)	(NA)	14.65	14.51	14.34	14.19
1,000 kilowatt-hours.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18.86	18.59	18.32
<b>Average bill in cents per kilowatt-hour for:</b>									
100 kilowatt-hours.....	4.1	3.9	3.8	3.9	4.0	4.1	4.0	4.0	4.0
250 kilowatt-hours.....	3.0	2.8	2.8	2.9	3.0	3.0	3.0	3.0	2.9
500 kilowatt-hours.....	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1
750 kilowatt-hours.....	(NA)	(NA)	(NA)	(NA)	(NA)	2.0	1.9	1.9	1.9
1,000 kilowatt-hours.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.9	1.9	1.8
<b>Indexes of average bills (1957-59=100) for:</b>									
100 kilowatt-hours.....	102.6	98.3	95.0	97.5	102.1	102.6	101.8	101.6	101.1
250 kilowatt-hours.....	100.5	96.7	95.2	97.9	101.5	102.0	101.3	100.7	100.1
500 kilowatt-hours.....	100.5	97.1	96.3	98.1	101.2	101.4	101.1	99.2	98.5
750 kilowatt-hours (Jan. 1, 1964=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	101.0	100.0	98.8	97.8
1,000 kilowatt-hours (Jan. 1, 1964=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	98.6	97.1

NA Not available.

Source: Federal Power Commission; annual report, *Typical Electric Bills*.

# No. 515. ELECTRICITY AND NATURAL GAS PRICES—MONTHLY BILLS FOR SPECIFIED QUANTITIES, SELECTED SMSA's: 1966

[In dollars. Based on rates as of December 15. For definition of standard metropolitan statistical area (SMSA); see text, p. 2. Bills are net after deduction of any applicable prompt payment discounts, and addition of applicable taxes]

STANDARD METROPOLITAN STATISTICAL AREA	ELECTRICITY (KW.-HR.)			GAS (THERMS) <sup>1</sup>			
	100	250	500	Nonheating use			Average price per 100 at heating rates
				10	25	40	
Atlanta, Ga.....	3.59	5.72	8.79	2.22	3.62	4.85	8.24
Baltimore, Md.....	4.19	8.20	12.77	2.81	4.74	6.68	12.84
Boston, Mass.....	4.82	9.06	13.57	4.08	7.34	9.96	14.24
Buffalo, N.Y.....	3.95	7.17	11.40	1.74	3.07	4.39	8.84
Chicago, Ill.-Northwestern Ind.....	4.34	7.83	12.60	2.22	4.09	5.88	9.31
Cincinnati, Ohio-Ky.....	3.67	7.11	12.28	1.57	2.44	3.63	7.57
Cleveland, Ohio.....	3.55	6.96	11.48	2.05	3.15	4.26	7.35
Dallas, Tex.....	4.11	7.65	11.77	1.47	2.40	3.49	7.28
Detroit, Mich.....	3.88	8.05	12.08	2.38	3.93	5.28	8.52
Honolulu, Hawaii.....	4.78	8.45	12.79	<sup>2</sup> 4.79	<sup>2</sup> 9.31	<sup>2</sup> 13.54	(X)
Houston, Tex.....	3.73	6.78	10.39	2.19	3.62	5.00	7.68
Kansas City, Mo.-Kans.....	3.90	7.81	12.29	1.81	2.87	3.77	5.75
Los Angeles-Long Beach, Calif.....	3.81	6.33	9.67	2.51	3.62	4.69	(X)
Milwaukee, Wis.....	3.35	6.35	10.10	2.00	3.98	5.72	10.67
Minneapolis-St. Paul, Minn.....	3.63	7.25	11.33	2.41	4.15	5.69	8.25
New York, N.Y.-Northeastern N.J.....	5.22	9.41	15.08	3.32	6.55	9.15	13.03
Philadelphia, Pa.-N.J.....	4.18	7.17	11.47	2.54	5.25	7.71	13.70
Pittsburgh, Pa.....	4.17	7.25	11.80	2.71	3.88	5.08	7.96
St. Louis, Mo.-Ill.....	3.65	7.53	12.37	2.09	4.40	6.34	8.39
San Diego, Calif.....	4.02	7.12	10.12	2.39	4.08	5.59	(X)
San Francisco-Oakland, Calif.....	4.02	6.68	9.88	1.77	2.74	3.65	6.10
Seattle, Wash.....	(NA)	4.54	6.07	2.73	5.49	7.89	11.57
Washington, D.C.-Md.-Va.....	3.38	6.88	11.70	2.39	4.75	6.86	13.47

NA Not available. X Not applicable.

<sup>1</sup> One therm=100,000 British thermal units. <sup>2</sup> Not natural gas.

Source: Dept. of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.



# No. 516. LOWEST AND HIGHEST NET MONTHLY RESIDENTIAL ELECTRIC BILLS FOR 250 KILOWATT-HOURS USE, BY STATES: 1966

[Based on rates as of January 1 for communities of 2,500 inhabitants or more]

STATE	SERVED BY PRIVATELY OWNED UTILITIES		SERVED BY PUBLICLY OWNED UTILITIES		SERVED BY COOPERATIVELY OWNED UTILITIES		COMMUNITIES OF 50,000 INHABITANTS OR MORE		COMMUNITIES OF 10,000 TO 49,999 INHABITANTS		COMMUNITIES OF 2,500 TO 9,999 INHABITANTS	
	Communities	Utilities	Communities	Utilities	Communities	Utilities	Lowest bills	Highest bills	Lowest bills	Highest bills	Lowest bills	Highest bills
U.S.-----	4,689	214	1,090	968	58	50	\$3.00	\$9.66	\$3.00	\$15.00	\$3.00	\$16.00
N.E.:												
Maine-----	44	4	4	4	1	1	<sup>1</sup> 9.11	<sup>1</sup> 9.11	8.54	9.91	7.00	9.91
N.H.-----	23	5	1	1	-	-	<sup>1</sup> 8.81	<sup>1</sup> 8.81	7.38	8.81	8.00	9.92
Vt.-----	16	2	1	1	-	-	( <sup>2</sup> )	( <sup>2</sup> )	6.70	7.68	6.75	9.83
Mass-----	143	12	30	26	-	-	6.25	9.66	6.56	9.96	7.42	15.67
R.I.-----	28	3	1	1	-	-	8.51	8.85	8.25	8.85	8.25	9.05
Conn-----	73	3	6	6	-	-	6.21	8.35	7.27	8.35	7.30	8.35
M.A.:												
N.Y.-----	345	12	27	26	-	-	6.90	9.32	3.41	9.22	4.59	9.63
N.J.-----	291	5	8	6	-	-	7.32	8.37	7.32	9.42	7.32	8.83
Pa.-----	428	14	21	21	-	-	6.48	7.68	6.74	9.54	6.74	10.76
E.N.C.:												
Ohio-----	276	7	45	43	-	-	6.10	7.38	5.95	8.22	5.75	8.60
Ind-----	107	5	33	33	-	-	5.40	9.50	5.60	9.50	5.40	9.50
Ill-----	325	7	29	29	-	-	5.70	7.98	6.85	9.80	6.56	10.92
Mich-----	163	7	33	31	-	-	5.80	7.74	5.78	7.74	6.24	8.69
Wis-----	100	8	36	35	-	-	4.85	6.35	4.75	7.95	4.33	8.15
W.N.C.:												
Minn-----	73	4	52	52	4	2	7.00	8.11	5.40	8.53	5.38	9.75
Iowa-----	78	7	28	28	-	-	7.39	8.58	5.40	8.62	6.00	9.90
Mo-----	114	10	43	43	-	-	5.69	7.89	6.66	8.81	6.28	10.70
N.D-----	13	-	2	2	-	-	( <sup>2</sup> )	( <sup>2</sup> )	8.25	8.53	6.00	9.81
S.D-----	18	2	8	8	-	-	<sup>1</sup> 7.75	<sup>1</sup> 8.00	6.38	8.72	8.00	10.50
Neb-----	-	-	44	31	-	-	5.19	5.80	4.90	7.10	5.19	7.98
Kans-----	55	4	32	32	2	2	4.95	5.78	5.40	10.12	5.35	11.70
S.A.:												
Del-----	4	1	7	7	-	-	<sup>1</sup> 8.08	<sup>1</sup> 8.08	<sup>1</sup> 8.25	<sup>1</sup> 8.25	8.05	10.11
Md-----	59	5	3	3	1	1	6.68	7.96	6.68	8.45	6.68	8.87
D.C-----	1	1	-	-	-	-	<sup>1</sup> 6.68	<sup>1</sup> 6.68	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Va-----	77	4	13	13	-	-	6.68	7.40	3.50	7.65	7.15	9.35
W. Va-----	56	5	1	1	-	-	7.14	7.15	7.14	7.83	7.10	8.00
N.C-----	82	3	47	42	-	-	6.36	7.70	4.50	8.20	6.11	8.85
S.C-----	62	2	19	18	1	1	6.36	7.28	6.10	7.40	4.99	7.28
Ga-----	82	2	39	38	1	1	5.90	7.65	5.60	7.43	4.13	8.02
Fla-----	168	5	33	26	1	1	6.79	9.26	6.79	10.28	6.79	11.25
E.S.C.:												
Ky-----	65	5	24	23	1	1	5.90	7.70	3.50	7.75	3.50	9.45
Tenn-----	2	2	86	59	11	11	4.13	5.00	3.50	7.00	3.50	6.00
Ala-----	81	2	32	32	4	4	4.13	5.51	3.50	7.30	3.50	7.40
Miss-----	45	2	20	20	7	6	<sup>1</sup> 7.54	<sup>1</sup> 7.54	3.50	8.12	3.50	9.26
W.S.C.:												
Ark-----	55	3	15	15	-	-	7.38	7.58	6.70	8.20	6.60	8.60
La-----	86	5	28	25	1	1	6.79	8.50	6.75	9.85	6.75	10.20
Okla-----	59	2	31	31	1	1	7.58	7.98	7.58	10.50	6.00	11.25
Tex-----	278	12	55	49	-	-	6.21	8.22	4.25	8.45	4.25	11.50
Mt.:												
Mont-----	27	2	-	-	2	2	6.91	6.91	6.00	6.91	6.00	8.25
Idaho-----	31	1	4	4	-	-	<sup>1</sup> 7.28	<sup>1</sup> 7.28	5.70	7.28	5.17	7.28
Wyo-----	15	1	4	4	-	-	( <sup>2</sup> )	( <sup>2</sup> )	6.20	8.50	6.10	10.40
Colo-----	33	3	17	14	2	2	6.49	8.07	5.85	8.28	5.70	8.88
N. Mex-----	24	2	7	7	5	4	<sup>1</sup> 7.18	<sup>1</sup> 7.18	6.75	8.65	7.00	9.25
Ariz-----	34	5	9	4	1	1	7.70	8.17	6.34	8.87	7.13	11.30
Utah-----	25	1	14	14	-	-	7.11	7.11	6.25	7.11	5.53	7.99
Nev-----	9	3	3	3	-	-	5.70	8.98	4.55	8.98	4.30	10.13
Pacific:												
Wash-----	50	2	37	21	4	2	3.55	5.14	3.50	6.82	3.00	6.92
Oreg-----	50	2	11	9	3	2	3.00	5.35	3.00	7.42	3.75	7.42
Calif-----	392	4	42	23	-	-	5.27	7.80	4.56	8.30	5.29	8.32
Alaska-----	1	1	5	4	5	4	( <sup>2</sup> )	( <sup>2</sup> )	8.95	15.00	6.75	16.00
Hawaii-----	23	5	-	-	-	-	<sup>1</sup> 8.50	<sup>1</sup> 8.50	8.50	12.44	8.50	11.16

- Represents zero. <sup>1</sup> Only 1 community in this population group.

<sup>2</sup> No community in this population group.

<sup>3</sup> The only community in this population group is served by 2 utilities.

Source: Federal Power Commission; annual report, *Typical Electric Bills*.

## Section 13

### Elections

This section relates primarily to presidential, congressional, and gubernatorial elections. Also presented are summary tables on Congressional legislation and on population of voting age.

Official statistics on Federal elections are collected by the Clerk of the House of Representatives and published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election*. Congressional Quarterly Inc., Washington, D.C., publishes a special report, *Complete Returns of the 19— Elections by Congressional District*, in March or April of each odd-numbered year, presenting the results of presidential, congressional, and gubernatorial elections. Details of both Federal and State election statistics appear also in *America Votes*, issued biennially by the Governmental Affairs Institute. Data on Federal elections also appear in the *Congressional Directory*, United States Congress, and in official State documents.

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals—annual, biennial, quadrennial, or longer—for different types of offices and other purposes. No regular and complete system exists for reporting either the number of elections held or the numbers of votes cast for candidates, except for Federal offices and, in most States, for State offices. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the United States Constitution prescribes the basis of representation in Congress and the manner of electing the President of the United States, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. The 24th Amendment to the Constitution, adopted in 1964, gave citizens the right to vote in any election for Federal office without payment of tax.

The election of the President of the United States is provided for in the Constitution, article II, section 1, through the establishment of an electoral college in each State, for each presidential election. The method of casting the electoral vote was modified in 1804 by the adoption of the 12th Amendment to the Constitution. The number of electors, and therefore of electoral votes, is "equal to the whole number of Senators and Representatives to which the State may be entitled in Congress." The electors are elected by popular vote in all States. The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia electors for President and Vice President.

The number of members in the House of Representatives is fixed by the Congress at the time of each apportionment; since 1912, it has remained constant at 435. However, the legislation granting statehood to Alaska and Hawaii allotted 1 Representative to each of those States and, during 1960 to 1962, increased the total of members to 437. The total reverted to 435 after reapportionment following the 1960 Census. The Constitution provides that "Representatives shall be apportioned among the several States according to their respective numbers . . ." The Constitution also requires that each State have at least 1 Representative. Members are elected for 2-year terms, all terms covering the same period.

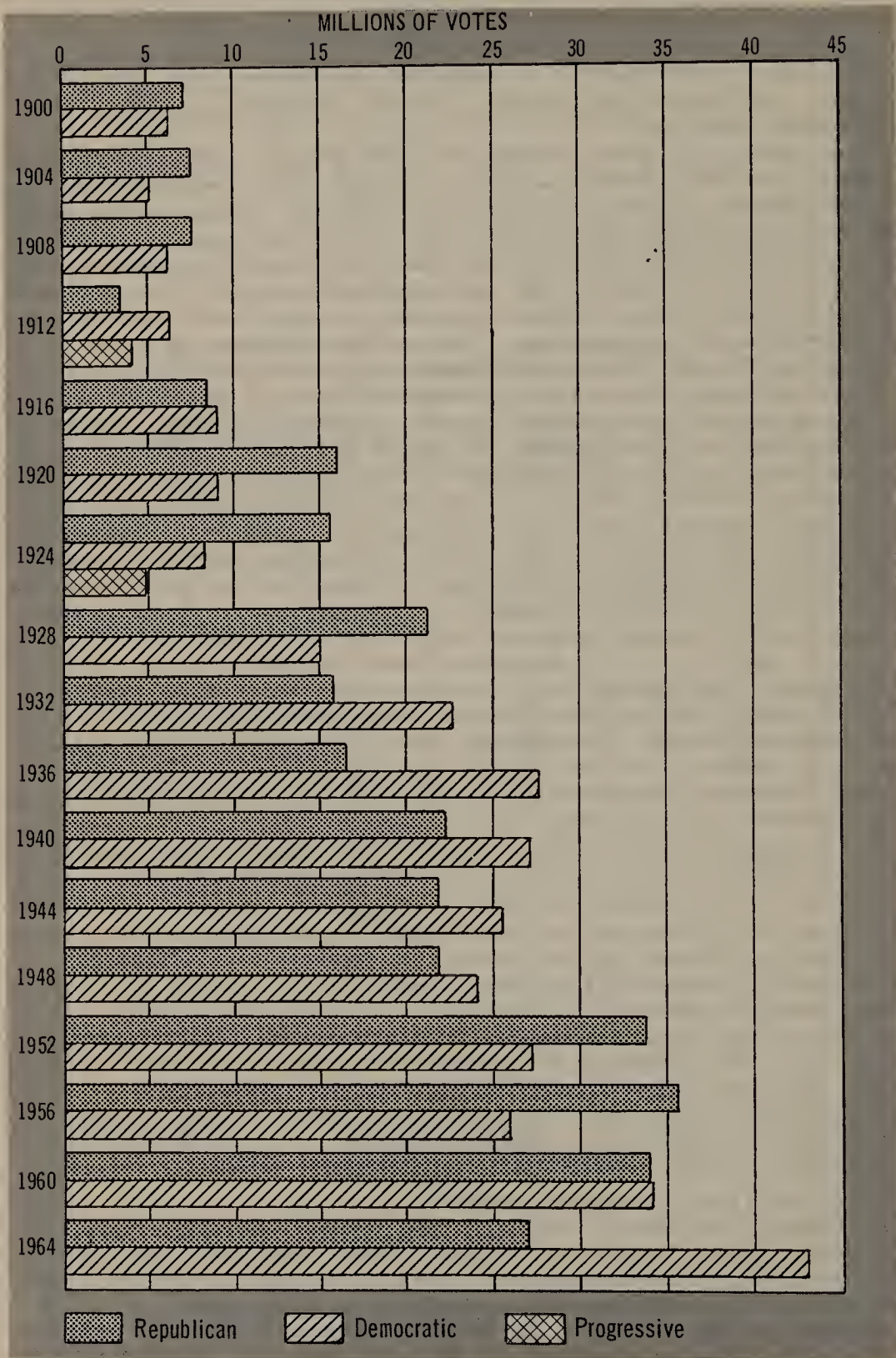
The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



FIG. XXII. POPULAR VOTE CAST FOR PRESIDENT, BY MAJOR PARTIES: 1900 TO 1964

[See table 517]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census.



**No. 517. VOTE CAST FOR PRESIDENT, 1900 TO 1964, AND FOR REPRESENTATIVES, 1930 TO 1966, BY POLITICAL PARTIES**

[Beginning 1958, includes Alaska and Hawaii. Includes vote cast for major party candidates endorsed by minor parties. See also *Historical Statistics, Colonial Times to 1957*, series Y 27-31 and Y 146-149]

YEAR	CANDIDATES FOR PRESIDENT		Total popular vote <sup>1</sup>	VOTE CAST FOR PRESIDENT					
	Democratic	Republican		Democratic			Republican		
				Popular vote		Electoral vote	Popular vote		Electoral vote
				Number	Percent		Number	Percent	
1900-----	Bryan-----	McKinley-----	1,000	1,000			1,000		
1904-----	Parker-----	T. Roosevelt-----	13,968	6,357	45.5	155	7,218	51.7	292
1908-----	Bryan-----	Taft-----	13,521	5,084	37.6	140	7,628	56.4	336
1912-----	Wilson-----	Taft-----	14,884	6,412	43.1	162	7,675	51.6	321
1916-----	Wilson-----	Taft-----	15,037	6,297	41.9	435	3,487	23.2	8
		Hughes-----	18,531	9,128	49.3	277	8,534	46.1	254
1920-----	Cox-----	Harding-----	26,748	9,130	34.1	127	16,143	60.4	404
1924-----	Davis-----	Coolidge-----	29,086	8,385	28.8	136	15,718	54.0	382
1928-----	Smith-----	Hoover-----	36,812	15,016	40.8	87	21,392	58.1	444
1932-----	F. D. Roosevelt-----	Hoover-----	39,732	22,810	57.4	472	15,759	39.7	59
1936-----	F. D. Roosevelt-----	Landon-----	45,643	27,753	60.8	523	16,675	36.5	8
1940-----	F. D. Roosevelt-----	Willkie-----	49,891	27,308	54.7	449	22,321	44.7	82
1944-----	F. D. Roosevelt-----	Dewey-----	47,969	25,607	53.4	432	22,015	45.9	99
1948-----	Truman-----	Dewey-----	48,691	24,106	49.5	303	21,970	45.1	189
1952-----	Stevenson-----	Eisenhower-----	61,551	27,315	44.4	89	33,936	55.1	442
1956-----	Stevenson-----	Eisenhower-----	62,027	26,023	42.0	73	35,590	57.4	457
1960-----	Kennedy-----	Nixon-----	68,838	34,227	49.7	303	34,108	49.5	219
1964 <sup>2</sup> -----	Johnson-----	Goldwater-----	70,645	43,129	61.1	486	27,178	38.5	52

YEAR	VOTE CAST FOR PRESIDENT—Con.				YEAR	VOTE CAST FOR REPRESENTATIVES <sup>7</sup>				
	Socialist and Soc. Labor	Misc. independent <sup>3</sup>	Prohibition	Communist		Total <sup>8</sup>	Democratic		Republican	
							Number	Percent	Number	Percent
	1,000	1,000	1,000	1,000		1,000	1,000		1,000	
1900-----	128	56	209	-	1930-----	24,777	11,044	44.6	13,032	
1904-----	434	117	259	-	1932-----	37,657	20,540	54.5	15,575	
1908-----	435	108	254	-	1934-----	32,256	17,385	53.9	13,558	
1912-----	929	4,119	206	-	1936-----	42,886	23,944	55.8	17,003	
1916-----	599	49	221	-	1938-----	36,236	17,612	48.6	17,047	
1920-----	952	334	189	-	1940-----	46,951	24,092	51.3	21,393	
1924-----	436	4,853	58	36	1942-----	28,074	12,934	46.1	14,203	
1928-----	289	74	20	21	1944-----	45,103	22,808	50.6	21,303	
1932-----	915	63	82	103	1946-----	34,398	15,221	44.2	18,400	
1936-----	200	897	38	80	1948-----	45,933	23,820	51.9	20,920	
1940-----	114	44	58	46	1950-----	40,342	19,785	49.0	19,750	
1944-----	126	146	75	-	1952-----	57,571	28,605	49.7	28,431	
1948-----	169	2,343	103	-	1954-----	42,580	22,347	52.5	20,034	
1952-----	50	176	73	-	1956-----	58,426	29,850	51.1	28,449	
1956-----	46	325	42	-	1958 <sup>9</sup> -----	45,818	25,733	56.2	19,894	
1960-----	48	410	46	-	1960-----	64,133	35,111	54.7	28,759	
1964 <sup>2</sup> -----	45	268	23	-	1962-----	51,261	26,905	52.5	24,210	
					1964-----	65,886	37,700	57.2	27,866	
					1966-----	52,900	26,917	50.9	25,525	

— Represents zero.

<sup>1</sup> Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

<sup>2</sup> Includes District of Columbia.

<sup>3</sup> Mainly Progressive in 1912 and 1924, States Rights and Progressive in 1948.

<sup>4</sup> Socialist Labor only.

<sup>5</sup> Includes 4,831,289 votes cast for La Follette, official candidate for the Progressive Party.

<sup>6</sup> Workers Party.

<sup>7</sup> See also table 524.

<sup>8</sup> Includes minor party votes.

<sup>9</sup> Includes Hawaii figures for July 1959.

Source: 1900-1944, Edgar Eugene Robinson, *The Presidential Vote and They Voted for Roosevelt*, Stanford University Press, Stanford, 1934 and 1947, respectively. Later data, Governmental Affairs Institute, Washington, D.C., *America Votes* (copyright); U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election and Statistics of the Congressional Election*. (For some years, figures have been revised by Governmental Affairs Institute.)

NO. 518. POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, AND PERCENT OF VOTE FOR MAJORITY PARTY, BY STATES: 1940 TO 1956

[In thousands, except percent. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party. See also table 517; for current figures, see table 519. See also *Historical Statistics, Colonial Times to 1957*, series Y 80-128]

STATE	1940		1944		1948		1952		1956	
	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party
Total <sup>1</sup> .....	49,891	D- <sup>2</sup> 54.7	47,969	D- <sup>2</sup> 53.4	48,691	D-49.5	61,551	R-55.1	62,027	R-57.4
Alabama.....	294	D-85.2	245	D-81.3	215	(?)	426	D-64.6	497	D-56.5
Arizona.....	150	D-63.5	138	D-58.8	177	D-53.8	261	R-58.3	290	R-61.0
Arkansas.....	200	D-78.5	213	D-70.0	242	D-61.7	405	D-55.9	407	D-52.5
California.....	3,269	D-57.5	3,521	D-56.5	4,022	D-47.6	5,142	R-56.3	5,466	R-55.4
Colorado.....	549	R-50.9	505	R-53.2	515	D-51.9	630	R-60.3	657	R-60.0
Connecticut.....	782	D-53.4	832	D-52.3	884	R-49.5	1,097	R-55.7	1,117	R-63.7
Delaware.....	136	D-54.7	125	D-54.4	139	R-50.0	174	R-51.8	178	R-55.1
Florida.....	485	D-74.0	483	D-70.3	578	D-48.8	989	R-55.0	1,126	R-57.2
Georgia.....	313	D-84.8	328	D-81.7	419	D-60.8	656	D-69.7	670	D-66.4
Idaho.....	235	D-54.4	208	D-51.6	215	D-50.0	276	R-65.4	273	R-61.2
Illinois.....	4,218	D-51.0	4,036	D-51.5	3,984	D-50.1	4,481	R-54.8	4,407	R-59.5
Indiana.....	1,783	R-50.5	1,672	R-52.4	1,656	R-49.6	1,955	R-58.1	1,975	R-59.9
Iowa.....	1,215	R-52.0	1,053	R-52.0	1,038	D-50.3	1,269	R-63.8	1,235	R-59.1
Kansas.....	860	R-56.9	734	R-60.2	789	R-53.6	896	R-68.8	866	R-65.4
Kentucky.....	968	D-57.5	868	D-54.5	823	D-56.7	993	D-49.9	1,054	R-54.3
Louisiana.....	372	D-85.9	349	D-80.6	416	(?)	652	D-52.9	618	R-53.3
Maine.....	321	R-51.1	296	R-52.4	265	R-56.7	352	R-66.0	352	R-70.9
Maryland.....	660	D-58.3	608	D-51.9	597	R-49.4	902	R-55.4	933	R-60.0
Massachusetts.....	2,027	D-53.1	1,961	D-52.8	2,107	D-54.7	2,383	R-54.2	2,349	R-59.3
Michigan.....	2,086	R-49.9	2,205	D-50.2	2,110	R-49.2	2,799	R-55.4	3,080	R-55.6
Minnesota.....	1,251	D-51.5	1,126	D-52.4	1,212	D-57.2	1,379	R-55.3	1,340	R-53.7
Mississippi.....	176	D-95.7	180	D-88.0	192	(?)	286	D-60.4	248	D-58.2
Missouri.....	1,834	D-52.3	1,572	D-51.4	1,579	D-58.1	1,892	R-50.7	1,833	D-50.1
Montana.....	248	D-58.8	207	D-54.3	224	D-53.1	265	R-59.4	271	R-57.1
Nebraska.....	616	R-57.2	563	R-58.6	489	R-54.2	610	R-69.2	577	R-65.5
Nevada.....	53	D-60.2	54	D-54.6	62	D-50.4	82	R-61.4	97	R-58.0
New Hampshire.....	235	D-53.2	230	D-52.1	231	R-52.4	273	R-60.9	267	R-66.1
New Jersey.....	1,974	D-51.5	1,964	D-50.3	1,950	R-50.3	2,419	R-56.8	2,484	R-64.7
New Mexico.....	183	D-56.7	152	D-53.5	187	D-56.1	239	R-55.4	254	R-57.8
New York.....	6,302	R-48.0	6,317	R-47.3	6,177	R-46.0	7,128	R-55.5	7,096	R-61.2
North Carolina.....	823	D-74.0	791	D-66.7	791	D-58.0	1,211	D-53.9	1,166	D-50.7
North Dakota.....	281	R-55.1	220	R-53.8	221	R-52.2	270	R-71.0	254	R-61.7
Ohio.....	3,320	D-52.2	3,153	R-50.2	2,936	D-49.5	3,701	R-56.8	3,702	R-61.1
Oklahoma.....	826	D-57.4	722	D-55.5	722	D-62.7	949	R-54.6	859	R-55.1
Oregon.....	481	D-53.7	480	D-51.8	524	R-49.8	695	R-60.5	736	R-55.2
Pennsylvania.....	4,078	D-53.2	3,795	D-51.1	3,735	R-50.9	4,581	R-52.7	4,577	R-56.5
Rhode Island.....	321	D-56.7	299	D-58.6	328	D-57.6	414	R-50.9	388	R-58.3
South Carolina.....	100	D-95.6	103	D-87.6	143	(?)	341	D-50.7	301	D-45.4
South Dakota.....	308	R-57.4	232	R-58.3	250	R-51.8	294	R-69.3	294	R-58.4
Tennessee.....	523	D-67.3	511	D-60.4	550	D-49.1	893	R-50.0	939	R-49.2
Texas.....	1,117	D-81.0	1,144	D-71.3	1,147	D-65.4	2,076	R-53.1	1,955	R-55.3
Utah.....	248	D-62.3	248	D-60.4	276	D-54.0	330	R-58.9	334	R-64.6
Vermont.....	143	R-54.8	125	R-57.1	123	R-61.5	154	R-71.5	153	R-72.2
Virginia.....	347	D-68.1	388	D-62.4	419	D-47.9	620	R-56.3	698	R-55.4
Washington.....	794	D-58.2	856	D-56.8	905	D-52.6	1,103	R-54.3	1,151	R-53.9
West Virginia.....	868	D-57.1	716	D-54.9	749	D-57.3	874	D-51.9	831	R-54.1
Wisconsin.....	1,406	D-50.1	1,339	R-50.4	1,277	D-50.7	1,607	R-61.0	1,551	R-61.6
Wyoming.....	112	D-52.8	101	R-51.2	101	D-51.6	129	R-62.7	124	R-60.1

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Percentages based on figures which exclude votes of minor parties for candidates of major parties.

<sup>3</sup> Vote represented a victory for Thurmond (States' Rights Democratic Party) as follows: Alabama, 79.7 percent; Louisiana, 49.1 percent; Mississippi, 87.2 percent; and South Carolina, 72.0 percent.

Source: 1940-44, Edgar Eugene Robinson, *They Voted for Roosevelt*, Stanford University Press, Stanford, 1947; 1948, Governmental Affairs Institute, Washington, D.C., *America Votes* (copyright); 1952-56, Dept. of Commerce, Bureau of the Census, *Congressional District Data Book (Districts of the 88th Congress)*, 1963.



# No. 519. POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, BY POLITICAL PARTIES, BY STATES: 1960 AND 1964

[In thousands, except percent. See also *Historical Statistics, Colonial Times to 1957*, series Y 80-128]

STATE	1960						1964					
	Total	Democ- ratic	Re- pub- lican	Other parties	Percent of total		Total	Democ- ratic	Re- pub- lican	Other parties	Percent of total	
					Democ- rat- ic	Re- pub- lican					Democ- rat- ic	Re- pub- lican
<b>Total</b> .....	68,838	34,227	34,108	503	49.7	49.5	70,645	43,129	27,178	337	61.1	38.5
Alabama.....	570	1 324	238	8	56.8	41.7	690	(2)	479	211	-	69.5
Alaska.....	61	30	31	-	49.1	50.9	67	44	23	-	65.9	34.1
Arizona.....	398	177	221	(Z)	44.4	55.5	481	238	243	(Z)	49.5	50.4
Arkansas.....	429	215	185	29	50.2	43.1	560	314	243	3	56.1	43.4
California.....	6,507	3,224	3,260	23	49.6	50.1	7,058	4,172	2,879	7	59.1	40.8
Colorado.....	736	331	402	3	44.9	54.6	777	476	297	4	61.3	38.2
Connecticut.....	1,223	657	566	(Z)	53.7	46.3	1,219	826	391	1	67.8	32.1
Delaware.....	197	100	96	1	50.6	49.0	201	123	78	1	60.9	38.8
Dist. of Columbia.....	(X)	(X)	(X)	(X)	(X)	(X)	199	170	29	-	85.5	14.5
Florida.....	1,544	749	795	-	48.5	51.5	1,854	949	906	-	51.1	48.9
Georgia.....	733	459	274	(Z)	62.5	37.4	1,139	523	617	(Z)	45.9	54.1
Hawaii.....	185	92	92	-	50.0	50.0	207	163	44	-	78.8	21.2
Idaho.....	300	139	162	-	46.2	53.8	292	149	144	-	50.9	49.1
Illinois.....	4,757	2,378	2,369	11	50.0	49.8	4,703	2,797	1,906	(Z)	59.5	40.5
Indiana.....	2,135	952	1,175	8	44.6	55.0	2,092	1,171	911	10	56.0	43.6
Iowa.....	1,274	551	722	1	43.2	56.7	1,185	733	449	2	61.9	37.9
Kansas.....	929	363	561	4	39.1	60.4	858	464	387	7	54.1	45.1
Kentucky.....	1,124	522	603	-	46.4	53.6	1,046	670	373	3	64.0	35.7
Louisiana.....	808	407	231	5 170	50.4	28.6	896	387	509	-	43.2	56.8
Maine.....	422	181	241	-	43.0	57.0	381	262	119	-	68.8	31.2
Maryland.....	1,055	566	490	(Z)	53.6	46.4	1,116	731	385	(Z)	65.5	34.5
Massachusetts.....	2,469	1,487	977	6	60.2	39.6	2,345	1,786	550	9	76.2	23.4
Michigan.....	3,318	1,687	1,620	10	50.9	48.8	3,203	2,137	1,060	6	66.7	33.1
Minnesota.....	1,542	780	758	4	50.6	49.2	1,554	991	560	4	63.8	36.0
Mississippi.....	298	108	74	4 116	36.3	24.7	409	53	357	-	12.9	87.1
Missouri.....	1,934	972	962	-	50.3	49.7	1,818	1,164	654	-	64.0	36.0
Montana.....	278	135	142	1	48.6	51.1	279	164	113	1	58.9	40.6
Nebraska.....	613	233	381	-	37.9	62.1	584	307	277	-	52.6	47.4
Nevada.....	107	55	52	-	51.2	48.8	135	79	56	-	58.6	41.4
New Hampshire.....	296	138	158	-	46.6	53.4	288	184	104	-	63.9	36.1
New Jersey.....	2,773	1,385	1,363	24	50.0	49.2	2,848	1,868	964	15	65.6	33.9
New Mexico.....	311	156	154	1	50.2	49.4	329	194	133	2	59.0	40.4
New York.....	7,291	5 3,830	3,446	15	52.5	47.3	7,166	5 4,913	2,244	10	68.6	31.3
North Carolina.....	1,369	713	655	-	52.1	47.9	1,425	800	625	-	56.2	43.8
North Dakota.....	278	124	154	(Z)	44.5	55.4	258	150	108	(Z)	58.0	41.9
Ohio.....	4,162	1,944	2,218	-	46.7	53.3	3,969	2,498	1,471	-	62.9	37.1
Oklahoma.....	903	370	533	-	41.0	59.0	932	520	413	-	55.7	44.3
Oregon.....	776	367	408	1	47.3	52.6	786	501	283	3	63.7	36.0
Pennsylvania.....	5,007	2,556	2,440	10	51.1	48.7	4,823	3,131	1,674	18	64.9	34.7
Rhode Island.....	406	258	148	(Z)	63.6	36.4	390	315	75	(Z)	80.9	19.1
South Carolina.....	387	198	189	(Z)	51.2	48.8	525	216	309	(Z)	41.1	58.9
South Dakota.....	306	128	178	-	41.8	58.2	293	163	130	-	55.6	44.4
Tennessee.....	1,052	481	557	14	45.8	52.9	1,144	635	509	(Z)	55.5	44.5
Texas.....	2,311	1,168	1,121	22	50.5	48.5	2,627	1,663	959	5	63.3	36.5
Utah.....	375	169	205	(Z)	45.2	54.8	401	220	182	-	54.7	45.3
Vermont.....	167	69	98	(Z)	41.3	58.6	163	108	55	(Z)	66.3	33.7
Virginia.....	771	362	405	5	47.0	52.4	1,042	558	481	3	53.5	46.2
Washington.....	1,242	599	629	13	48.3	50.7	1,258	780	470	8	62.0	37.4
West Virginia.....	838	442	396	-	52.7	47.3	792	538	254	-	67.9	32.1
Wisconsin.....	1,729	831	895	3	48.0	51.8	1,692	1,050	638	3	62.1	37.7
Wyoming.....	141	63	77	-	45.0	55.0	143	81	62	-	56.6	43.4

- Represents zero. X Not applicable. Z Less than 500.

<sup>1</sup> The 11-man Democratic elector slate consisted of 6 "unpledged" electors who subsequently voted for Harry F. Byrd, and 5 "loyalist" electors, who subsequently voted for John F. Kennedy.

<sup>2</sup> Democratic electors were not pledged to Johnson; therefore, vote appears in "Other parties."

<sup>3</sup> Vote cast for States' Rights Democratic Party.

<sup>4</sup> Vote cast for unpledged Democratic electors who subsequently supported Harry F. Byrd for President.

<sup>5</sup> Includes 406,176 Liberal Party votes cast for Democratic candidate for 1960, and 342,432 for 1964.

Source: U.S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 8, 1960*, and *Statistics of the Presidential and Congressional Election of Nov. 3, 1964*. (In some cases, figures have been revised by Governmental Affairs Institute, Washington, D.C.)



No. 520. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES,  
BY STATES: 1928 TO 1964

[D=Democratic, R=Republican. See also *Historical Statistics, Colonial Times to 1957*, series Y 32-79]

STATE	1928	1932	1936	1940	1944	1948 <sup>1</sup>	1952	1956 <sup>2</sup>	1960 <sup>3</sup>	1964
Democratic.....	87	472	523	449	432	303	89	73	303	486
Republican.....	444	59	8	82	99	189	442	457	219	52
Alabama.....	D-12	D-11	D-11	D-11	D-11	( <sup>1</sup> )	D-11	<sup>2</sup> D-10	<sup>3</sup> D-5	R-10
Alaska.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	R-3	D-3
Arizona.....	R-3	D-3	D-3	D-3	D-4	D-4	R-4	R-4	R-4	R-5
Arkansas.....	D-9	D-9	D-9	D-9	D-9	D-9	D-8	D-8	D-8	D-6
California.....	R-13	D-22	D-22	D-22	D-25	D-25	R-32	R-32	R-32	D-40
Colorado.....	R-6	D-6	D-6	R-6	R-6	D-6	R-6	R-6	R-6	D-6
Connecticut.....	R-7	R-8	D-8	D-8	D-8	R-8	R-8	R-8	D-8	D-8
Delaware.....	R-3	R-3	D-3	D-3	D-3	R-3	R-3	R-3	D-3	D-3
Dist. of Columbia.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	D-3
Florida.....	R-6	D-7	D-7	D-7	D-8	D-8	R-10	R-10	R-10	D-14
Georgia.....	D-14	D-12	D-12	D-12	D-12	D-12	D-12	D-12	D-12	R-12
Hawaii.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	D-3	D-4
Idaho.....	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4	R-4	D-4
Illinois.....	R-29	D-29	D-29	D-29	D-23	D-28	R-27	R-27	D-27	D-26
Indiana.....	R-15	D-14	D-14	R-14	R-13	R-13	R-13	R-13	R-13	D-13
Iowa.....	R-13	D-11	D-11	R-11	R-10	D-10	R-10	R-10	R-10	D-9
Kansas.....	R-10	D-9	D-9	R-9	R-8	R-8	R-8	R-8	R-8	D-7
Kentucky.....	R-13	D-11	D-11	D-11	D-11	D-11	D-10	R-10	R-10	D-9
Louisiana.....	D-10	D-10	D-10	D-10	D-10	( <sup>1</sup> )	D-10	R-10	D-10	R-10
Maine.....	R-6	R-5	R-5	R-5	R-5	R-5	R-5	R-5	R-5	D-4
Maryland.....	R-8	D-8	D-8	D-8	D-8	R-8	R-9	R-9	D-9	D-10
Massachusetts.....	D-18	D-17	D-17	D-17	D-16	D-16	R-16	R-16	D-16	D-14
Michigan.....	R-15	D-19	D-19	R-19	D-19	R-19	R-20	R-20	D-20	D-21
Minnesota.....	R-12	D-11	D-11	D-11	D-11	D-11	R-11	R-11	D-11	D-10
Mississippi.....	D-10	D-9	D-9	D-9	D-9	( <sup>1</sup> )	D-8	D-8	( <sup>1</sup> )	R-7
Missouri.....	R-18	D-15	D-15	D-15	D-15	D-15	R-13	D-13	D-13	D-12
Montana.....	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4	R-4	D-4
Nebraska.....	R-8	D-7	D-7	R-7	R-6	R-6	R-6	R-6	R-6	D-5
Nevada.....	R-3	D-3	D-3	D-3	D-3	D-3	R-3	R-3	D-3	D-3
New Hampshire.....	R-4	R-4	D-4	D-4	D-4	R-4	R-4	R-4	R-4	D-4
New Jersey.....	R-14	D-16	D-16	D-16	D-16	R-16	R-16	R-16	D-16	D-17
New Mexico.....	R-3	D-3	D-3	D-3	D-4	D-4	R-4	R-4	D-4	D-4
New York.....	R-45	D-47	D-47	D-47	D-47	R-47	R-45	R-45	D-45	D-43
North Carolina.....	R-12	D-13	D-13	D-13	D-14	D-14	D-14	D-14	D-14	D-13
North Dakota.....	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4	D-4
Ohio.....	R-24	D-26	D-26	D-26	R-25	D-25	R-25	R-25	R-25	D-26
Oklahoma.....	R-10	D-11	D-11	D-11	D-10	D-10	R-8	R-8	<sup>3</sup> R-7	D-8
Oregon.....	R-5	D-5	D-5	D-5	D-6	R-6	R-6	R-6	R-6	D-6
Pennsylvania.....	R-38	R-36	D-36	D-36	D-35	R-35	R-32	R-32	D-32	D-29
Rhode Island.....	D-5	D-4	D-4	D-4	D-4	D-4	R-4	R-4	D-4	D-4
South Carolina.....	D-9	D-8	D-8	D-8	D-8	( <sup>1</sup> )	D-8	D-8	D-8	R-8
South Dakota.....	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4	D-4
Tennessee.....	R-12	D-11	D-11	D-11	D-12	<sup>1</sup> D-11	R-11	R-11	R-11	D-11
Texas.....	R-20	D-23	D-23	D-23	D-23	D-23	R-24	R-24	D-24	D-25
Utah.....	R-4	D-4	D-4	D-4	D-4	D-4	R-4	R-4	R-4	D-4
Vermont.....	R-4	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-3	D-3
Virginia.....	R-12	D-11	D-11	D-11	D-11	D-11	R-12	R-12	R-12	D-12
Washington.....	R-7	D-8	D-8	D-8	D-8	D-8	R-9	R-9	R-9	D-9
West Virginia.....	R-8	D-8	D-8	D-8	D-8	D-8	D-8	R-8	D-8	D-7
Wisconsin.....	R-13	D-12	D-12	D-12	R-12	D-12	R-12	R-12	R-12	D-12
Wyoming.....	R-3	D-3	D-3	D-3	R-3	D-3	R-3	R-3	R-3	D-3

X Not applicable.

<sup>1</sup> Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1.

<sup>2</sup> Excludes 1 electoral vote cast for Walter B. Jones.

<sup>3</sup> Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1.

Source: U.S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election*.

**No. 521. VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1962, 1964, AND 1966**

[In thousands, except percent. Excludes elections to fill vacancies for unexpired terms]

STATE	1962				1964				1966			
	Total <sup>1</sup>	Democratic	Republican	Percent for majority party	Total <sup>1</sup>	Democratic	Republican	Percent for majority party	Total <sup>1</sup>	Democratic	Republican	Percent for majority party
Alabama.....	397	202	195	50.9	(X)	(X)	(X)	(X)	803	482	313	60.1
Alaska.....	58	34	24	58.1	(X)	(X)	(X)	(X)	65	49	16	75.5
Arizona.....	363	199	163	54.9	469	228	241	51.4	(X)	(X)	(X)	(X)
Arkansas.....	313	215	98	68.7	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
California.....	5,648	2,453	3,180	56.3	7,042	3,412	3,629	51.5	(X)	(X)	(X)	(X)
Colorado.....	613	280	329	53.6	(X)	(X)	(X)	(X)	635	266	368	58.0
Connecticut.....	1,029	528	502	51.3	1,208	781	427	64.6	(X)	(X)	(X)	(X)
Delaware.....	(X)	(X)	(X)	(X)	201	97	104	51.7	165	67	97	59.1
Florida.....	939	658	281	70.0	1,560	998	562	63.9	(X)	(X)	(X)	(X)
Georgia.....	306	306	-	100.0	(X)	(X)	(X)	(X)	631	631	-	100.0
Hawaii.....	196	136	60	69.4	209	97	111	53.0	(X)	(X)	(X)	(X)
Idaho.....	259	142	117	54.7	(X)	(X)	(X)	(X)	252	113	140	55.4
Illinois.....	3,709	1,748	1,961	52.9	(X)	(X)	(X)	(X)	3,823	1,678	2,100	54.9
Indiana.....	1,800	905	895	50.3	2,077	1,129	942	54.3	(X)	(X)	(X)	(X)
Iowa.....	808	377	431	53.4	(X)	(X)	(X)	(X)	857	324	522	60.9
Kansas.....	622	224	389	62.4	(X)	(X)	(X)	(X)	671	303	350	52.1
Kentucky.....	820	387	433	52.8	(X)	(X)	(X)	(X)	750	266	484	64.5
Louisiana.....	422	319	103	75.6	(X)	(X)	(X)	(X)	438	438	-	100.0
Maine.....	(X)	(X)	(X)	(X)	381	254	127	66.6	320	131	188	58.9
Maryland.....	714	444	270	62.2	1,081	679	402	62.8	(X)	(X)	(X)	(X)
Massachusetts.....	2,097	1,163	878	55.4	2,312	1,717	588	74.3	2,000	775	1,213	61.7
Michigan.....	(X)	(X)	(X)	(X)	3,102	1,997	1,096	64.4	2,441	1,070	1,364	55.9
Minnesota.....	(X)	(X)	(X)	(X)	1,544	931	606	60.3	1,271	686	575	53.9
Mississippi.....	(X)	(X)	(X)	(X)	343	343	-	100.0	394	258	105	65.6
Missouri.....	1,222	667	555	54.6	1,783	1,187	596	66.6	(X)	(X)	(X)	(X)
Montana.....	(X)	(X)	(X)	(X)	280	181	99	64.5	260	138	122	53.2
Nebraska.....	(X)	(X)	(X)	(X)	563	218	346	61.4	485	188	296	61.2
Nevada.....	97	63	34	65.3	135	2 67	2 67	50.0	(X)	(X)	(X)	(X)
New Hampshire.....	224	90	134	59.7	(X)	(X)	(X)	(X)	229	124	105	54.1
New Jersey.....	(X)	(X)	(X)	(X)	2,710	1,678	1,012	61.9	2,131	788	1,279	60.0
New Mexico.....	(X)	(X)	(X)	(X)	326	178	148	54.7	258	137	121	53.1
New York.....	5,703	2,289	3,272	57.4	7,152	3,824	3,104	53.5	(X)	(X)	(X)	(X)
North Carolina.....	813	492	322	60.4	(X)	(X)	(X)	(X)	902	501	401	55.6
North Dakota.....	224	88	136	60.7	259	149	110	57.6	(X)	(X)	(X)	(X)
Ohio.....	2,995	1,844	1,151	61.6	3,830	1,924	1,907	50.2	(X)	(X)	(X)	(X)
Oklahoma.....	665	354	308	53.2	912	467	445	51.2	639	343	296	53.7
Oregon.....	637	345	292	54.2	(X)	(X)	(X)	(X)	685	330	354	51.8
Pennsylvania.....	4,383	2,238	2,135	51.1	4,803	2,359	2,430	50.6	(X)	(X)	(X)	(X)
Rhode Island.....	(X)	(X)	(X)	(X)	386	320	67	82.7	324	219	105	67.7
South Carolina.....	313	179	134	57.2	(X)	(X)	(X)	(X)	436	165	271	62.2
South Dakota.....	254	2 127	2 127	50.1	(X)	(X)	(X)	(X)	227	77	151	66.3
Tennessee.....	(X)	(X)	(X)	(X)	3 1,064	3 571	3 493	53.6	867	384	483	55.7
Texas.....	(X)	(X)	(X)	(X)	2,604	1,464	1,134	56.2	1,493	644	843	56.4
Utah.....	318	152	167	52.4	397	228	170	57.3	(X)	(X)	(X)	(X)
Vermont.....	122	40	81	66.8	164	76	88	53.5	(X)	(X)	(X)	(X)
Virginia.....	(X)	(X)	(X)	(X)	928	592	177	63.8	734	430	246	58.6
Washington.....	943	491	446	52.1	1,213	876	337	72.2	(X)	(X)	(X)	(X)
West Virginia.....	(X)	(X)	(X)	(X)	761	515	246	67.7	491	292	199	59.5
Wisconsin.....	1,260	662	595	52.6	1,674	892	780	53.3	(X)	(X)	(X)	(X)
Wyoming.....	119	50	69	57.8	142	76	65	54.0	123	59	64	51.8

- Represents zero. X Not applicable. <sup>1</sup> Includes vote cast for minor parties.

<sup>2</sup> Votes cast round to same figure. For Nevada for 1964, recount figures: Democratic 66,907; Republican 66,823.

<sup>3</sup> Represents votes cast for 6-year term.

Source: U.S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election and Statistics of the Congressional Election*. (In some cases, figures have been revised by Governmental Affairs Institute, Washington, D.C.)

No. 522. APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES: 1790 TO 1960

[Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 Population Census. For method of calculating apportionment and a short history of apportionment, see House Report 2223, 86th Congress, 2d session; *Congressional Apportionment—Role of the Bureau of the Census*. See also *Historical Statistics, Colonial Times to 1957*, series Y 155-204]

STATE	BASED ON CENSUS OF—																
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960
Total Representatives	106	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435
Alabama	(X)	(X)	<sup>5</sup> 1	3	5	7	7	6	8	8	9	9	10	9	9	9	8
Alaska	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1
Arizona	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>7</sup> 1	1	1	2	2	3
Arkansas	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	2	3	4	5	6	7	7	7	7	6	4
California	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 2	2	3	4	6	7	8	11	20	23	30	38
Colorado	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	2	3	4	4	4	4	4
Connecticut	7	7	7	6	6	4	4	4	4	4	5	5	5	6	6	6	6
Delaware	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	1	2	2	2	3	4	5	6	8	12
Georgia	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10
Hawaii	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	2
Idaho	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	1	2	2	2	2	2
Illinois	(X)	(X)	<sup>5</sup> 1	1	3	7	9	14	19	20	22	25	27	27	26	25	24
Indiana	(X)	(X)	<sup>5</sup> 1	3	7	10	11	11	13	13	13	13	13	12	11	11	11
Iowa	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 2	2	6	9	11	11	11	11	11	8	8	7
Kansas	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	3	7	8	8	8	7	6	6	5
Kentucky	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7
Louisiana	(X)	(X)	<sup>5</sup> 1	3	3	4	4	5	6	6	6	7	8	8	8	8	8
Maine	(X)	(X)	<sup>5</sup> 7	7	8	7	6	5	5	4	4	4	4	3	3	3	2
Maryland	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8
Massachusetts	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14	14	12
Michigan	(X)	(X)	(X)	(X)	<sup>5</sup> 1	3	4	6	9	11	12	13	13	17	17	18	19
Minnesota	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 2	2	3	5	7	9	10	9	9	9	8
Mississippi	(X)	(X)	<sup>5</sup> 1	1	2	4	5	5	6	7	7	8	8	7	7	6	5
Missouri	(X)	(X)	(X)	1	2	5	7	9	13	14	15	16	16	13	13	11	10
Montana	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	1	2	2	2	2	2
Nebraska	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	3	6	6	5	4	4	3
Nevada	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	1	1	1	1	1	1	1
N. Hampshire	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2
New Jersey	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15
New Mexico	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	2	2	2
New York	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41
N. Carolina	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12	11
N. Dakota	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	2	3	2	2	2	2
Ohio	(X)	<sup>5</sup> 1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24
Oklahoma	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 5	8	9	8	6	6
Oregon	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	1	1	2	2	3	3	4	4	4
Pennsylvania	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27
Rhode Island	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
S. Carolina	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6
S. Dakota	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 2	2	2	3	2	2	2	2
Tennessee	<sup>5</sup> 1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9
Texas	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 2	2	4	6	11	13	16	18	21	21	22	23
Utah	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	2	2	2	2	2
Vermont	2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1
Virginia	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10
Washington	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	2	3	5	6	6	7	7
West Virginia	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3	4	4	5	6	6	6	6	5
Wisconsin	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 2	3	6	8	9	10	11	11	10	10	10	10
Wyoming	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	<sup>5</sup> 1	1	1	1	1	1	1	1

X Not applicable.  
<sup>1</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See footnote 5.  
<sup>2</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See footnote 5.  
<sup>3</sup> Membership originally fixed at 233 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192).  
<sup>4</sup> Includes one member each assigned to Alaska and Hawaii after apportionment.  
<sup>5</sup> Assigned after apportionment. <sup>5</sup> Members seated in 1959.  
<sup>7</sup> Included in apportionment act in anticipation of statehood.  
<sup>8</sup> Included in the 20 members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 15, 1820 (3 Stat. L. 555).



# Population of Congressional Districts

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No. 523. POPULATION, 1960, OF CONGRESSIONAL DISTRICTS FOR THE 88TH AND 90TH CONGRESSES, BY DIFFERENCES IN SIZE—STATES

[As of April 1]

STATE	DISTRICT POPULATION, 88TH CONGRESS					DISTRICT POPULATION, 90TH CONGRESS					Year of last redistricting
	Average (1,000)	Smallest district		Largest district		Average (1,000)	Smallest district		Largest district		
		(1,000)	Percent below average	(1,000)	Percent above average		(1,000)	Percent below average	(1,000)	Percent above average	
United States.....	412	177	57.0	952	130.8	412	228	44.5	589	42.9	(X)
Alabama <sup>1</sup> .....	<sup>2</sup> 3,267	(X)	(X)	(X)	(X)	408	384	6.1	443	8.4	1965
Alaska <sup>3</sup> .....	<sup>2</sup> 226	(X)	(X)	(X)	(X)	<sup>2</sup> 226	(X)	(X)	(X)	(X)	(X)
Arizona.....	434	198	54.3	664	52.9	434	405	6.6	457	5.2	1966
Arkansas.....	447	333	25.5	575	28.8	447	444	0.6	454	1.6	1965
California.....	414	302	27.0	589	42.4	414	302	27.0	589	42.4	1961
Colorado.....	438	196	55.4	654	49.1	438	406	7.4	494	12.6	1964
Connecticut.....	507	319	37.1	690	36.0	423	404	4.3	482	14.1	1964
Delaware <sup>3</sup> .....	<sup>2</sup> 446	(X)	(X)	(X)	(X)	<sup>2</sup> 446	(X)	(X)	(X)	(X)	(X)
Florida.....	413	237	42.5	660	60.0	413	375	9.3	476	15.3	1965
Georgia.....	394	272	31.0	824	108.9	394	330	16.4	456	15.5	1964
Hawaii <sup>4</sup> .....	<sup>2</sup> 633	(X)	(X)	(X)	(X)	<sup>2</sup> 633	(X)	(X)	(X)	(X)	(X)
Idaho.....	334	257	22.9	410	22.9	334	302	9.4	365	9.4	1965
Illinois.....	420	279	33.6	553	31.6	420	394	6.1	451	7.4	1965
Indiana.....	424	291	31.4	698	64.6	424	370	12.8	454	7.2	1965
Iowa.....	394	353	10.4	442	12.3	394	353	10.4	442	12.3	1961
Kansas.....	436	374	14.3	540	23.8	436	394	9.6	454	4.2	1965
Kentucky.....	434	351	19.2	611	40.8	434	418	3.8	458	5.5	1966
Louisiana.....	407	264	35.2	536	31.7	407	370	9.1	463	13.7	1966
Maine.....	485	464	4.3	505	4.3	485	464	4.3	505	4.3	1961
Maryland.....	443	244	45.0	711	60.5	388	383	1.2	393	1.5	1966
Massachusetts.....	429	376	12.3	479	11.6	429	376	12.3	479	11.6	1962
Michigan.....	435	177	59.2	803	84.8	412	403	2.1	417	1.3	1964
Minnesota.....	427	375	12.0	483	13.2	427	375	12.0	483	13.2	1961
Mississippi.....	436	295	32.3	608	39.7	436	423	2.8	450	3.2	1966
Missouri.....	432	378	12.4	507	17.3	432	390	9.7	476	10.1	1965
Montana.....	337	274	18.7	401	18.7	337	327	3.1	348	3.1	1965
Nebraska.....	470	405	14.0	531	12.8	470	405	14.0	531	12.8	1961
Nevada <sup>3</sup> .....	<sup>2</sup> 285	(X)	(X)	(X)	(X)	<sup>2</sup> 285	(X)	(X)	(X)	(X)	(X)
New Hampshire.....	303	275	9.3	332	9.3	303	275	9.3	332	9.3	1881
New Jersey.....	404	255	36.9	586	44.8	404	375	7.3	440	8.7	1966
New Mexico <sup>4</sup> .....	<sup>2</sup> 951	(X)	(X)	(X)	(X)	<sup>2</sup> 951	(X)	(X)	(X)	(X)	(X)
New York.....	409	350	14.4	471	15.1	409	350	14.4	471	15.1	1962
North Carolina.....	414	278	32.9	491	18.7	414	377	8.9	449	8.4	1966
North Dakota.....	316	299	5.4	333	5.4	316	299	5.4	333	5.4	1959
Ohio.....	422	236	44.0	726	72.1	404	320	20.9	458	13.2	1965
Oklahoma.....	388	228	41.3	553	42.5	388	228	41.3	553	42.5	1951
Oregon.....	442	265	40.0	523	18.2	442	404	8.6	469	6.0	1966
Pennsylvania.....	419	303	27.7	553	31.9	419	357	14.9	482	15.0	1966
Rhode Island.....	430	400	7.0	460	7.0	430	399	7.1	460	7.1	1963
South Carolina.....	397	272	31.4	532	33.9	397	376	5.6	421	6.1	1966
South Dakota.....	340	183	46.3	498	46.3	340	329	3.4	352	3.4	1966
Tennessee.....	396	223	43.6	627	58.2	396	341	13.8	453	14.4	1965
Texas.....	435	216	50.3	952	118.5	417	376	9.7	459	10.2	1965
Utah.....	445	318	28.6	573	28.6	445	439	1.5	452	1.5	1965
Vermont <sup>3</sup> .....	<sup>2</sup> 390	(X)	(X)	(X)	(X)	<sup>2</sup> 390	(X)	(X)	(X)	(X)	(X)
Virginia.....	397	313	21.1	540	36.0	397	382	3.8	420	5.8	1965
Washington.....	408	343	16.0	511	25.2	408	343	16.0	511	25.2	1959
West Virginia.....	372	303	18.5	422	13.4	372	303	18.5	422	13.4	1961
Wisconsin.....	395	237	40.1	530	34.2	395	382	3.4	409	3.4	1963
Wyoming <sup>3</sup> .....	<sup>2</sup> 330	(X)	(X)	(X)	(X)	<sup>2</sup> 330	(X)	(X)	(X)	(X)	(X)

X Not applicable. <sup>1</sup> 8 Representatives elected at large for 88th Congress. <sup>2</sup> Total State population. <sup>3</sup> 1 Representative elected at large. <sup>4</sup> 2 Representatives elected at large.

Source: Dept. of Commerce, Bureau of the Census; *Congressional District Data Book (Districts of the 88th Congress)*; *Supplements, Redistricted States*; and *1960 Census of Population, Supplementary Reports PC (S1)-53*.

# No. 524. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES, BY STATES: 1962, 1964, AND 1966

[In thousands, except percent. In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Alaska, Delaware, Nevada, Vermont, and Wyoming, only 1 Representative is elected from the State at large. In Hawaii, New Mexico, and North Dakota, 2 Representatives are elected from the State at large. In Connecticut (1962), Maryland (1962 and 1964), Ohio (1962 and 1964), and Texas (1962 and 1964), Representatives are elected by district, except 1 who was elected at large; these at-large votes are not reflected in this tabulation. In numerous States, one or other of the major parties had no candidate in some districts. In those cases where votes of a party as such are cast in endorsement of a candidate of another party, votes are counted as for the endorsing party. See also notes below]

STATE	1962				1964				1966			
	Total <sup>1</sup>	Democrat	Republican	Percent for majority party	Total <sup>1</sup>	Democrat	Republican	Percent for majority party	Total <sup>1</sup>	Democrat	Republican	Percent for majority party
<b>Total</b> .....	<b>51,261</b>	<b>26,905</b>	<b>24,210</b>	<b>52.5</b>	<b>65,886</b>	<b>37,700</b>	<b>27,866</b>	<b>57.2</b>	<b>52,900</b>	<b>26,917</b>	<b>25,525</b>	<b>50.9</b>
Ala.....	445	<sup>2</sup> 304	<sup>2</sup> 141	<sup>2</sup> 68.3	617	298	317	51.4	705	430	275	60.9
Alaska.....	59	32	27	54.2	67	35	33	51.5	66	32	34	51.6
Ariz.....	349	170	179	51.4	461	231	230	50.1	364	160	204	56.1
Ark. <sup>3</sup> .....	182	134	48	73.7	130	71	59	54.7	292	161	131	55.2
Calif. <sup>4</sup> .....	5,571	2,892	2,680	51.9	6,824	3,609	3,214	52.9	6,279	2,938	3,337	53.1
Colo.....	597	282	314	52.7	758	440	316	58.1	640	340	298	53.0
Conn.....	1,032	557	474	54.0	1,209	753	456	62.3	1,004	543	463	54.1
Del.....	153	81	72	53.0	199	112	86	56.6	163	72	91	55.8
Fla.....	941	589	352	62.6	1,415	992	421	70.1	1,054	680	369	64.6
Ga.....	332	272	60	81.7	836	562	248	67.3	851	558	292	65.6
Hawaii.....	<sup>5</sup> 195	<sup>5</sup> 124	<sup>5</sup> 71	<sup>5</sup> 63.6	<sup>5</sup> 230	<sup>5</sup> 140	<sup>5</sup> 89	<sup>5</sup> 61.1	<sup>5</sup> 208	<sup>5</sup> 141	<sup>5</sup> 67	<sup>5</sup> 67.7
Idaho.....	254	135	120	52.9	285	140	144	50.7	248	99	149	60.2
Ill.....	3,625	1,802	1,821	50.2	4,575	2,492	2,082	54.5	3,735	1,708	2,028	54.3
Ind.....	1,791	878	912	50.9	2,073	1,095	978	52.8	1,678	780	897	53.5
Iowa.....	803	370	432	53.9	1,142	623	517	54.6	879	418	459	52.2
Kans.....	625	250	376	60.1	814	362	452	55.5	661	242	417	63.1
Ky.....	631	372	258	59.0	955	618	337	64.8	677	357	320	52.8
La.....	346	304	42	87.7	601	430	171	71.5	546	447	99	81.8
Maine.....	286	127	158	55.4	370	206	163	55.8	313	167	138	53.5
Md.....	719	403	316	56.1	1,012	636	376	62.9	765	429	336	56.1
Mass.....	1,970	1,147	808	58.2	2,108	1,313	787	62.3	1,812	1,098	713	60.6
Mich.....	2,675	1,378	1,297	51.5	3,060	1,768	1,289	57.8	2,367	1,150	1,216	51.4
Minn.....	1,205	599	605	50.2	1,521	827	693	54.4	1,220	590	630	51.6
Miss.....	162	157	-	97.2	361	326	35	90.2	383	283	62	73.9
Mo.....	1,212	684	528	56.4	1,772	1,108	665	62.5	1,045	561	484	53.7
Mont.....	248	119	129	52.0	277	136	140	50.5	258	117	141	54.5
Nebr.....	445	164	272	61.1	561	273	288	51.4	471	179	293	62.1
Nev.....	93	67	26	71.6	131	83	48	63.3	128	86	41	67.6
N.H.....	221	99	122	55.1	279	141	138	50.6	229	90	139	60.8
N.J.....	1,859	981	964	50.1	2,721	1,483	1,228	54.5	2,098	1,021	1,046	49.8
N. Mex.....	<sup>6</sup> 245	<sup>6</sup> 153	<sup>6</sup> 116	<sup>6</sup> 62.4	<sup>6</sup> 349	<sup>6</sup> 194	<sup>6</sup> 155	<sup>6</sup> 55.7	<sup>6</sup> 265	<sup>6</sup> 140	<sup>6</sup> 125	<sup>6</sup> 52.9
N.Y. <sup>7</sup> .....	5,560	2,778	2,686	50.0	6,763	3,919	2,718	57.9	5,513	2,764	2,495	50.1
N.C.....	819	482	336	58.9	1,304	788	516	60.4	916	484	432	52.9
N. Dak.....	216	99	118	54.3	249	<sup>8</sup> 124	<sup>8</sup> 124	50.0	197	81	117	59.1
Ohio.....	3,001	1,319	1,676	55.9	3,732	1,887	1,846	50.6	2,796	1,196	1,599	57.2
Okla.....	625	382	243	61.1	840	530	311	63.0	636	334	303	52.4
Oreg.....	631	342	289	54.3	768	462	306	60.1	665	315	350	52.6
Pa.....	4,354	2,136	2,217	50.9	<sup>9</sup> 4,522	<sup>9</sup> 2,516	<sup>9</sup> 2,006	55.6	3,967	1,897	2,070	52.2
R.I.....	319	208	111	65.1	373	278	95	74.6	321	197	125	61.3
S.C.....	263	226	37	86.0	438	387	49	88.3	364	257	107	70.6
S. Dak.....	253	102	151	59.8	288	123	164	57.2	225	81	144	63.8
Tenn.....	606	375	212	61.9	1,035	581	417	56.1	800	382	383	47.9
Tex.....	1,504	1,014	490	67.4	2,617	1,797	820	68.7	1,258	1,037	206	82.4
Utah.....	317	150	167	52.8	396	210	186	52.9	307	111	196	63.8
Vt.....	121	53	69	56.7	163	71	92	57.8	136	47	89	65.6
Va.....	448	269	179	60.0	929	537	299	57.8	683	392	268	57.3
Wash.....	881	338	543	61.7	1,198	613	584	51.2	939	474	450	50.5
W. Va.....	613	343	270	56.0	770	450	320	58.4	494	262	232	53.0
Wis.....	1,244	620	624	50.1	1,649	859	790	52.1	1,154	533	621	53.8
Wyo.....	116	45	71	61.4	139	71	68	50.8	119	56	63	52.7

- Represents zero. <sup>1</sup> Includes vote cast for minor parties.

<sup>2</sup> Represents vote cast for the candidate receiving the greatest number of votes.

<sup>3</sup> 1962 and 1966 data for 3d and 4th Districts; 1964 for 3d District only. Arkansas law does not require tabulation of votes for unopposed candidates.

<sup>4</sup> A person may be candidate of one or more parties for same office, so party votes for candidates are not segregable. Party vote shown is computed by assigning to a party total votes for candidates who are members of that party. <sup>5</sup> Voters entitled to vote for any 2 candidates; total ascertained by adding the highest vote received by a single candidate in each political party.

<sup>6</sup> 2 at-large positions filled separately. Voters have 1 vote for each position. State totals represent largest number of votes cast for either position. Therefore, total shown for each party does not necessarily add to overall State total. <sup>7</sup> Includes votes cast by minor parties for Democratic-endorsed and Republican-endorsed candidates.

<sup>8</sup> Actual figures, Republican 124,453; Democratic 123,959. <sup>9</sup> Vote for the 6th District not available.

Source: U.S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election and Statistics of the Congressional Election*. (In some cases, revisions by Governmental Affairs Institute, Washington, D.C.)

## Composition of Congress

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## No. 525. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS, BY STATES: 1965 TO 1967

[Figures are for the beginning of the first session of each Congress, except 1966, which are for beginning of second session. Dem.=Democratic; Rep.=Republican]

STATE	REPRESENTATIVES						SENATORS					
	89th Congress				90th Congress (1967) <sup>2</sup>		89th Congress				90th Congress (1967)	
	1965		1966 <sup>1</sup>				1965		1966			
Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	
<b>Total</b> .....	295	140	293	140	247	187	68	32	68	32	64	36
Alabama.....	3	5	3	5	5	3	2	-	2	-	2	-
Alaska.....	1	-	1	-	-	1	2	-	2	-	2	-
Arizona.....	2	1	2	1	1	2	1	1	1	1	1	1
Arkansas.....	4	-	4	-	3	1	2	-	2	-	2	-
California.....	23	15	23	15	21	17	-	2	-	2	-	2
Colorado.....	4	-	4	-	3	1	-	2	-	2	-	2
Connecticut.....	6	-	6	-	5	1	2	-	2	-	2	-
Delaware.....	1	-	1	-	-	1	-	2	-	2	-	2
Florida.....	10	2	10	2	9	3	2	-	2	-	2	-
Georgia.....	9	1	9	1	8	2	2	-	2	-	2	-
Hawaii.....	2	-	2	-	2	-	1	1	1	1	1	1
Idaho.....	1	1	1	1	-	2	1	1	1	1	1	1
Illinois.....	13	11	13	11	12	12	1	1	1	1	-	2
Indiana.....	6	5	6	5	5	6	2	-	2	-	2	-
Iowa.....	6	1	6	1	2	5	-	2	-	2	-	2
Kansas.....	-	5	-	5	-	5	-	2	-	2	-	2
Kentucky.....	6	1	6	1	4	3	-	2	-	2	-	2
Louisiana.....	8	-	8	-	8	-	2	-	2	-	2	-
Maine.....	1	1	1	1	2	-	1	1	1	1	1	1
Maryland.....	6	2	6	2	5	3	2	-	2	-	2	-
Massachusetts.....	7	5	7	5	7	5	1	1	1	1	1	1
Michigan.....	12	7	12	7	7	12	2	-	2	-	1	1
Minnesota.....	4	4	4	4	3	5	2	-	2	-	2	-
Mississippi.....	4	1	4	1	5	-	2	-	2	-	2	-
Missouri.....	8	2	8	2	8	2	2	-	2	-	2	-
Montana.....	1	1	1	1	1	1	2	-	2	-	2	-
Nebraska.....	1	2	1	2	-	3	-	2	-	2	-	2
Nevada.....	1	-	1	-	1	-	2	-	2	-	2	-
New Hampshire.....	1	1	1	1	-	2	1	1	1	1	1	1
New Jersey.....	11	4	11	4	9	6	1	1	1	1	1	1
New Mexico.....	2	-	2	-	2	-	2	-	2	-	2	-
New York.....	27	14	27	13	26	15	1	1	1	1	1	1
North Carolina.....	9	2	8	2	8	3	2	-	2	-	2	-
North Dakota.....	1	1	1	1	-	2	1	1	1	1	1	1
Ohio.....	10	14	10	14	5	19	2	-	2	-	2	-
Oklahoma.....	5	1	5	1	4	2	2	-	2	-	2	-
Oregon.....	3	1	3	1	2	2	2	-	2	-	1	1
Pennsylvania.....	15	12	15	12	14	13	1	1	1	1	1	1
Rhode Island.....	2	-	2	-	1	-	2	-	2	-	2	-
South Carolina.....	6	-	5	1	5	1	1	1	1	1	1	1
South Dakota.....	-	2	-	2	-	2	1	1	1	1	1	1
Tennessee.....	6	3	6	3	5	4	2	-	2	-	1	1
Texas.....	23	-	23	-	21	2	1	1	1	1	1	1
Utah.....	1	1	1	1	-	2	1	1	1	1	1	1
Vermont.....	-	1	-	1	-	1	-	2	-	2	-	2
Virginia.....	8	2	8	2	6	4	2	-	2	-	2	-
Washington.....	5	2	5	2	5	2	2	-	2	-	2	-
West Virginia.....	4	1	4	1	4	1	2	-	2	-	2	-
Wisconsin.....	5	5	5	5	3	7	2	-	2	-	2	-
Wyoming.....	1	-	1	-	-	1	1	1	1	1	1	1

- Represents zero.

<sup>1</sup> New York and North Carolina each had 1 vacancy at beginning of session.<sup>2</sup> Rhode Island had 1 vacancy at beginning of session.Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*.



No. 526. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS: 1929 TO 1967

[D=Democratic, R=Republican. Figures are for beginning of first session of each Congress, except 1964 and 1966, which are for beginning of second session. See also *Historical Statistics, Colonial Times to 1957*, series Y 139-145]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Principal minority party	Other (except vacancies)	Majority party	Principal minority party	Other (except vacancies)
1929	R (Hoover)	71st	R-267	D-167	1	R-56	D-39	1
1931	R (Hoover)	72d	D-220	R-214	1	R-48	D-47	1
1933	D (F. Roosevelt)	73d	D-310	R-117	5	D-60	R-35	1
1935	D (F. Roosevelt)	74th	D-319	R-103	10	D-69	R-25	2
1937	D (F. Roosevelt)	75th	D-331	R- 89	13	D-76	R-16	4
1939	D (F. Roosevelt)	76th	D-261	R-164	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
	D (Truman)							
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	1
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 <sup>1</sup>	R (Eisenhower)	86th	D-283	R-153	-	D-64	R-34	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
	D (Johnson)							
1964 <sup>2</sup>	D (Johnson)	88th	D-255	R-178	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1966 <sup>2</sup>	D (Johnson)	89th	D-293	R-140	-	D-68	R-32	-
1967 <sup>3</sup>	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-

- Represents zero. <sup>1</sup> Excludes Hawaii. Members of Congress from Hawaii (2 Senators—1 Republican and 1 Democrat; 1 Representative—Democrat) were seated on August 21, 1959.  
<sup>2</sup> House of Representatives had 2 vacancies at beginning of session.  
<sup>3</sup> House of Representatives had 1 vacancy at beginning of session.  
Source: U.S. Congress, Joint Committee on Printing; *Congressional Directory*.

No. 527. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1949 TO 1966  
[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1957*, series Y 129-138]

ITEM	81st Ccng.	82d Cong.	83d Cong.	84th Cong.	85th Cong.	86th Cong.	87th Cong.	88th Cong.	89th Cong.
Period of session	1949-50	1951-52	1953-54	1955-56	1957-58	1959-60	1961-62	1963-64	1965-66
Measures introduced	14, 988	12, 730	14, 952	17, 687	19, 112	18, 261	18, 376	17, 480	24, 003
Bills	14, 219	12, 062	14, 181	16, 782	18, 205	17, 230	17, 230	16, 079	22, 483
Joint resolutions	769	668	771	905	907	1, 031	1, 146	1, 401	1, 520
Measures enacted	2, 119	1, 617	1, 783	1, 921	1, 854	1, 292	1, 569	1, 026	1, 283
Public	1, 016	594	781	1, 028	1, 009	800	885	666	810
Private	1, 103	1, 023	1, 002	893	845	492	684	360	473

Source: U.S. Congress; *Calendars of the U.S. House of Representatives and History of Legislation*.

No. 528. CONGRESSIONAL BILLS VETOED: 1913 TO 1966

PERIOD	President	VETOED BILLS			Vetoes sustained	Bills passed over veto
		Total	Regular	Pocket		
1913-1921	Wilson	44	33	11	38	6
1921-1923	Harding	6	5	1	6	-
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	631	371	260	622	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	201	83	118	198	3
1961-1963	Kennedy	25	14	11	25	-
1963-1966	Johnson	23	15	8	23	-

- Represents zero.  
Source: U.S. Congress, Senate Library; *Veto Messages . . . 1889-1956*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*.

# No. 529. VOTE CAST FOR GOVERNOR, BY STATES, 1960 TO 1966, AND CANDIDATES ELECTED

[In thousands, except percent. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party]

STATE	1960		1962		1964		1966		Candidate elected at most recent election
	Total vote	Percent for majority party	Total vote	Percent for majority party	Total vote	Percent for majority party	Total vote	Percent for majority party	
Ala.....	(X)	(X)	316	D-96.3	(X)	(X)	848	D-63.4	Lurleen Wallace.
Alaska.....	(X)	(X)	57	D-52.3	(X)	(X)	66	R-50.0	Walter J. Hickel.
Ariz.....	397	R-59.3	366	R-54.8	474	D-53.2	378	R-53.8	Jack Williams.
Ark.....	422	D-69.2	308	D-73.3	592	D-57.0	564	R-54.3	Winthrop Rockefeller.
Calif.....	(X)	(X)	5,853	D-51.9	(X)	(X)	6,503	R-57.6	Ronald Reagan.
Colo.....	(X)	(X)	616	R-56.7	(X)	(X)	660	R-54.0	John A. Love.
Conn.....	(X)	(X)	1,032	D-53.2	(X)	(X)	1,009	D-55.7	John N. Dempsey.
Del.....	195	D-51.7	(X)	(X)	200	D-51.4	(X)	(X)	Charles L. Terry, Jr.
Fla.....	1,419	D-59.8	(X)	(X)	1,663	D-56.1	1,490	R-55.1	Claude R. Kirk, Jr.
Ga.....	(X)	(X)	312	D-100.0	(X)	(X)	957	R-47.4	Lester Maddox. <sup>1</sup>
Hawaii <sup>2</sup> .....	(X)	(X)	196	D-58.3	(X)	(X)	213	D-51.1	John A. Burns.
Idaho.....	(X)	(X)	255	R-54.6	(X)	(X)	253	R-41.4	Don Samuelson.
Ill.....	4,674	D-55.5	(X)	(X)	4,658	D-51.9	(X)	(X)	Otto Kerner.
Ind.....	2,129	D-50.4	(X)	(X)	2,073	D-56.2	(X)	(X)	Roger D. Branigin.
Iowa.....	1,237	R-52.1	820	D-52.6	1,168	D-68.0	893	D-55.3	Harold E. Hughes.
Kans.....	923	R-56.0	639	R-53.4	850	R-50.9	693	D-54.8	Robert Docking.
Ky. <sup>3</sup> .....	853	D-60.6	(X)	(X)	886	D-50.7	(X)	(X)	Edward T. Breathitt, Jr.
La.....	507	D-80.5	(X)	(X)	773	D-60.7	(X)	(X)	John J. McKeithen.
Maine.....	<sup>4</sup> 417	<sup>4</sup> R-52.7	293	R-50.1	(X)	(X)	324	D-53.1	Kenneth M. Curtis.
Md.....	(X)	(X)	775	D-55.7	(X)	(X)	919	R-49.6	Spiro T. Agnew.
Mass.....	2,417	R-52.9	2,109	D-49.9	2,340	R-50.3	2,041	R-62.6	John A. Volpe.
Mich.....	3,256	D-50.6	2,765	R-51.4	3,158	R-55.9	2,462	R-60.5	George W. Romney.
Minn. <sup>5</sup> .....	1,550	R-50.6	1,247	D-49.7	(X)	(X)	1,295	R-52.6	Harold E. LeVander.
Miss. <sup>5</sup> .....	58	D-100.0	(X)	(X)	364	D-61.9	(X)	(X)	Paul B. Johnson.
Mo.....	1,887	D-58.0	(X)	(X)	1,790	D-62.1	(X)	(X)	Warren E. Hearnes.
Mont.....	280	R-55.1	(X)	(X)	281	R-51.3	(X)	(X)	Tim M. Babcock.
Nebr.....	599	D-52.3	465	D-52.2	578	D-60.0	486	R-61.5	Norbert T. Tiemann.
Nev.....	(X)	(X)	97	D-66.8	(X)	(X)	138	R-52.2	Paul Laxalt.
N.H.....	291	R-55.5	230	D-58.9	286	D-66.8	234	D-54.0	John W. King.
N.J. <sup>6</sup> .....	(X)	(X)	2,153	D-50.4	(X)	(X)	2,230	D-57.4	Richard J. Hughes.
N. Mex.....	306	R-52.0	247	D-53.0	318	D-60.2	260	R-51.7	David F. Cargo.
N.Y.....	(X)	(X)	5,805	R-53.1	(X)	(X)	6,032	R-44.6	Nelson A. Rockefeller.
N.C.....	1,350	D-54.4	(X)	(X)	1,397	D-56.6	(X)	(X)	Dan K. Moore.
N. Dak.....	275	D-49.4	229	D-50.4	263	D-55.7	(X)	(X)	William L. Guy.
Ohio.....	(X)	(X)	3,117	R-58.9	(X)	(X)	2,887	R-62.2	James A. Rhodes.
Okla.....	(X)	(X)	710	R-55.3	(X)	(X)	677	R-55.7	Dewey F. Bartlett.
Oreg.....	(X)	(X)	637	R-54.2	(X)	(X)	683	R-55.3	Tom McCall.
Pa.....	(X)	(X)	4,378	R-55.4	(X)	(X)	4,051	R-52.1	Raymond P. Shafer.
R.I.....	401	D-56.9	328	R-50.1	392	R-61.1	332	R-63.3	John H. Chafee.
S.C.....	(X)	(X)	254	D-100.0	(X)	(X)	440	D-58.2	Robert E. McNair.
S. Dak.....	305	R-50.7	256	R-56.1	291	R-51.7	228	R-57.7	Nils A. Boe.
Tenn.....	(X)	(X)	621	D-50.8	(X)	(X)	657	D-81.2	Buford Ellington.
Texas.....	2,251	D-72.8	1,569	D-54.0	2,545	D-73.8	1,426	D-72.8	John B. Connally.
Utah.....	371	R-52.7	(X)	(X)	398	D-57.0	(X)	(X)	Calvin L. Rampton.
Vt.....	165	R-56.4	121	D-50.6	164	D-64.9	136	D-57.7	Philip H. Hoff.
Va. <sup>6</sup> .....	(X)	(X)	394	D-63.8	(X)	(X)	563	D-47.9	Mills E. Godwin, Jr.
Wash.....	1,216	D-51.3	(X)	(X)	1,250	R-55.8	(X)	(X)	Daniel J. Evans.
W. Va.....	827	D-54.0	(X)	(X)	789	D-54.9	(X)	(X)	Hulett Smith.
Wis.....	1,728	D-51.6	1,266	D-50.4	1,695	R-50.6	1,170	R-53.5	Warren P. Knowles.
Wyo.....	(X)	(X)	119	R-54.5	(X)	(X)	121	R-54.3	Stanley K. Hathaway.

X Not applicable.

<sup>1</sup> Democratic candidate elected by State legislature in absence of majority in popular vote. Total vote includes only those write-ins officially canvassed.

<sup>2</sup> Election held in 1959 for 3-year term; 1962 for regular 4-year term.

<sup>3</sup> Voting years, 1959 and 1963.

<sup>4</sup> Election held to fill vacancy.

<sup>5</sup> Term of office increased from 2 to 4 years, effective with 1962 election.

<sup>6</sup> Voting years, 1961 and 1965.

Source: Governmental Affairs Institute, Washington, D.C.; *America Votes* (copyright), and unpublished data.

No. 530. COMPOSITION OF STATE LEGISLATURES, BY POLITICAL PARTY AFFILIATIONS:  
1962, 1964, AND 1966

[Dates shown refer to election years in most States, to odd-year elections a year previously in a few; figures reflect immediate results of elections, including holdover members in partial renewal situations. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators. In some States, legislature membership has been changed in recent years; data do not reflect special elections held in 1965 as a result of legislative reapportionment]

STATE	LOWER HOUSE						UPPER HOUSE					
	1962 <sup>1</sup>		1964 <sup>2</sup>		1966		1962 <sup>1</sup>		1964 <sup>3</sup>		1966	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Ala.-----	104	2	104	2	106	-	35	-	35	-	34	1
Alaska <sup>4</sup> ---	20	20	30	10	15	25	15	5	17	3	6	14
Ariz.-----	48	32	45	35	27	33	24	4	26	2	14	16
Ark. <sup>4</sup> -----	99	1	99	1	98	2	35	-	35	-	35	-
Calif. <sup>4</sup> -----	52	28	49	31	42	38	27	13	27	13	21	19
Colo. <sup>4</sup> -----	24	41	42	23	27	38	15	20	15	20	15	20
Conn.-----	110	184	111	183	117	60	23	13	23	13	25	11
Del. <sup>4</sup> -----	24	11	30	5	12	23	10	7	13	5	9	9
Fla. <sup>4</sup> -----	90	5	102	10	91	26	37	1	42	2	37	11
Ga.-----	203	2	198	7	183	22	52	2	44	9	46	57
Hawaii-----	40	11	39	12	39	12	15	10	16	9	15	10
Idaho.-----	29	34	36	43	31	39	21	23	19	25	12	23
Ill. <sup>4</sup> -----	87	90	118	59	78	99	23	35	25	33	21	37
Ind. <sup>4</sup> -----	44	56	78	22	34	66	24	26	35	15	29	21
Iowa <sup>4</sup> -----	29	79	101	23	35	89	12	38	34	25	31	28
Kans.-----	36	89	44	81	49	76	8	32	13	27	13	27
Ky. <sup>4</sup> -----	63	37	63	37	63	36	25	13	25	13	26	12
La.-----	101	-	103	2	103	2	39	-	39	-	39	-
Maine-----	41	110	81	70	56	95	5	29	29	5	9	25
Md.-----	117	25	117	25	118	24	22	7	22	7	35	8
Mass.-----	147	93	169	70	168	71	28	12	28	12	26	14
Mich.-----	52	58	72	38	55	55	11	23	23	15	18	20
Minn.-----	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Miss.-----	122	-	122	-	120	2	52	-	52	-	51	1
Mo. <sup>4</sup> -----	101	62	124	39	107	56	23	11	23	11	23	11
Mont. <sup>4</sup> -----	37	57	56	38	40	64	35	21	32	24	30	25
Nebr. <sup>6</sup> -----	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Nev. <sup>4</sup> -----	25	12	25	12	21	19	8	9	8	8	11	9
N.H.-----	146	254	176½	223½	156	244	5	19	9	15	10	14
N.J. <sup>4</sup> -----	27	33	27	33	41	19	6	15	6	15	19	10
N. Mex.-----	55	11	59	18	46	24	28	4	28	4	25	17
N.Y.-----	65	85	88	62	80	70	25	33	33	25	26	31
N.C.-----	99	21	106	14	94	26	48	2	49	1	43	7
N.Dak. <sup>4</sup> -----	43	70	65	44	16	82	11	38	20	29	5	44
Ohio <sup>4</sup> -----	49	88	62	75	37	62	13	20	16	16	10	23
Okla. <sup>4</sup> -----	95	25	78	21	74	25	38	6	41	7	38	10
Oreg. <sup>4</sup> -----	31	29	28	32	22	38	21	9	19	11	19	11
Pa. <sup>4</sup> -----	101	109	116	93	99	104	23	27	23	27	23	27
R.I.-----	75	25	76	24	68	32	27	19	30	15	35	15
S.C. <sup>4</sup> -----	124	-	124	-	107	17	46	-	46	-	44	6
S. Dak.-----	17	58	30	45	12	63	9	26	16	18	6	29
Tenn.-----	78	21	75	24	59	39	27	6	25	8	25	8
Tex. <sup>4</sup> -----	143	7	149	1	147	3	31	-	31	-	30	1
Utah <sup>4</sup> -----	30	34	39	30	10	59	12	13	15	12	7	21
Vt.-----	45	189	50	192	48	102	9	21	13	17	8	22
Va.-----	89	11	89	11	88	11	37	3	37	3	36	4
Wash. <sup>4</sup> -----	51	48	60	39	44	55	32	17	32	17	29	20
W. Va. <sup>4</sup> -----	76	24	91	9	65	35	23	9	27	7	25	9
Wis. <sup>4</sup> -----	47	53	52	48	47	53	11	22	13	20	12	21
Wyo. <sup>4</sup> -----	19	37	34	27	27	34	11	16	12	13	12	18

- Represents zero. X Not applicable.

<sup>1</sup> For Vermont, data exclude 12 Independents.

<sup>2</sup> For Vermont, data exclude 4 Independents; Massachusetts, 1 Independent; and New Hampshire, 1 seat divided with a half-vote assigned to each of 2 members.

<sup>3</sup> For Georgia, Nevada, and South Dakota, data exclude 1 Independent each; and Rhode Island, 1 Republican Independent.

<sup>4</sup> Upper House members serve 4-year terms, some elected every 2 years.

<sup>5</sup> Independent.

<sup>6</sup> Single chamber (unicameral body) of 43 members serving on nonpartisan basis (2-year terms).

Source: Governmental Affairs Institute, Washington, D.C.; *America Votes* (copyright), and unpublished data.



### No. 531. DEMOCRATIC PRIMARY ELECTIONS HELD IN SELECTED SOUTHERN STATES: 1964 AND 1966

[Vote in thousands. A primary election is one in which the voters of a political party nominate candidates to run for public office in a general election. Because of the historic supremacy of the Democratic Party in parts of the South, votes cast in the Democratic primary elections for Senator or Governor are sometimes a better measure of voter participation than those cast in the general elections]

STATE	1964		1966		STATE	1964		1966	
	Office	Vote cast	Office	Vote cast		Office	Vote cast	Office	Vote cast
Alabama-----	( <sup>1</sup> )	( <sup>1</sup> )	Governor <sup>2</sup>	889	South Caro-				
Arkansas-----	Governor	365	Governor <sup>2</sup>	420	lina-----	( <sup>1</sup> )	( <sup>1</sup> )	Senator <sup>2</sup>	323
Florida-----	Governor <sup>2</sup>	1,136	Governor <sup>3</sup>	1,106	Tennessee-----	Senator-----	650	Governor-----	774
Georgia-----	( <sup>1</sup> )	( <sup>1</sup> )	Governor <sup>3</sup>	816	Texas-----	Governor-----	1,630	Governor <sup>2</sup>	1,255
Louisiana-----	Governor <sup>3</sup>	944	Senator <sup>2</sup>	667	Virginia-----	( <sup>1</sup> )	( <sup>1</sup> )	Senator <sup>2</sup>	434
Mississippi-----	Senator-----	178	Senator <sup>2</sup>	289					
North Caro-									
lina-----	Governor <sup>3</sup>	774	Senator <sup>2</sup>	562					

<sup>1</sup> No contested Democratic primary for Senator or Governor this year in this State.

<sup>2</sup> First primary.

<sup>3</sup> Second primary.

Source: Governmental Affairs Institute, Washington, D.C.; unpublished data.

### No. 532. VOTING-AGE POPULATION AND VOTE CAST FOR PRESIDENTIAL ELECTORS AND UNITED STATES REPRESENTATIVES: 1920 TO 1966

[Numbers in thousands. As of November 1. Population 21 years old and over, except as noted; includes aliens. Prior to 1953, excludes Alaska and Hawaii]

YEAR	Esti- mated civilian popula- tion of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR U.S. REPRESENT- ATIVES		YEAR	Esti- mated civilian popula- tion of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR U.S. REPRESENT- ATIVES	
		Num- ber	Per- cent of civilians of voting age	Num- ber	Per- cent of civilians of voting age			Num- ber	Per- cent of civilians of voting age	Num- ber	Per- cent of civilians of voting age
1920-----	61,495	26,748	43.5	25,080	40.8	1944-----	<sup>2</sup> 90,599	<sup>2</sup> 47,969	<sup>2</sup> 52.9	45,103	49.8
1922-----	63,598	(X)	(X)	20,409	32.1	1946-----	92,018	(X)	(X)	34,398	37.4
1924-----	66,195	29,086	43.9	26,884	40.6	1948-----	94,877	48,691	51.3	45,933	48.4
1926-----	68,550	(X)	(X)	20,435	29.8	1950-----	97,058	(X)	(X)	40,342	41.6
1928-----	70,993	36,812	51.9	33,906	47.8	1952-----	98,279	61,551	62.6	57,571	58.6
1930-----	73,521	(X)	(X)	24,777	33.7	1954-----	100,475	(X)	(X)	42,580	42.4
1932-----	75,671	39,732	52.5	37,657	49.8	1956-----	103,166	62,027	60.1	58,426	56.6
1934-----	77,898	(X)	(X)	32,256	41.4	1958 <sup>3</sup> -----	105,455	(X)	(X)	45,818	43.4
1936-----	80,055	45,643	57.0	42,886	53.6	1960-----	107,597	68,839	64.0	64,133	59.6
1938-----	82,225	(X)	(X)	36,236	44.1	1962-----	109,687	(X)	(X)	51,261	46.7
1940-----	84,319	49,891	59.2	46,951	55.7	1964-----	112,184	70,645	63.0	65,886	58.7
1942-----	82,851	(X)	(X)	28,074	33.9	1966-----	114,377	(X)	(X)	52,902	46.3

X Not applicable.

<sup>1</sup> Population 18 years and over in Georgia since 1944; 18 years and over in Kentucky since 1956; 19 years and over in Alaska; 20 years and over in Hawaii.

<sup>2</sup> Total population including Armed Forces abroad. Civilian population was 81,024,000; vote cast by civilians, 45,285,000; and percent of voting age, 55.9.

<sup>3</sup> Includes Alaska, which voted for a Representative in November 1958 although it did not achieve statehood until January 1959. Also includes the estimated 1959 population of voting age for Hawaii and the vote cast in the July 1959 election.

Source: Dept. of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 315, 325, and 342; U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*; and Governmental Affairs Institute, Washington, D.C., *America Votes* (copyright).

**No. 533. CIVILIAN RESIDENT POPULATION OF VOTING AGE, 1940 TO 1964, AND PROJECTIONS, 1968, BY STATES**

[In thousands. As of November 1. Population 21 years old and over, except as noted; includes aliens; prior to 1960, excludes Alaska and Hawaii]

STATE	1940	1944	1948	1952	1956	1960		1964	1968
						Total	Negro		
<b>U.S.</b>	<b>84,319</b>	<b>81,024</b>	<b>94,877</b>	<b>98,279</b>	<b>103,166</b>	<b>107,597</b>	<b>9,972</b>	<b>112,184</b>	<b>118,501</b>
Ala.	1,571	1,492	1,698	1,742	1,760	1,828	480	1,905	2,014
Alaska <sup>1</sup>	(X)	(X)	(X)	(X)	(X)	103	4	106	121
Ariz.	289	316	404	481	573	741	23	846	988
Ark.	1,110	966	1,070	1,081	1,023	1,041	191	1,111	1,182
Calif.	4,894	5,597	6,856	7,591	8,593	9,583	488	10,665	11,770
Colo.	719	663	804	843	975	1,027	22	1,090	1,185
Conn.	1,162	1,185	1,394	1,385	1,464	1,587	59	1,697	1,806
Del.	179	182	209	219	248	263	33	279	301
Dist. of Col.	503	600	610	572	525	501	237	494	504
Fla.	1,229	1,327	1,679	1,975	2,460	3,086	464	3,404	3,853
Ga. <sup>2</sup>	1,767	1,797	2,059	2,191	2,261	2,354	588	2,537	2,725
Hawaii <sup>3</sup>	(X)	(X)	(X)	(X)	(X)	313	2	338	377
Idaho	313	273	331	338	353	373	1	378	401
Ill.	5,400	5,081	5,873	5,927	6,046	6,220	572	6,344	6,541
Ind.	2,245	2,192	2,547	2,641	2,761	2,776	147	2,825	2,943
Iowa	1,644	1,460	1,661	1,683	1,693	1,658	14	1,635	1,654
Kansas	1,155	1,073	1,235	1,250	1,294	1,294	50	1,294	1,316
Ky. <sup>4</sup>	1,645	1,454	1,660	1,687	1,799	1,859	131	1,932	2,020
La.	1,382	1,327	1,541	1,639	1,704	1,790	507	1,873	2,003
Maine	535	489	558	565	562	570	2	565	584
Md.	1,193	1,280	1,472	1,542	1,717	1,810	274	1,959	2,117
Mass.	2,926	2,754	3,209	3,079	3,113	3,212	63	3,237	3,352
Mich.	3,423	3,461	4,041	4,193	4,538	4,564	393	4,655	4,844
Minn.	1,801	1,603	1,858	1,917	1,986	2,001	12	2,017	2,096
Miss.	1,198	1,074	1,156	1,189	1,146	1,162	417	1,214	1,289
Mo.	2,512	2,281	2,590	2,633	2,712	2,665	216	2,703	2,744
Mont.	356	293	344	367	384	387	1	388	406
Nebr.	839	742	824	835	863	851	16	855	881
Nev.	77	87	106	115	154	176	7	243	280
N. H.	326	294	346	348	356	369	1	392	414
N. J.	2,853	2,769	3,309	3,418	3,613	3,860	295	4,092	4,365
N. Mex.	285	258	329	393	427	482	9	500	548
N. Y.	9,355	8,519	10,210	10,492	10,786	10,897	861	11,247	11,761
N. C.	1,937	1,833	2,162	2,302	2,429	2,528	529	2,678	2,833
N. Dak.	373	310	346	360	361	352	1	352	361
Ohio	4,613	4,538	5,281	5,310	5,720	5,837	441	5,962	6,227
Okla.	1,366	1,150	1,288	1,328	1,356	1,404	81	1,458	1,519
Oreg.	747	804	941	1,034	1,084	1,072	10	1,129	1,191
Pa.	6,375	5,921	6,874	6,941	6,991	7,085	490	7,071	7,228
R. I.	477	458	528	510	528	524	9	532	545
S. C.	992	942	1,069	1,164	1,199	1,230	360	1,310	1,396
S. Dak.	388	328	377	394	401	389	1	389	403
Tenn.	1,727	1,648	1,940	2,001	2,037	2,086	311	2,212	2,341
Texas	3,869	3,766	4,665	4,930	5,170	5,452	629	5,780	6,153
Utah	310	326	372	406	445	475	2	506	559
Vt.	230	197	229	233	228	230	(Z)	232	244
Va.	1,584	1,626	1,901	1,964	2,093	2,241	419	2,416	2,559
Wash.	1,188	1,306	1,480	1,540	1,631	1,676	26	1,704	1,798
W. Va.	1,075	966	1,115	1,156	1,109	1,076	48	1,064	1,074
Wis.	2,030	1,881	2,165	2,204	2,310	2,352	37	2,386	2,484
Wyo.	153	134	164	173	183	189	1	188	199

X Not applicable. Z Less than 500.

<sup>1</sup> Population 19 years old and over.

<sup>2</sup> Beginning 1944, population 18 years old and over.

<sup>3</sup> Population 20 years old and over.

<sup>4</sup> Beginning 1956, population 18 years old and over.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 342, and unpublished data.

**No. 534. PERCENT OF POPULATION CASTING VOTES, 1960 TO 1966, AND VOTING UNITS, 1964**

[As of November 1, except as noted. Civilian population 21 years old and over, except as noted; includes aliens]

STATE	1960, PERCENT CASTING VOIES FOR—		1962, percent casting votes for U.S. Rep- resent- atives	1964			1966, percent casting votes for U.S. Rep- resenta- tives
	Presi- dential electors	U.S. Rep- resent- atives		Percent casting votes for—		Voting units <sup>1</sup> (number)	
				Presi- dential electors	U.S. Rep- resent- atives		
U.S. <sup>2</sup> .....	64.0	59.6	46.7	63.0	58.7	175,756	46.8
Alabama.....	31.2	23.9	24.1	36.2	32.4	3,672	35.9
Alaska <sup>3</sup> .....	59.2	57.5	56.2	63.3	63.2	356	56.0
Arizona.....	53.8	50.8	43.4	56.8	54.5	741	41.4
Arkansas <sup>4</sup> .....	41.1	6.7	16.9	50.4	11.7	2,543	25.8
California.....	67.9	64.6	54.8	66.2	64.0	31,498	56.8
Colorado.....	71.7	69.6	55.8	71.3	69.5	1,966	57.5
Connecticut.....	77.1	76.8	63.4	71.8	71.3	600	57.6
Delaware.....	74.5	74.0	57.0	72.1	71.2	356	56.8
Dist. of Col.....	(X)	(X)	(X)	40.2	(X)	91	(X)
Florida.....	50.0	40.4	28.6	54.5	41.6	2,279	29.5
Georgia <sup>5</sup> .....	31.2	24.4	13.6	44.9	32.6	1,857	32.0
Hawaii <sup>6</sup> .....	58.9	58.3	58.9	61.3	68.0	242	57.5
Idaho.....	80.6	77.9	67.2	77.5	75.4	890	64.5
Illinois.....	76.5	74.0	57.6	74.1	72.1	10,329	58.5
Indiana.....	76.9	76.4	64.5	74.0	73.4	4,416	58.7
Iowa.....	76.8	74.0	49.0	74.9	69.8	2,476	54.2
Kansas.....	71.8	67.3	48.4	66.3	62.9	2,927	50.3
Kentucky <sup>5</sup> .....	60.5	49.1	33.4	54.1	49.4	2,994	34.2
Louisiana.....	45.1	29.0	19.1	47.9	32.1	2,224	28.3
Maine.....	74.0	71.7	50.3	67.4	65.4	628	55.6
Maryland.....	58.3	54.2	38.5	57.0	51.7	1,463	37.6
Massachusetts.....	76.9	70.3	61.3	72.4	65.1	2,024	55.7
Michigan.....	72.7	70.4	58.8	68.8	65.7	5,211	49.7
Minnesota.....	77.1	75.7	60.0	77.1	75.4	3,800	59.8
Mississippi.....	25.7	22.2	13.5	33.7	29.8	1,878	31.1
Missouri.....	72.6	69.2	45.6	67.2	65.8	4,414	38.5
Montana.....	71.7	70.3	64.1	71.9	71.3	1,065	66.5
Nebraska.....	72.1	68.2	51.9	68.4	65.7	2,158	55.8
Nevada.....	61.0	58.9	44.4	55.8	53.8	634	49.0
New Hampshire.....	80.2	77.2	58.4	72.9	71.2	302	56.6
New Jersey.....	71.8	68.9	49.5	69.6	66.5	4,603	49.9
New Mexico.....	64.5	62.5	55.2	65.6	69.9	1,049	52.5
New York.....	66.9	64.4	50.1	63.7	60.1	12,439	48.3
North Carolina.....	54.1	51.5	31.5	53.2	48.7	2,164	33.1
North Dakota.....	79.1	72.8	62.4	73.4	70.8	2,255	56.1
Ohio.....	71.3	65.9	51.1	66.6	62.6	13,485	46.5
Oklahoma.....	64.3	59.7	43.2	64.0	57.6	3,085	43.5
Oregon.....	72.4	71.1	57.7	69.7	68.0	3,255	56.4
Pennsylvania.....	70.7	69.9	62.2	68.2	64.0	9,286	55.8
Rhode Island.....	77.3	74.8	60.8	73.4	70.2	469	60.2
South Carolina.....	31.4	26.7	20.7	40.1	33.5	1,611	27.0
South Dakota.....	78.8	77.4	64.1	75.4	74.0	1,771	59.6
Tennessee.....	50.4	30.8	28.2	51.7	46.8	2,742	35.2
Texas.....	42.4	37.4	26.6	45.4	45.3	5,525	21.1
Utah.....	78.9	77.8	63.6	79.2	78.3	1,223	58.4
Vermont.....	72.9	72.3	52.7	70.4	70.5	246	57.5
Virginia.....	34.4	28.6	19.3	43.1	38.4	2,016	27.5
Washington.....	74.1	67.1	52.1	73.8	70.2	5,659	54.7
West Virginia.....	77.9	76.3	58.0	74.5	72.4	2,668	46.8
Wisconsin.....	73.5	70.7	52.9	70.9	69.1	3,550	48.0
Wyoming.....	73.9	71.0	62.6	76.1	74.2	621	65.4

X Not applicable. <sup>1</sup> As of Nov. 3. Source: Network Election Service, New York, N.Y.

<sup>2</sup> Includes District of Columbia. <sup>3</sup> Population 19 years old and over.

<sup>4</sup> According to Arkansas law, it is not required to tabulate votes for unopposed candidates.

<sup>5</sup> Population 18 years old and over. <sup>6</sup> Population 20 years old and over.

Source: Except as noted, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 342, and unpublished data. Based on votes cast as presented in U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election and Statistics of the Congressional Election*.



No. 535. PARTICIPATION IN NATIONAL ELECTION, BY SEX, COLOR, AND REGION:  
1964 AND 1966

[Persons in thousands. As of November. Covers civilian noninstitutional population 18 years old and over in Georgia and Kentucky, 19 and over in Alaska, 20 and over in Hawaii, and 21 and over elsewhere. Includes aliens. Based on sample; see text, p. 1. Excludes persons who did not report whether or not they had voted or registered]

CHARACTERISTIC	1964			1966				
	Persons of voting age	Percent		Persons of voting age	Percent voted		Percent did not vote	
		Voted	Did not vote		Total	For Congressman	Total	Registered
Total.....	110,604	69.3	29.8	112,903	55.4	51.0	41.6	14.2
Sex:								
Male.....	52,123	71.9	27.0	52,849	58.1	52.7	38.1	13.1
Female.....	58,482	67.0	32.2	60,055	53.0	49.6	44.7	15.2
Color:								
White.....	99,353	70.7	28.5	101,291	57.0	52.9	40.2	14.1
Nonwhite.....	11,251	57.5	41.3	11,611	41.0	34.7	53.4	15.8
Negro.....	10,340	58.5	40.3	10,545	41.7	35.1	52.6	16.7
Region: <sup>1</sup>								
North and West.....	78,174	74.6	24.5	(NA)	60.9	56.6	35.9	12.3
South.....	32,429	56.7	42.4	(NA)	43.0	38.2	54.4	18.5

NA Not available. <sup>1</sup> For composition, see fig. I, p. xii.  
Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 143 and 160, and unpublished data.

No. 536. PARTICIPATION IN NATIONAL ELECTION, BY POPULATION CHARACTERISTICS:  
1964

[Persons in thousands. As of November. See headnote, table 535]

CHARACTERISTIC	Persons of voting age	PERCENT		CHARACTERISTIC	Persons of voting age	PERCENT	
		Voted	Did not vote			Voted	Did not vote
Total.....	110,604	69.3	29.8	Employment status:			
Age: <sup>1</sup>				Employed.....	64,423	73.0	26.1
18 to 20 years.....	296	39.2	59.5	Agriculture.....	3,929	63.1	36.3
21 to 24 years.....	9,623	51.3	47.0	Nonagricultural industries.....	60,494	73.6	25.5
25 to 44 years.....	45,296	68.7	30.5	Unemployed.....	2,503	58.0	40.6
45 to 64 years.....	38,121	75.9	23.2	Not in labor force.....	43,677	64.6	34.6
65 years and over.....	17,269	64.0	35.2	Family income: <sup>3</sup>			
Residence:				Under \$2,000.....	9,160	49.6	49.6
Metropolitan.....	72,202	70.8	28.2	\$2,000 to \$2,999.....	7,652	57.6	41.3
Nonmetropolitan.....	38,402	66.5	32.7	\$3,000 to \$4,999.....	18,039	62.7	36.7
Education: <sup>2</sup>				\$5,000 to \$7,499.....	25,319	72.4	27.1
8 years or less.....	31,082	59.1	40.2	\$7,500 to \$9,999.....	14,654	78.3	21.2
9 to 11 years.....	19,359	65.4	33.9	\$10,000 and over.....	15,971	84.9	14.8
12 years.....	34,872	76.1	23.4	Not reported.....	8,059	70.7	26.7
More than 12 years.....	20,697	84.8	14.5				
Not reported.....	4,298	34.1	58.6				

<sup>1</sup> As applicable for States specified in headnote to table 535.  
<sup>2</sup> Covers persons 21 years old and over only.  
<sup>3</sup> Covers persons 21 years old and over in primary families; see text, p. 3. Income for preceding 12 months.  
Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 143.

No. 537. EXPENDITURES FOR POLITICAL BROADCASTS, BY MEDIUM AND PARTY—  
ELECTIONS OF 1956, 1960, AND 1964

[In thousands of dollars. Represents media charges before commissions and after discounts]

MEDIUM AND PARTY	GENERAL ELECTION		ELECTIONS, 1964		
	1956 <sup>1</sup>	1960	Total	General	Primary
Total.....	9,818	14,195	34,611	24,605	10,006
Republican.....	5,382	7,559	15,917	13,033	2,884
Democratic.....	4,120	6,205	17,841	11,013	6,828
Other <sup>2</sup> .....	316	431	853	559	294
Television.....	6,635	10,052	23,777	17,496	6,281
Republican.....	3,737	5,431	11,373	9,431	1,942
Democratic.....	2,746	4,415	11,912	7,715	4,197
Other <sup>2</sup> .....	152	206	492	350	142
Radio.....	3,183	4,143	10,834	7,108	3,726
Republican.....	1,645	2,128	4,543	3,601	942
Democratic.....	1,374	1,790	5,930	3,298	2,632
Other <sup>2</sup> .....	164	225	361	209	152

<sup>1</sup> Excludes Alaska and Hawaii.  
<sup>2</sup> Third party and nonpartisan candidates.  
Source: U.S. Congress, Clerk of the House, *1956 General Election Campaigns* (85th Congress, 1st session); and Federal Communications Commission; *Survey of Political Broadcasting*, April 1961 and July 1965.

## Section 14

### Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover the essential apparatus of public financing, namely appropriations, taxes, receipts, expenditures, and debt. The personnel data relate to civil staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status.

Principal sources of the fiscal data are *The Budget of the United States Government*, published annually by the Bureau of the Budget, and the Treasury Department's annual *Combined Statement of Receipts, Expenditures, and Balances*, the official report relating to the receipts, appropriations, expenditures, and fund accounts. The *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields.

The day-to-day cash operations of the Federal Government clearing through the accounts of the Treasurer of the United States are reported in the *Daily Statement of the United States Treasury*. The issue for the last day of the month contains information as to the public debt receipts and expenditures for the month and the outstanding public debt as of that day.

Receipts and expenditures of the Government classified as to administrative budget and other transactions and showing the budget surplus or deficit appear in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and business-type enterprises. Another special aspect of Federal finances is presented in the Treasury Department's monthly *Circulation Statement of United States Money*.

Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax, by internal revenue regions and districts, and by States. The agency's three annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, and business tax returns, respectively. The report on business tax returns presents financial data for sole proprietorships and partnerships along with summary statistics for corporations. Periodic *Statistics of Income* publications present data from fiduciary income tax, estate tax, and gift tax returns, and also data on such topics as sales of capital assets by individuals, foreign income and tax reported by corporations, depletion and related expenditures, and estate tax wealth.

Federal employment and payroll figures are compiled primarily by the Civil Service Commission and published in its regular *Annual Report* and its *Monthly Report of Federal Employment*. The Commission also publishes annual reports on the pay of Federal employees entitled *Pay Structure of the Federal Civil Service* and on occupations of both white-collar and blue-collar Federal workers. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review*.

**Major budget concepts.**—Data on Government financial transactions are used for so many purposes that no single budgetary system is wholly adequate for complete analysis of the effect of Federal fiscal operations on the level and composition of economic activity. For this reason, several concepts of budget totals have been developed, among which the major ones are the administrative budget, the consolidated cash statement of Federal transactions, and the Federal sector of the national income and product accounts.



The *administrative budget* covers receipts and expenditures of government-owned funds, of which there are four types. (1) General fund accounts are credited with all receipts not earmarked by law for a specific purpose and are charged with expenditures from the amounts appropriated by the Congress for the general support of the Government. (2) Special fund accounts are credited with receipts from specific sources as authorized by law but not generated from a cycle of operations and may be expended only for the particular purposes specified by law. (3) Public enterprise (revolving) funds finance a cycle of operations in which expenditures generate receipts, primarily from the public. (4) Intragovernmental revolving and management funds facilitate financing operations within and between Government agencies. For many years, the administrative budget accounts served as the principal basis for reporting the affairs of Government and so long as Federally owned funds provided the bulk of financial support for governmental programs, it provided adequate coverage of Federal financial transactions.

The administrative budget does not include trust funds, which consist of money held in trust by the Government for use in carrying out specific purposes or programs in accordance with the terms of a trust agreement or statute, nor does it include deposit fund accounts consisting of funds held by the Government in suspense or as banker or agent pending appropriate disposition. In recent years, trust fund operations have grown so rapidly that the flow of financial transactions between the Federal Government and the public is considerably larger than indicated by the administrative budget.

The *consolidated cash statement* of Federal receipts and payments is more comprehensive than the administrative budget. It covers not only funds wholly owned by the Federal Government but also the financial transactions of Federal trust funds, the largest of which are the social security and highway trust funds, and the transactions of five Government-sponsored enterprises (the Federal Deposit Insurance Corporation; the Federal intermediate credit, land, and home loan banks; and banks for cooperatives).

The Federal sector of the *national income and product accounts* provides a measure of the direct impact of Federal fiscal activity on the Nation's economy. Like the consolidated cash statement, this account includes most trust fund transactions. In contrast to both the administrative budget and the consolidated cash statement, however, it records only those receipts and expenditures which directly affect the current flow of income and output. Therefore, it excludes such capital or financial transactions as loans, mortgages, and the purchase or sale of existing assets, which represent neither the production of current output nor incomes earned in production. Also, whereas the cash and administrative budgets count business tax receipts as they are collected and generally count expenditures at the time of payment, the Federal sector account records some taxes as they accrue and records purchases when delivery is made.

The Federal sector account is especially suited for an analysis of fiscal policy; it was designed to complement the data on private expenditures and incomes contained in the national income accounts. The consolidated cash statement is generally more useful than the national income accounts for purposes of analyzing the Federal impact on financial markets since the actual flow of cash payments to the Government may be more significant for such purposes than the accrual of tax liabilities.

**Treasury receipts and expenditures.**—All receipts of the Government, with a few exceptions, are deposited to the credit of the Treasurer of the United States, regardless of their ultimate disposition or availability for expenditure. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.



Receipts such as taxes, customs duties, trust receipts, etc., and miscellaneous budget receipts, which are collected by Government agencies, and expenditures represented by checks issued and cash payments made by disbursing officers are reported in the *Monthly Statement of Receipts and Expenditures of the United States Government* and in the annual *Combined Statement of Receipts, Expenditures, and Balances*. These monthly and annual reports include deposits and collections in, and payments from, cash accounts of Government agencies held outside the Treasury as well as those of the general account of the Treasurer of the United States.

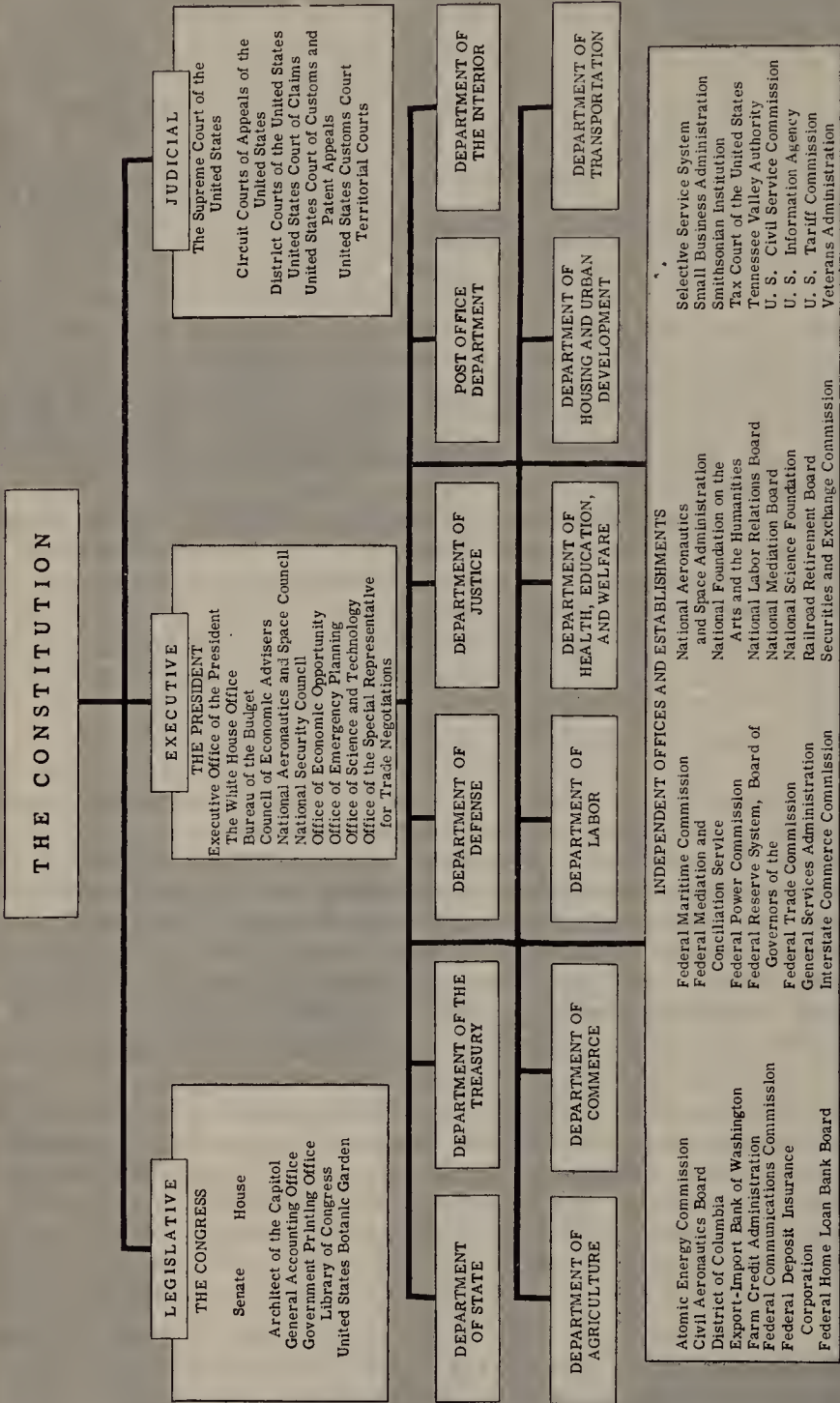
**Public and private debt.**—These data appear annually in the May or July issue of the monthly *Survey of Current Business* of the Department of Commerce. Net public and private debt outstanding is a comprehensive aggregate of indebtedness of borrowers after elimination of certain duplicating governmental and corporate debt. This measure of indebtedness provides a more significant indication of trends in debt structure than does gross debt, since effects of nominal changes in financial practices and organization are largely removed. To obtain net figures, gross or total debt is adjusted for specific types of duplications pertaining to the following: (1) Federal Government and its corporations and agencies generally; (2) State and local governments; and (3) within the private area, those affiliated corporations which operate under a single management. In the noncorporate private area, data are gross throughout with no adjustments for duplications.

**Employment and payrolls.**—The Civil Service Commission collects employment and payroll data from all departments and agencies of the Federal Government but not from the District of Columbia Government. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Intermittent workers are counted if they performed any service during the report month. Employment totals exclude persons serving without compensation, persons on leave without pay for scheduled periods longer than 30 days, persons in leave status after reduction-in-force, and persons hired informally "on the spot" without formal appointment procedures to cope with fire, flood, or other extreme emergencies.

Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap consecutive months. Monthly payroll totals fluctuate in amount because the number of work days in each month varies from 20 to 23 days. Holidays may be disregarded since Federal employees are paid for the eight national holidays on which they do not work.

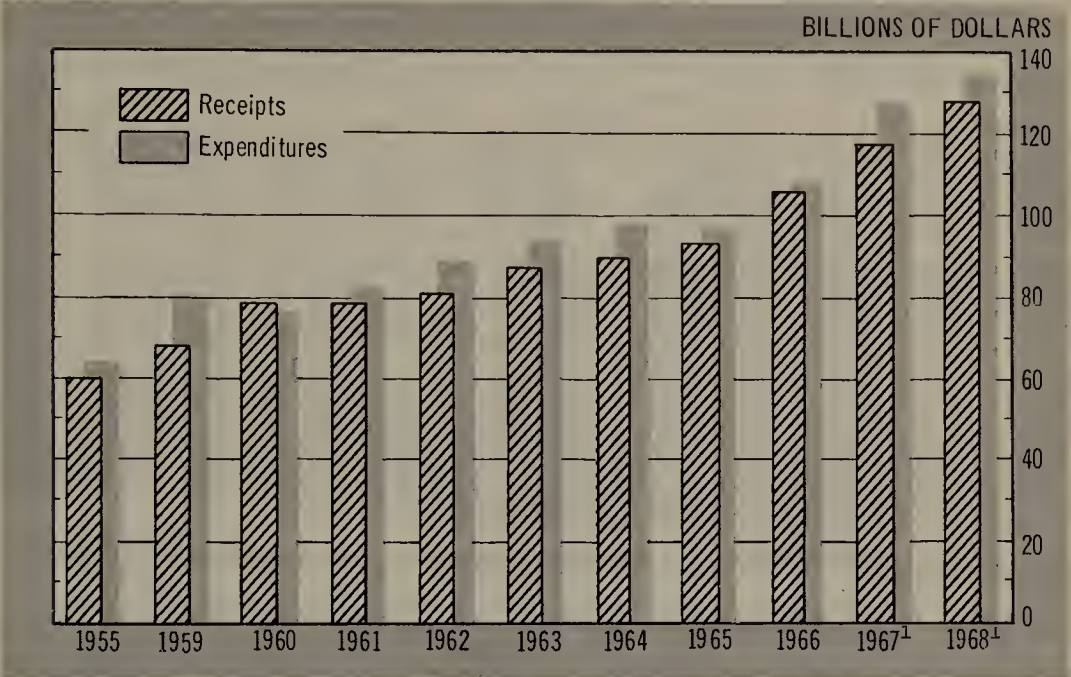
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXIII. THE GOVERNMENT OF THE UNITED STATES  
[As of June 1, 1967. Only the more important agencies are shown. See table 571]



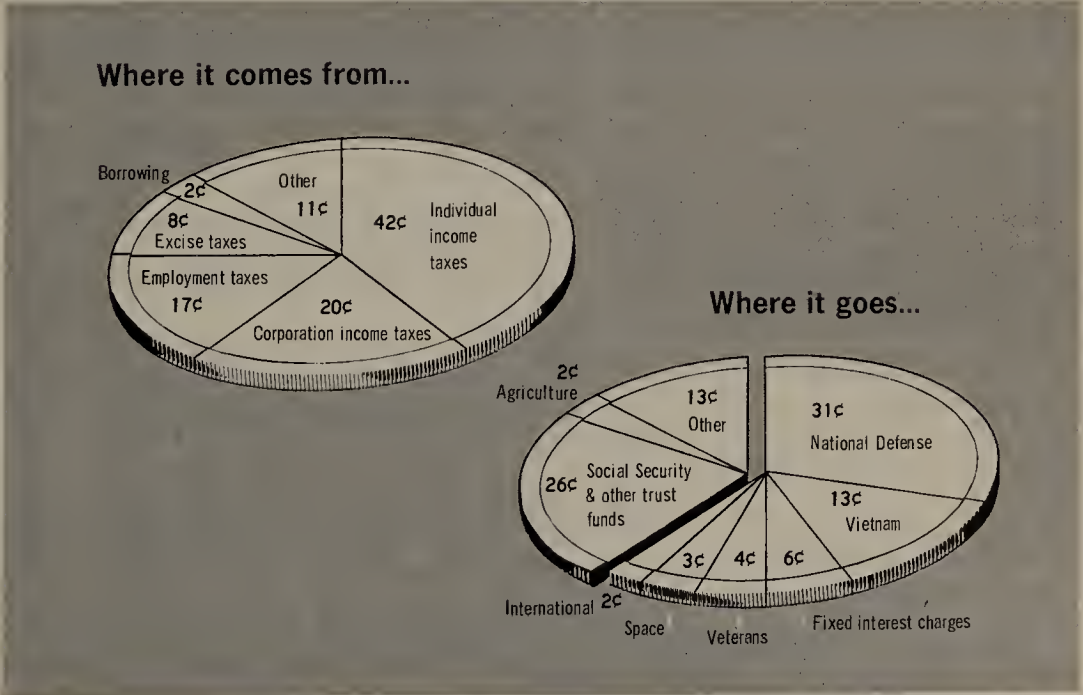
Source: General Services Administration, National Archives and Records Service.

FIG. XXIV. FEDERAL ADMINISTRATIVE BUDGET TOTALS: 1955 TO 1968  
[For years ending June 30. See table 538]



<sup>1</sup> Estimated.  
Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Executive Office of the President, Bureau of the Budget.

FIG. XXV. THE FEDERAL GOVERNMENT DOLLAR: 1968  
[For year ending June 30. Based on estimated Federal administrative budget and trust fund receipts and expenditures. See table 546]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Executive Office of the President, Bureau of the Budget.



# No. 538. FEDERAL ADMINISTRATIVE BUDGET TOTALS AND THE PUBLIC DEBT: 1940 TO 1968

[In millions of dollars, except per capita. For years ending June 30. Certain interfund transactions excluded from receipts and expenditures. See also *Historical Statistics, Colonial Times to 1957*, series Y 254-257]

YEAR	Re- ceipts	Ex- pendi- tures	Surplus (+) or defi- cit (-)	PUBLIC DEBT <sup>1</sup>		YEAR	Re- ceipts	Ex- pendi- tures	Surplus (+) or defi- cit (-)	PUBLIC DEBT <sup>1</sup>	
				Total	Per capita <sup>2</sup>					Total	Per capita <sup>2</sup>
1940-----	5,137	9,055	-3,918	48,497	\$366	1955-----	60,209	64,389	-4,180	274,418	\$1,654
1942-----	12,547	34,037	-21,490	76,991	569	1956-----	67,850	66,224	+1,626	272,825	1,615
1943-----	21,947	79,368	-57,420	140,796	1,026	1957-----	70,562	68,966	+1,596	270,634	1,574
1944-----	43,563	94,986	-51,423	202,626	1,459	1958-----	68,550	71,369	-2,819	276,444	1,581
1945-----	44,362	98,303	-53,941	259,115	1,845	1959-----	67,915	80,342	-12,427	284,817	1,602
1946-----	39,650	60,326	-20,676	269,898	1,902	1960-----	77,763	76,539	+1,224	286,471	1,585
1947-----	39,677	38,923	+754	258,376	1,786	1961-----	77,659	81,515	-3,856	289,211	1,574
1948-----	41,375	32,955	+8,419	252,366	1,714	1962-----	81,409	87,787	-6,378	298,645	1,600
1949-----	37,663	39,474	-1,811	252,798	1,688	1963-----	86,376	92,642	-6,266	306,466	1,618
1950-----	36,422	39,544	-3,122	257,377	1,690	1964-----	89,459	97,684	-8,226	312,526	1,627
1951-----	47,480	43,970	+3,510	255,251	1,648	1965-----	93,072	96,507	-3,435	317,864	1,634
1952-----	61,287	65,303	-4,017	259,151	1,645	1966-----	104,727	106,978	-2,251	320,369	1,628
1953-----	64,671	74,120	-9,449	266,123	1,661	1967 est.	116,995	126,729	-9,734	327,300	1,643
1954-----	64,422	67,537	-3,117	271,341	1,664	1968 est.	126,937	135,033	-8,096	335,400	1,662

<sup>1</sup> Includes Government enterprise debt guaranteed by the U.S. Treasury. Change in public debt from year to year reflects not only the budget surplus or deficit but also changes in the Government's cash on hand, and the use of corporate debt and investment transactions by certain Government enterprises.

<sup>2</sup> Based on Bureau of the Census estimated population as of July 1.

Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*, and unpublished data.

# No. 539. FEDERAL TRUST FUND RECEIPTS AND EXPENDITURES, BY MAJOR FUND: 1961 TO 1968

[In millions of dollars. For years ending June 30. Receipts based on collections received and deposited, including U.S. Government securities received in lieu of cash and contributions to the trust funds from the general fund; excludes conversion of U.S. Government securities on hand into cash. Expenditures stated on a checks-issued basis, less refunds collected; excludes net investments in U.S. Government securities]

DESCRIPTION	1961	1962	1963	1964	1965	1966	1967 est.	1968 est.
<b>Total trust fund receipts-----</b>	<b>23,582</b>	<b>24,290</b>	<b>27,689</b>	<b>30,331</b>	<b>31,047</b>	<b>34,853</b>	<b>44,898</b>	<b>48,142</b>
Federal OASI trust fund-----	11,824	12,011	13,856	16,043	16,417	18,461	23,043	24,399
Federal disability insurance trust fund-----	1,083	1,092	1,145	1,211	1,241	1,616	2,308	2,407
Federal hospital insurance trust fund-----	(X)	(X)	(X)	(X)	(X)	916	3,072	3,736
Federal supplementary medical insurance trust fund-----	(X)	(X)	(X)	(X)	(X)	(X)	1,256	1,329
Unemployment trust fund-----	3,803	3,985	4,261	4,288	4,132	4,126	4,146	4,235
Railroad retirement accounts <sup>1</sup> -----	1,051	1,081	1,128	1,192	1,342	1,411	1,580	1,613
Federal employees funds-----	2,033	2,086	2,255	2,465	2,674	2,834	3,000	3,069
Highway trust funds <sup>2</sup> -----	2,799	2,955	3,293	3,540	3,670	3,925	4,523	5,009
Veterans life insurance funds-----	725	718	710	711	711	740	750	754
Other trust funds-----	779	890	1,546	1,402	1,500	1,593	1,954	2,320
Deduct: Interfund transactions <sup>3</sup> -----	515	528	505	521	638	770	734	730
<b>Total trust fund expenditures-----</b>	<b>22,793</b>	<b>25,141</b>	<b>26,545</b>	<b>28,885</b>	<b>29,637</b>	<b>34,864</b>	<b>40,882</b>	<b>44,507</b>
Federal OASI trust fund-----	11,752	13,270	14,530	15,285	15,962	18,769	19,944	24,442
Federal disability insurance trust fund-----	746	1,089	1,259	1,341	1,498	1,937	1,982	2,389
Federal hospital insurance trust fund-----	(X)	(X)	(X)	(X)	(X)	64	2,530	2,876
Federal supplementary medical insurance trust fund-----	(X)	(X)	(X)	(X)	(X)	(X)	996	1,295
Unemployment trust fund-----	4,734	3,906	3,815	3,707	3,130	2,687	2,655	2,534
Railroad retirement accounts <sup>1</sup> -----	1,124	1,135	1,112	1,139	1,185	1,246	1,366	1,511
Federal employees funds-----	879	982	1,138	1,262	1,410	1,680	2,004	2,063
Highway trust funds <sup>2</sup> -----	2,620	2,784	3,017	3,645	4,026	3,966	3,938	4,072
Veterans life insurance funds-----	801	723	826	657	616	554	773	587
Federal National Mortgage Association trust fund-----	489	317	4730	487	91	1,478	1,283	442
Other trust funds-----	774	914	1,252	1,119	1,189	1,589	2,082	2,506
Deposit funds-----	203	4544	146	4567	4210	4520	4159	4122
Deduct: Interfund transactions <sup>3</sup> -----	515	528	505	521	638	770	734	730
Government-sponsored enterprises-----	4239	1,092	685	1,857	1,379	2,184	2,224	642
<b>Excess of receipts (+) or expenditures (-)-----</b>	<b>+789</b>	<b>-851</b>	<b>+1,143</b>	<b>+1,446</b>	<b>+1,410</b>	<b>-12</b>	<b>+4,016</b>	<b>+3,635</b>

X Not applicable. <sup>1</sup> Beginning 1966, includes supplemental account.

<sup>2</sup> Beginning 1966, includes beauty and safety trust funds.

<sup>3</sup> Included in both receipts and expenditures. <sup>4</sup> Deduct.

Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*.

# No. 540. GOVERNMENT CASH RECEIPTS FROM AND PAYMENTS TO THE PUBLIC: 1950 TO 1968

[In billions of dollars. For years ending June 30. See also *Historical Statistics, Colonial Times to 1957*, series Y 380-382]

YEAR	TOTAL			FEDERAL <sup>1</sup>			STATE AND LOCAL <sup>2</sup>		
	Receipts	Payments	Excess of receipts (+) or payments (-)	Receipts	Payments	Excess of receipts (+) or payments (-)	Receipts	Payments	Excess of receipts (+) or payments (-)
1950-----	57.9	61.4	-3.5	40.9	43.1	-2.2	16.9	18.2	-1.3
1955-----	92.9	97.2	-4.3	67.8	70.5	-2.7	25.1	26.7	-1.6
1959-----	116.3	131.8	-15.6	81.7	94.8	-13.1	34.6	37.1	-2.5
1960-----	133.8	132.5	+1.3	95.1	94.3	+ .8	38.7	38.2	+ .6
1961-----	138.8	141.2	-2.5	97.2	99.5	-2.3	41.5	41.7	-.2
1962-----	146.4	152.7	-6.3	101.9	107.7	-5.8	44.6	45.0	-.5
1963-----	158.6	161.5	-2.9	109.7	113.8	-4.0	48.9	47.7	+1.2
1964-----	167.9	171.3	-3.4	115.5	120.3	-4.8	52.4	51.0	+1.4
1965-----	176.6	177.7	-1.1	119.7	122.4	-2.7	56.9	55.3	+1.6
1966-----	196.3	197.5	-1.2	134.5	137.8	-3.3	61.8	59.7	+2.1
1967 est.-----	(NA)	(NA)	(NA)	154.7	160.9	-6.2	(NA)	(NA)	(NA)
1968 est.-----	(NA)	(NA)	(NA)	168.1	172.4	-4.3	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup> Receipts from and payments to public exclude intragovernmental financial transactions but include operations of trust (including deposit) accounts and Government-sponsored enterprises as reflected on the books of the Treasurer of the United States as well as administrative budget accounts of Federal Government. The public is defined to comprise individuals; banks (including Federal Reserve and Postal Saving System); private corporations; other business; State, local, and foreign governments; and international organizations. For additional explanation, see 1968 *Budget*, pp. 394-402.

<sup>2</sup> Estimated by Council of Economic Advisers from receipts and expenditures in the national income accounts. Cash receipts consist of personal tax and nontax receipts, indirect business tax and nontax accruals, and corporate tax accruals adjusted to a collection basis. Cash payments are total expenditures less Federal grants-in-aid and less contributions for social insurance. (Federal grants-in-aid are included only in Federal payments.)

Source: Executive Office of the President, Council of Economic Advisers; *Economic Report of the President*, January 1967. Data from Treasury Dept., Bureau of the Budget, and Office of Business Economics.

# No. 541. FEDERAL RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME ACCOUNTS: 1950 TO 1968

[In billions of dollars. For years ending June 30. Prior to 1960, excludes Alaska and Hawaii. Includes transactions of trust accounts; excludes capital transactions of a financial nature and certain lending transactions. Business taxes included on an accrual basis; purchases timed with delivery of goods and services; Commodity Credit Corporation guaranteed price-support crop loans financed by banks counted as expenditures when loans are made]

YEAR	RECEIPTS					EXPENDITURES						Surplus (+) or deficit (-) on income and product account
	Total	Per- sonal tax and nontax receipts	Corpo- rate profits tax ac- cruals	Indirect busi- ness tax and nontax accruals	Con- tribu- tions for so- cial in- surance	Total	Pur- chases of goods and servi- ces	Trans- fer pay- ments	Grants- in-aid to State and local govern- ments	Net inter- est paid	Subsi- dies less current surplus of govern- ment enter- prises	
1950-----	42.0	16.5	11.9	8.2	5.5	42.4	19.0	15.6	2.4	4.4	1.0	- .5
1955-----	67.2	29.7	18.7	10.0	8.7	67.3	43.9	14.2	3.0	4.9	1.3	- .1
1959-----	85.4	38.2	21.5	11.9	13.8	90.9	54.7	21.6	6.2	5.9	2.4	-5.5
1960-----	94.8	42.5	22.3	13.2	16.7	91.3	52.7	22.4	6.8	7.0	2.3	+3.5
1961-----	95.3	43.6	20.3	13.3	18.1	98.0	55.5	25.6	6.9	6.8	3.2	-2.7
1962-----	104.2	47.3	22.9	14.2	19.9	106.4	60.9	27.2	7.6	6.8	3.8	-2.1
1963-----	110.2	49.6	23.5	15.0	22.1	111.4	63.4	28.6	8.4	7.5	3.6	-1.2
1964-----	115.5	50.7	25.6	15.6	23.6	116.9	65.7	29.5	9.8	8.1	3.8	-1.9
1965-----	120.6	51.3	27.8	16.9	24.6	118.3	64.3	30.4	10.9	8.5	4.1	+2.3
1966-----	132.6	57.9	30.7	15.9	28.1	132.3	71.7	34.3	12.9	9.1	4.5	+0.3
1967 est.---	149.8	65.5	32.3	16.5	35.5	153.6	83.6	39.8	14.8	10.0	5.4	-3.8
1968 est.---	167.1	76.8	35.3	16.9	38.1	169.2	91.9	46.6	16.7	10.5	3.5	-2.1

Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*.



No. 542. RELATION OF THREE MEASURES OF FEDERAL RECEIPTS AND EXPENDITURES: 1965 TO 1968

[In billions of dollars. For years ending June 30]

RECEIPTS AND EXPENDITURES	1965	1966	1967 <sup>1</sup>	1968 <sup>1</sup>
Administrative budget receipts.....	93.1	104.7	117.0	126.9
Plus: Trust fund receipts.....	31.0	34.9	44.9	48.1
Less: Intragovernmental transactions.....	4.3	4.5	6.2	6.5
Receipts from exercise of monetary authority.....	.1	.6	1.1	.5
Equals: Federal receipts from the public.....	119.7	134.5	154.7	168.1
Less: Exclusions from the Federal sector, national income accounts:				
Loans repaid.....	.3	.3	.4	.2
Items classified in another sector:				
District of Columbia.....	.3	.3	.3	.4
Foreign assistance, military trust.....	.8	.7	1.1	1.4
Plus: Exclusions from Federal receipts from the public:				
Excess of accruals over collections.....	1.1	-1.2	-3.9	.4
Employer/employee contributions to Federal retirement funds.....	2.2	2.3	2.3	2.3
Miscellaneous netting, grossing, and related adjustments:				
Receipts netted against expenditures, etc.....	-7	-1.2	-1.0	-1.0
Other.....	-2	-5	-5	-7
Equals: Federal receipts, national income and product accounts.....	120.6	132.6	149.8	167.1
Administrative budget expenditures.....	96.5	107.0	126.7	135.0
Plus: Trust fund expenditures (including Government-sponsored enterprises, net).....	29.6	34.9	40.9	44.5
Less: Intragovernmental transactions.....	4.3	4.5	6.2	6.5
Debt issuance in lieu of checks and other adjustments.....	-6	-4	.6	.7
Equals: Federal payments to the public.....	122.4	137.8	160.9	172.4
Less: Exclusions from the Federal sector:				
Loans and financial transactions:				
Lending: Net.....	3.3	3.2	4.3	1.8
Federal land banks and Federal home loan banks.....	1.2	1.9	1.7	.2
Acquisition of foreign currency for financing agricultural exports.....	1.2	1.0	1.1	1.0
Items classified in other sectors:				
District of Columbia.....	.4	.4	.5	.6
Foreign assistance, military trust.....	.7	.8	1.1	1.4
Plus: Exclusions from Federal payments to public:				
Excess of deliveries or accruals over payments.....	.8	-3	.2	.4
Employer/employee contributions to Federal retirement funds.....	2.2	2.3	2.3	2.3
Plus: Miscellaneous netting, grossing, and related adjustments:				
Receipts netted against expenditures.....	-7	-1.2	-1.0	-1.0
Other.....	.5	1.0	(Z)	.1
Equals: Federal expenditures, national income and product accounts.....	118.3	132.3	153.6	169.2

Z Less than \$50 million.   <sup>1</sup> Estimated.  
Source: Dept. of Commerce, Office of Business Economics. In *Economic Report of the President*, January 1967.

No. 543. NEW OBLIGATIONAL AUTHORITY, BY AGENCY: 1966 TO 1968

[In millions of dollars. For years ending June 30. New obligational authority consists of appropriations and other amounts authorized by Congress, permitting government agencies to incur obligations requiring payments of money and purchases of Government's own securities. For further details, see source]

AGENCY	1966	1967 <sup>1</sup>	1968 <sup>1</sup>	AGENCY	1966	1967 <sup>1</sup>	1968 <sup>1</sup>
Administrative budget funds.....	126, 439	139, 562	143, 994	Administrative budget funds—Continued			
Legislative Branch.....	237	269	275	Treasury Department.....	13, 102	14, 479	15, 125
The Judiciary.....	83	90	96	Atomic Energy Comm.....	2, 366	2, 199	2, 493
Executive Office of the President.....	27	29	28	General Services Admin.....	596	662	569
Funds appropriated to the President.....	5, 895	5, 045	5, 431	National Aeronautics and Space Administration.....	5, 175	4, 968	5, 050
Department of Agriculture.....	7, 571	7, 763	6, 001	Veterans Administration.....	6, 003	6, 479	6, 649
Department of Commerce.....	948	1, 066	1, 160	Other independent agencies.....	1, 543	2, 261	1, 320
Department of Defense:				District of Columbia.....	118	141	159
Military.....	63, 892	72, 034	74, 674	Allowances for contingencies.....	-	150	1, 800
Civil.....	1, 399	1, 382	1, 370	Trust funds.....	36, 684	50, 842	50, 230
Department of Health, Education, and Welfare.....	9, 966	12, 317	13, 264	Department of Health, Education, and Welfare.....	20, 993	29, 679	31, 872
Department of Housing and Urban Development.....	1, 961	2, 025	3, 179	Department of Labor.....	4, 124	4, 146	4, 235
Department of the Interior.....	1, 617	1, 704	1, 859	Department of Transportation.....	4, 061	4, 459	5, 791
Department of Justice.....	389	410	467	Veterans Administration.....	742	752	756
Department of Labor.....	704	638	650	Civil Service Commission.....	2, 823	2, 989	3, 058
Post Office Department.....	962	1, 227	651	Railroad Retirement Board.....	1, 405	1, 592	1, 613
Department of State.....	403	398	415	Other agencies.....	2, 535	7, 224	2, 909
Department of Transportation.....	1, 479	1, 826	1, 308				

- Represents zero.   <sup>1</sup> Estimated.  
Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*.



# Receipts and Expenditures

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## No. 544. FEDERAL ADMINISTRATIVE BUDGET EXPENDITURES, BY ORGANIZATION UNIT: 1961 TO 1968

[In millions of dollars. For years ending June 30. Expenditures reported on a checks-issued basis. See also headnote, table 546]

DESCRIPTION OR ORGANIZATION UNIT	1961	1962	1963	1964	1965	1966	1967 est.	1968 est.
<b>Total</b> .....	<b>81,515</b>	<b>87,787</b>	<b>92,642</b>	<b>97,684</b>	<b>96,507</b>	<b>106,978</b>	<b>126,729</b>	<b>135,033</b>
Legislative branch.....	174	194	189	197	210	232	263	270
The Judiciary.....	52	57	63	66	75	79	90	96
Executive Office of the President.....	69	29	23	23	24	26	31	28
Funds appropriated to the President.....	1,882	3,443	3,968	4,119	4,307	4,324	4,806	5,418
Department of Agriculture.....	5,929	6,669	7,735	7,897	7,298	5,949	5,751	6,047
Department of Commerce.....	452	552	632	646	715	673	746	997
Department of Defense:								
Military.....	44,676	46,815	48,252	49,760	46,173	54,409	66,950	72,300
Civil.....	972	999	1,128	1,153	1,234	1,309	1,345	1,415
Dept. of Health, Education, and Welfare.....	3,685	4,215	4,909	5,498	5,740	7,552	10,746	11,739
Department of Housing and Urban Development <sup>1</sup> .....	502	739	410	328	250	767	586	-102
Department of the Interior.....	801	908	1,029	1,122	1,190	1,437	1,456	1,692
Department of Justice.....	284	294	317	328	358	372	426	445
Department of Labor.....	831	620	257	370	480	503	500	527
Post Office Department (general fund).....	914	797	770	578	805	888	1,208	544
Department of State.....	258	307	408	347	383	407	424	420
Department of Transportation <sup>2</sup> .....	963	1,026	1,070	1,144	1,241	1,276	1,471	1,375
Treasury Department:								
Interest on public debt.....	8,957	9,120	9,895	10,666	11,346	12,014	13,400	14,050
Other.....	720	769	836	931	998	1,041	1,060	1,066
Atomic Energy Commission.....	2,713	2,806	2,758	2,765	2,625	2,403	2,270	2,330
General Services Administration.....	387	445	464	592	622	601	695	710
National Aeronautics and Space Admin.....	744	1,257	2,552	4,171	5,093	5,933	5,600	5,300
Veterans Administration.....	5,401	5,392	5,173	5,478	5,488	5,070	6,400	6,121
Other independent agencies.....	751	894	249	113	661	275	1,052	651
District of Columbia (U.S. share).....	50	72	66	57	61	71	119	127
Allowance for contingencies.....	(X)	(X)	(X)	(X)	(X)	(X)	100	2,150
<b>Deduct: Interfund transactions (included in both receipts and expenditures).....</b>	<b>654</b>	<b>633</b>	<b>513</b>	<b>664</b>	<b>870</b>	<b>635</b>	<b>766</b>	<b>682</b>

X Not applicable. <sup>1</sup> Prior to 1966, Housing and Home Finance Agency.

<sup>2</sup> Established in 1967; data adjusted for earlier years.

## No. 545. FEDERAL ADMINISTRATIVE BUDGET RECEIPTS AND EXPENDITURES— PERCENT DISTRIBUTION, BY MAJOR SOURCE AND FUNCTION: 1955 TO 1968

[For years ending June 30. For basic data and explanation of terms, see table 546]

MAJOR FUNCTION	1955	1960	1963	1964	1965	1966	1967 est.	1968 est.
<b>Administrative budget receipts</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual income taxes.....	47.7	52.4	55.1	54.4	52.4	52.9	53.2	57.7
Corporation income taxes.....	29.7	27.6	25.0	26.3	27.4	28.7	29.4	26.7
Excise taxes.....	15.2	11.7	11.5	11.4	11.7	8.7	7.9	6.9
Customs, employment taxes, and other receipts.....	7.7	9.1	9.0	8.6	9.5	10.2	10.2	9.2
<b>Deduct: Interfund transactions<sup>1</sup>.....</b>	<b>0.3</b>	<b>0.9</b>	<b>0.6</b>	<b>0.7</b>	<b>1.0</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>
<b>Administrative budget expenditures<sup>2</sup>.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
National defense.....	63.2	59.7	57.0	55.5	52.0	53.9	55.4	55.9
International affairs and finance.....	3.6	4.0	4.5	3.8	4.5	3.9	3.6	3.6
Space research and technology.....	0.1	0.5	2.8	4.3	5.3	5.5	4.4	3.9
Agriculture and agricultural resources.....	6.6	4.7	5.7	5.6	5.1	3.1	2.4	2.4
Natural resources.....	1.9	2.3	2.6	2.6	2.8	2.9	2.5	2.6
Commerce and transportation.....	1.9	2.6	3.1	3.1	3.6	2.8	2.8	2.3
Housing and community development <sup>3</sup> .....	0.2	0.2	-0.1	-0.1	-0.1	0.3	0.7	0.7
Health, labor, and welfare.....	3.4	4.8	5.2	5.6	6.1	7.1	8.2	8.4
Education.....	0.5	1.1	1.3	1.4	1.6	2.6	2.6	2.1
Veterans benefits and services.....	7.0	6.9	5.6	5.6	5.7	4.7	5.1	4.5
Interest.....	10.0	12.1	10.8	11.0	11.8	11.3	10.7	10.5
General government.....	1.8	2.0	2.1	2.3	2.5	2.3	2.1	2.1
Allowances, undistributed.....	(X)	(X)	(X)	(X)	(X)	(X)	0.1	1.6
<b>Deduct: Interfund transactions<sup>1</sup>.....</b>	<b>0.3</b>	<b>0.9</b>	<b>0.6</b>	<b>0.7</b>	<b>0.9</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>

X Not applicable.

<sup>1</sup> Included in both receipts and expenditures.

<sup>2</sup> Net of receipts of public enterprise funds. <sup>3</sup> Minus sign indicates receipts exceeding expenditures.

Source of tables 544 and 545: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*.

# No. 546. FEDERAL ADMINISTRATIVE BUDGET AND TRUST FUND RECEIPTS AND EXPENDITURES, BY SOURCE AND FUNCTION: 1955 TO 1968

[In millions of dollars. For years ending June 30. Expenditures reported on a checks-issued basis. "Administrative budget" receipts and expenditures are mainly those of general and special accounts and exclude refunds of receipts, transfers from the general fund to trust funds, interest paid to the U.S. Treasury by revolving funds, transfers of capital between wholly owned Government corporations and the U.S. Treasury, and debt transactions of Government enterprises. Expenditures from public debt authorizations are included as well as net transactions (expenditures minus receipts) of wholly owned Government corporations and enterprises. Trust fund data also exclude refunds of receipts, but trust fund expenditures include security transactions of Government-sponsored enterprises. See also *Historical Statistics, Colonial Times to 1957*, series Y 254-256 and Y 356-367]

SOURCE AND FUNCTION	1955	1960	1963	1964	1965	1966	1967 est.	1968 est.
Administrative budget surplus (+) or deficit (—)	—4,180	+1,224	—6,266	—8,226	—3,435	—2,251	—9,734	—8,096
RECEIPTS								
Administrative budget receipts	60,209	77,763	86,376	89,459	93,072	104,727	116,995	126,937
Individual income taxes	28,747	40,715	47,588	48,697	48,792	55,446	62,200	73,200
Corporation income taxes	17,861	21,494	21,579	23,493	25,461	30,073	34,400	33,900
Excise taxes	9,131	9,137	9,915	10,211	10,911	9,145	9,300	8,800
Alcohol taxes	2,689	3,127	3,365	3,503	3,689	3,720	3,901	4,103
Tobacco taxes	1,568	1,927	2,075	2,049	2,142	2,066	2,122	2,251
Manufacturers' excise taxes	2,875	2,089	2,203	2,631	2,867	1,767	1,571	926
Other excise taxes	2,000	1,994	2,272	2,028	2,213	1,592	1,706	1,520
Employment taxes	579	339	—	—	—	—	—	—
Estate and gift taxes	924	1,606	2,167	2,394	2,716	3,066	3,100	3,100
Customs	585	1,105	1,205	1,252	1,442	1,767	1,980	2,100
Miscellaneous receipts <sup>1</sup>	2,562	4,062	4,435	4,076	4,619	5,865	6,780	6,517
Deduct: Interfund transactions <sup>2</sup>	181	694	513	664	870	635	766	682
Trust fund receipts	9,470	20,342	27,689	30,331	31,047	34,853	44,898	48,142
Employment taxes	5,587	10,728	14,862	16,832	16,905	20,022	26,444	28,392
Unemployment tax deposits by States	1,146	2,167	3,009	3,042	3,052	3,067	3,000	3,000
Excise taxes	—	2,539	3,279	3,519	3,659	3,917	4,514	4,946
Federal employee and agency payments for retirement	473	1,504	1,878	2,029	2,173	2,269	2,361	2,360
Interest on trust fund investments	1,178	1,337	1,477	1,613	1,770	1,908	2,268	2,690
Veterans life insurance premiums	441	482	494	494	488	511	517	515
Miscellaneous trust receipts	660	2,494	3,195	3,322	3,639	3,927	6,528	6,969
Deduct: Interfund transactions <sup>2</sup>	16	908	605	521	638	770	734	730
EXPENDITURES <sup>3</sup>								
Administrative budget expenditures	64,389	76,539	92,642	97,684	96,507	106,978	126,729	135,033
National defense	40,695	45,691	52,755	54,181	50,163	57,718	70,222	75,487
Dept. of Defense military functions	35,531	41,215	48,252	49,760	46,173	54,409	66,950	72,300
Military assistance	2,292	1,609	1,721	1,485	1,229	968	1,000	800
Atomic energy	1,857	2,623	2,758	2,765	2,625	2,403	2,270	2,330
Defense-related activities	1,015	244	24	172	136	—62	1	57
International affairs and finance	2,525	3,195	4,412	4,032	4,506	4,191	4,608	4,797
Conduct of foreign affairs	121	217	346	297	346	315	335	346
Economic and financial programs	1,869	1,881	1,826	1,479	2,094	1,864	2,321	2,403
Foreign information and exchange activities	100	137	201	207	223	227	242	248
Food for Freedom	435	1,458	2,040	2,049	1,843	1,784	1,710	1,799
Space research and technology	74	401	2,552	4,171	5,093	5,933	5,600	5,300
Agriculture and agricultural resources	4,031	3,475	5,050	5,129	4,696	3,307	3,035	3,173
Farm income stabilization	3,141	2,239	3,693	3,798	3,236	1,925	2,368	2,467
Financing farming and rural housing	236	289	300	251	268	160	—532	—584
Financing rural electrification and rural telephones	204	330	342	342	392	373	259	319
Agricultural land and water resources	277	324	324	324	341	346	379	381
Research and other agricultural services	173	293	391	414	457	503	560	591
Natural resources	1,216	1,798	2,506	2,658	2,851	3,120	3,226	3,518
Land and water resources	949	1,819	1,853	1,927	2,023	2,235	2,218	2,443
Forest resources	119	220	303	332	374	406	463	449
Mineral resources	37	65	71	91	105	108	115	140
Fish and wildlife resources	43	68	94	105	120	130	134	139
Recreational resources	35	74	112	130	134	152	199	246
General resource surveys and admin.	34	51	73	73	94	89	97	103
Commerce and transportation	1,225	1,963	2,843	3,002	3,499	2,969	3,495	3,089
Air transportation	179	568	808	835	875	879	946	890
Water transportation	349	508	672	658	728	708	757	806
Ground transportation	647	38	41	39	39	46	92	19
Postal service	356	525	770	578	805	883	1,208	544
Advancement of business	—343	265	366	401	557	193	182	407
Area and regional redevelopment <sup>4</sup>	(X)	(X)	101	401	398	156	207	323
Regulation of business	38	59	84	91	98	99	103	100

See footnotes at end of table.



# Receipts and Expenditures

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## No. 546. FEDERAL ADMINISTRATIVE BUDGET AND TRUST FUND RECEIPTS AND EXPENDITURES, BY SOURCE AND FUNCTION: 1955 TO 1968—Continued

[In millions of dollars]

SOURCE AND FUNCTION	1955	1960	1963	1964	1965	1966	1967 est.	1968 est.
<b>Administrative budget expenditures—Continued</b>								
<b>Housing and community development</b> -----	136	122	-67	-80	-104	347	890	1,023
Aids to private housing-----	174	-172	-537	-595	-818	-406	-62	-376
Public housing programs-----	-116	134	178	149	230	233	263	282
Urban renewal and community facilities-----	56	130	222	306	420	446	561	982
National Capital region-----	22	30	70	59	64	75	127	135
<b>Health, labor, and welfare</b> -----	2,165	3,650	4,715	5,381	5,797	7,574	10,389	11,304
Health services and research-----	271	774	1,437	1,784	1,781	2,523	4,265	4,767
Labor and manpower-----	321	510	224	345	464	500	493	526
Public assistance, excl. medical care for the aged-----	1,428	2,061	2,631	2,786	2,827	2,797	2,942	3,036
Economic opportunity programs-----	(X)	(X)	(X)	(X)	211	1,018	1,580	1,860
Other welfare services-----	145	304	423	466	513	736	1,109	1,114
<b>Education</b> -----	377	866	1,244	1,339	1,544	2,834	3,304	2,816
Assistance for elementary and secondary education-----	215	327	392	404	418	1,368	1,827	2,000
Assistance for higher education-----	43	261	428	383	413	701	451	-376
Assistance to science education and basic research-----	11	120	206	310	309	368	395	455
Other aids to education-----	109	156	219	241	405	397	631	737
<b>Veterans benefits and services</b> -----	4,522	5,266	5,186	5,492	5,495	5,023	6,394	6,124
Veterans service-connected compensation-----	1,829	2,049	2,116	2,158	2,176	2,221	2,298	2,427
Veterans nonservice-connected pensions-----	801	1,265	1,698	1,743	1,864	1,910	1,931	2,037
Veterans readjustment benefits-----	879	725	-13	113	-50	-664	510	-42
Veterans hospitals and medical care-----	727	961	1,145	1,229	1,270	1,318	1,389	1,471
Other veterans benefits and services-----	286	266	240	249	235	238	266	231
<b>Interest</b> -----	6,438	9,266	9,980	10,765	11,435	12,132	13,508	14,152
Interest on the public debt-----	6,370	9,180	9,895	10,666	11,346	12,014	13,400	14,050
Interest on refunds of receipts-----	62	76	74	88	77	104	93	87
Interest on uninvested funds-----	5	10	11	11	12	14	15	15
<b>General government</b> -----	1,166	1,542	1,979	2,280	2,402	2,464	2,725	2,781
Legislative functions-----	60	109	131	126	142	159	171	178
Judicial functions-----	31	49	63	66	76	79	90	96
Executive direction and management-----	12	20	21	22	23	24	28	30
Central fiscal operations-----	431	558	715	791	825	864	909	940
General property and records management-----	168	372	444	576	606	585	676	691
Central personnel management-----	96	84	142	174	174	175	194	197
Protective services and alien control-----	185	263	323	335	366	385	445	465
Other general government-----	183	88	139	189	190	192	211	186
<b>Allowance for contingencies</b> -----	(X)	(X)	(X)	(X)	(X)	(X)	100	2,150
<i>Deduct: Interfund transactions</i> <sup>2</sup> -----	181	694	513	664	870	635	766	632
<b>Trust fund expenditures</b> -----	8,577	21,212	26,545	28,885	29,637	34,864	40,882	44,507
National defense-----	164	256	679	487	751	760	1,138	1,370
International affairs and finance-----	45	48	44	62	-160	171	111	229
Space research and technology-----	(X)	(X)	(X)	(Z)	(Z)	1	(Z)	2
Agriculture and agricultural resources-----	73	458	507	496	927	1,151	1,382	1,224
Natural resources-----	61	116	122	137	134	145	145	148
Commerce and transportation-----	-97	2,831	2,877	3,482	3,864	3,751	3,722	3,738
Housing and community development-----	231	1,439	-36	1,889	1,136	3,202	2,999	981
Health, labor, and welfare-----	7,423	16,358	21,855	22,733	23,186	26,384	31,477	37,111
Education-----	1	1	2	2	2	2	-4	-31
Veterans benefits and services-----	628	673	835	666	624	565	770	557
General government-----	6	17	19	18	21	24	33	29
Deposit funds-----	57	-78	146	-567	-210	-520	-159	-122
<i>Deduct: Interfund transactions</i> <sup>2</sup> -----	16	908	505	521	638	770	734	730

- Represents zero. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Includes taxes not elsewhere classified. <sup>2</sup> Included in both receipts and expenditures.

<sup>3</sup> Minus sign (-) indicates receipts exceeding expenditures.

<sup>4</sup> Beginning 1963, includes the Public Works Acceleration program which supplements expenditures in various other categories.

Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*, and unpublished data.



## No. 547. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS

[In thousands of dollars, except as indicated. For year ending June 30. Comprises grants-in-aid (cash or transfer revenues, loans and advances, and technical assistance.]

STATE OR OTHER AREA	Total <sup>1</sup>	Highways	Public assistance	Agricultural conservation and extension	Education	Public health	National Guard	Food distribution
<b>Total.....</b>	<b>15,339,912</b>	<b>4,017,736</b>	<b>3,088,995</b>	<b>2,271,075</b>	<b>1,190,690</b>	<b>993,815</b>	<b>706,322</b>	<b>681,935</b>
Alabama.....	312,415	90,530	82,721	34,608	16,251	15,424	11,294	18,539
Alaska.....	106,296	53,345	2,043	585	12,063	1,225	3,128	976
Arizona.....	148,395	66,338	20,398	7,357	18,562	4,794	5,085	6,361
Arkansas.....	184,671	38,767	49,310	19,052	7,760	8,469	7,379	16,273
California.....	1,332,895	324,281	458,233	26,934	137,133	105,996	24,321	36,492
Colorado.....	236,062	60,571	42,755	50,796	26,880	13,131	5,305	8,215
Connecticut.....	170,794	48,417	32,380	1,632	15,311	16,752	7,352	5,849
Delaware.....	39,581	16,677	4,696	2,654	3,621	1,720	3,637	2,134
Dist. of Columbia.....	133,400	26,404	12,741	-	14,868	12,874	3,646	2,607
Florida.....	325,762	87,579	98,582	12,120	32,479	22,014	6,366	19,946
Georgia.....	343,806	81,182	77,265	47,728	25,874	23,809	10,129	18,576
Hawaii.....	73,524	9,731	5,789	903	11,157	4,255	10,039	2,597
Idaho.....	101,224	39,556	10,195	21,893	5,425	2,096	4,436	2,332
Illinois.....	707,832	208,972	143,082	121,506	52,604	50,486	11,959	28,385
Indiana.....	302,871	92,911	28,857	86,857	24,819	16,843	9,208	16,377
Iowa.....	361,516	53,443	35,136	209,187	14,575	12,981	7,845	13,416
Kansas.....	340,774	50,842	31,926	194,637	19,708	9,098	6,874	8,068
Kentucky.....	279,484	60,052	63,708	42,247	19,664	10,733	5,216	24,618
Louisiana.....	371,027	102,918	142,504	14,743	11,857	18,944	7,003	24,278
Maine.....	70,257	23,793	15,064	3,552	6,807	3,913	4,429	3,615
Maryland.....	196,947	49,723	32,549	7,234	29,967	29,301	7,991	9,641
Massachusetts.....	409,847	77,601	95,413	1,888	52,767	70,710	12,123	15,097
Michigan.....	472,308	132,778	86,691	46,006	42,814	37,284	12,465	31,984
Minnesota.....	385,854	105,047	53,730	114,822	18,155	25,435	9,910	16,291
Mississippi.....	208,568	57,754	43,680	28,156	9,629	9,229	9,244	23,248
Missouri.....	431,651	113,947	97,112	107,431	21,654	24,217	10,798	16,787
Montana.....	142,386	59,082	6,714	45,716	6,532	2,952	4,209	2,146
Nebraska.....	255,009	37,251	14,747	164,559	11,159	5,197	3,970	5,138
Nevada.....	61,954	41,460	3,478	1,550	5,907	877	2,087	681
New Hampshire.....	44,996	16,142	5,483	1,377	6,710	4,034	2,835	2,108
New Jersey.....	272,897	65,104	49,857	5,868	29,346	16,817	14,763	11,645
New Mexico.....	141,715	47,824	20,510	21,459	12,656	4,134	4,694	7,561
New York.....	1,027,471	197,545	320,494	23,180	79,870	130,475	23,718	53,897
North Carolina.....	297,232	51,102	71,448	44,060	24,993	27,425	7,502	26,082
North Dakota.....	175,324	31,132	10,880	108,222	7,803	2,708	3,654	2,866
Ohio.....	567,301	185,783	109,066	64,455	41,807	35,542	16,837	40,332
Oklahoma.....	321,374	57,461	89,868	75,287	21,991	12,625	8,098	21,264
Oregon.....	226,348	76,794	22,226	20,683	15,250	16,300	5,326	8,356
Pennsylvania.....	633,191	141,924	139,748	24,718	49,903	63,440	18,761	45,084
Rhode Island.....	78,515	24,812	16,137	662	8,949	5,650	3,806	2,053
South Carolina.....	146,777	34,727	26,777	26,615	15,295	7,851	6,941	10,152
South Dakota.....	148,452	45,384	9,796	69,487	7,097	2,606	4,331	3,221
Tennessee.....	321,824	108,412	48,997	38,336	19,280	20,789	11,391	21,199
Texas.....	792,069	216,296	174,377	187,810	43,372	40,573	16,630	31,543
Utah.....	129,248	60,926	15,240	7,944	10,926	8,725	4,774	4,654
Vermont.....	51,814	24,664	7,189	2,467	2,939	3,971	4,565	1,948
Virginia.....	307,635	163,404	25,130	18,470	35,647	12,772	7,829	15,185
Washington.....	280,994	75,192	61,182	31,667	28,594	23,343	8,012	14,304
West Virginia.....	177,666	55,847	43,541	6,027	7,700	4,873	5,152	16,418
Wisconsin.....	241,958	53,717	37,382	52,609	20,523	25,788	9,015	15,513
Wyoming.....	89,288	48,341	2,986	8,505	3,687	743	2,781	1,287
Puerto Rico.....	227,599	6,932	7,217	3,961	11,173	9,884	6,320	27,114
Virgin Islands.....		-	218	13	623	361	-	384
Other areas <sup>4</sup> .....		-	67	-	1,472	15,061	-	646
Undistributed.....	131,111	17,318	-18,320	10,843	7,083	-64,442	281,184	-83,597

- Represents zero. NA Not available.

<sup>1</sup> Includes programs not shown separately.

<sup>2</sup> Based on resident population as of July 1, 1965, as estimated by Bureau of the Census.

<sup>3</sup> Population base excludes areas outside the U.S.

## AND INDIVIDUALS—STATES AND OTHER AREAS: 1965

payments in kind given to a governmental unit or individual for specified programs, services, or activities), shared  
For components of programs included, see source]

Urban development and public works	Unemployment insurance	Anti-poverty	Conservation practices	Child care	Vocational rehabilitation	Veteran's benefits	Per capita <sup>2</sup> (dollars)	STATE OR OTHER AREA
602,541	515,649	324,804	218,370	144,447	132,570	57,442	<sup>3</sup> 79	Total
12,534	6,643	9,458	3,950	2,701	4,526	1,068	90	Alabama
1,893	4,453	1,184	10,539	419	380	19	420	Alaska
191	5,064	3,655	2,342	877	1,530	797	92	Arizona
12,302	4,564	7,822	4,649	1,702	3,789	722	94	Arkansas
32,510	83,902	15,720	14,858	12,213	9,468	7,224	72	California
1,194	5,228	3,135	4,597	2,461	2,064	984	120	Colorado
24,080	7,074	4,795	1,687	2,488	1,177	1,101	60	Connecticut
1,084	1,101	831	370	479	302	83	78	Delaware
1,308	5,931	6,333	-	3,177	2,223	724	167	Dist. of Columbia
4,649	8,430	7,651	2,112	4,226	4,118	2,698	56	Florida
10,021	6,678	13,076	4,896	3,599	6,911	1,584	79	Georgia
4,739	2,654	1,420	1,108	815	505	108	103	Hawaii
493	3,255	99	2,299	642	379	211	146	Idaho
25,016	20,797	25,529	1,253	7,038	5,292	2,035	66	Illinois
8,732	7,559	2,550	1,420	2,416	1,245	1,067	62	Indiana
1,664	4,072	703	2,417	2,250	1,557	893	131	Iowa
4,610	4,293	813	4,529	1,610	1,133	643	153	Kansas
22,725	6,136	12,624	3,487	3,265	2,315	697	88	Kentucky
14,827	6,796	6,073	2,011	2,936	2,442	868	105	Louisiana
2,636	2,244	594	937	875	535	199	71	Maine
9,189	7,567	4,716	913	4,324	1,609	685	56	Maryland
37,777	19,409	10,703	654	5,869	3,781	2,169	77	Massachusetts
36,050	19,107	6,980	1,461	5,516	3,774	2,044	57	Michigan
12,781	7,364	4,642	1,778	3,225	3,502	1,240	108	Minnesota
4,903	4,241	4,632	7,744	2,060	1,716	651	90	Mississippi
8,967	8,415	11,133	1,753	3,359	2,509	1,269	96	Missouri
550	2,791	355	4,080	567	488	192	202	Montana
205	2,349	794	2,072	1,408	800	652	173	Nebraska
227	2,129	539	1,295	531	260	52	141	Nevada
1,416	2,206	844	646	552	232	255	67	New Hampshire
35,573	16,244	18,325	644	2,367	2,463	1,136	40	New Jersey
1,726	3,467	1,082	11,287	1,251	465	404	138	New Mexico
51,148	60,158	41,274	1,401	14,923	16,061	3,072	57	New York
13,952	8,012	7,282	2,011	4,804	4,717	1,157	60	North Carolina
501	2,056	401	1,444	558	490	204	269	North Dakota
24,274	18,667	10,796	1,327	6,924	4,952	2,131	55	Ohio
6,208	6,670	2,035	9,385	1,737	2,612	1,429	129	Oklahoma
2,755	6,605	1,164	36,835	2,064	1,470	516	119	Oregon
67,779	36,164	17,985	1,745	7,854	10,040	2,843	55	Pennsylvania
6,277	4,067	2,566	241	1,376	773	342	88	Rhode Island
3,668	4,380	1,928	2,007	2,025	2,633	644	58	South Carolina
466	1,690	275	1,067	449	578	268	211	South Dakota
17,663	7,774	10,588	7,484	3,763	3,199	1,018	84	Tennessee
18,703	21,404	12,529	6,893	5,903	4,893	3,588	75	Texas
1,494	4,844	420	4,844	1,008	838	459	131	Utah
510	1,416	253	375	547	461	180	131	Vermont
8,115	5,689	5,651	1,848	2,930	2,462	916	74	Virginia
4,257	13,468	2,011	7,132	2,381	2,004	1,390	93	Washington
18,757	4,254	4,387	2,077	1,804	3,215	468	98	West Virginia
4,835	8,155	2,528	2,273	2,747	3,459	1,007	58	Wisconsin
216	1,447	170	15,709	392	354	107	262	Wyoming
13,400	4,874	11,067	137	3,510	2,075	421	(NA)	Puerto Rico
625	145	581	8,326	258	71	-	(NA)	Virgin Islands
17	20	104	22	908	60	808	(NA)	Other areas <sup>4</sup>
350	1,527	-	-	-12,633	-8,338	-	(NA)	Undistributed

<sup>4</sup> American Samoa, Canal Zone, Trust Territory of the Pacific Islands, and certain foreign countries.

Source: Congressional Quarterly Inc., Washington, D.C.; *Congressional Quarterly Weekly Report* No. 12, March 24, 1967. (Copyright.)

# No. 548. SUBSIDY PROGRAMS OF THE FEDERAL GOVERNMENT—NET EXPENDITURES: 1955 TO 1968

[In millions of dollars. For years ending June 30. Minus sign (—) indicates receipts exceeding expenditures. Excludes veterans programs, foreign aid, public assistance to the needy, grants to States to help finance low-priced school lunches, hospital operation and medical care administered by the Public Health Service, and various aids to Indians. Due to changes in classification, not all programs are strictly comparable for all years. Agency indications refer to status in fiscal year 1967]

PROGRAM	1955	1960	1963	1964	1965	1966	1967 est.	1968 est.
<b>Total</b> .....	<b>3,853</b>	<b>6,958</b>	<b>8,059</b>	<b>7,393</b>	<b>8,064</b>	<b>6,896</b>	<b>8,047</b>	<b>7,373</b>
<b>Net current expenses for listed aids and special services</b> .....	<b>1,979</b>	<b>5,090</b>	<b>6,867</b>	<b>6,825</b>	<b>7,615</b>	<b>6,868</b>	<b>8,434</b>	<b>6,970</b>
Agriculture.....	1,074	3,458	4,675	5,168	5,600	4,741	5,641	4,853
Department of Agriculture:								
CCC and special export programs:								
Sale for foreign currency.....	130	1,232	1,483	1,415	1,293	1,138	984	906
Price support supply, and related programs.....	472	1,515	2,433	2,858	3,399	2,836	3,697	2,752
Sale for dollars on credit terms.....	(1)	(1)	79	60	200	233	315	399
Transfer to supplemental stockpile.....	(1)	192	100	38	41	26	33	27
National Wool Act.....	(1)	93	63	73	23	38	40	45
International Wheat Agreement.....	100	66	74	126	35	(X)	(X)	(X)
Export credit sales.....	(X)	(X)	(X)	(X)	(X)	(X)	110	198
Other.....	135	89	—	—15	9	7	—1	—2
Agricultural Stabilization and Conservation Service:								
Sugar Act.....	70	74	77	87	92	88	88	90
Expenses.....	—	—1	99	117	108	126	128	151
Consumer and Marketing Service:								
Removal of surplus agricultural commodities.....	43	67	112	240	273	118	146	175
Other.....	(2)	50	7	26	18	7	8	8
Foreign Agricultural Service.....	(2)	(2)	(2)	(2)	(2)	21	25	28
Other.....	106	76	141	139	87	85	60	70
Other agencies.....	17	4	7	5	21	18	8	6
Business.....	741	1,278	1,845	1,251	1,466	1,481	1,858	1,239
Department of Commerce:								
Maritime Administration, ship operating subsidies and admin.....	121	158	226	197	226	196	185	207
Patent Office.....	(3)	21	26	27	30	33	35	38
Other.....	43	23	51	53	62	54	59	71
Department of Defense, civil functions:								
Corps of Engineers, operation and maintenance.....	67	80	114	109	113	122	130	134
Other.....	—6	—18	—7	—10	—3	—10	—13	—15
Post Office Department.....	346	495	691	36	174	218	504	—225
Department of Transportation:								
Coast Guard, navigation aids and other.....	43	176	210	249	258	248	300	308
Federal Aviation Agency.....	86	273	431	469	498	496	510	535
Other.....	(X)	(X)	(X)	(X)	(X)	3	2	15
Civil Aeronautics Board, payments to air carriers.....	58	60	82	84	80	75	66	63
Small Business Administration.....	(4)	(4)	(4)	(4)	11	6	51	90
Other agencies.....	—17	11	22	33	17	40	29	19
Labor.....	269	324	400	457	465	547	598	635
Department of Labor:								
Unemployment trust fund admin.....	192	317	375	453	441	523	571	604
Other.....	8	—1	19	—2	—	—	—	—
Other agencies.....	69	8	6	7	24	24	27	31
Home owners and tenants.....	—105	30	—53	—51	84	99	337	243
Department of Housing and Urban Development:								
Public housing.....	67	127	182	195	219	239	265	275
Urban renewal.....	34	102	186	211	278	326	376	447
Federal Housing Administration.....	—118	—142	—167	—162	—182	—190	—129	—228
Other.....	—62	—38	11	—5	4	—5	3	40
Federal Home Loan Bank Board.....	—25	—20	—266	—289	—233	—271	—178	—292
<b>Additions to major commodity inventories, civil</b> .....	<b>1,552</b>	<b>1,032</b>	<b>256</b>	<b>—378</b>	<b>—433</b>	<b>—760</b>	<b>—1,330</b>	<b>—654</b>
Department of Agriculture, CCC, agricultural commodities.....	1,686	1,022	251	—388	—446	—779	—1,358	—681
Department of the Interior.....	(5)	(6)	(6)	10	13	19	28	27
Other agencies.....	—134	10	4	—	—	—	—	—

See footnotes at end of table.



**No. 548. SUBSIDY PROGRAMS OF THE FEDERAL GOVERNMENT—NET EXPENDITURES:**  
1955 TO 1968—Continued

[In millions of dollars]

PROGRAM	1955	1960	1963	1964	1965	1966	1967 est.	1968 est.
<b>Additions to civil private physical assets</b> .....	322	836	936	946	882	788	943	1,057
Funds appropriated to the President, public works acceleration.....	(X)	(X)	1	23	30	-	-	-
Department of Agriculture:								
Agricultural stabilization and con- servation.....	231	561	523	513	430	382	454	463
Soil conservation.....	60	91	112	96	125	131	134	141
Other.....	-19	(Z)	9	20	-2	(Z)	1	1
Department of Commerce, merchant ships and other.....	5	70	103	86	92	78	71	80
Department of Health, Education, and Welfare:								
Private hospital construction.....	40	80	113	125	124	104	114	116
Health research and educational facil- ities.....	(Z)	25	34	36	33	26	51	66
Higher educational activities.....	(X)	(X)	(X)	(X)	(X)	11	58	90
Other.....	-	-	4	6	6	6	6	21
National Science Foundation.....	(Z)	3	36	40	40	51	50	69
Other agencies.....	5	6	1	1	2	1	3	9

- Represents zero. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Included in "Other" Commodity Credit Corporation programs.<sup>2</sup> Included in "Other" Dept. of Agriculture programs.<sup>3</sup> Included in "Other" Dept. of Commerce programs.<sup>4</sup> Primarily for air navigation aids.<sup>5</sup> Included in "Business—Other Agencies."<sup>6</sup> Included in "Additions to Major Commodity Inventories, Civil—Other Agencies."

Source: 1955-64: U.S. Congress, Joint Economic Committee; *Subsidy and Subsidy-Effect Programs of the U.S. Government*. 1965-1968: Library of Congress, Legislative Reference Service. Based on *The Budget of the United States Government*, Special Analysis D, Investment, Operating and Other Expenditures.

**No. 549. PERSONAL AND REAL PROPERTY OF THE FEDERAL GOVERNMENT:**  
1963 TO 1965

[In millions of dollars. As of June 30. Figures are acquisition costs, except as noted]

CLASSIFICATION	1963	1964 <sup>1</sup>	1966	CLASSIFICATION	1963	1964 <sup>1</sup>	1966
<b>Total</b> .....	315,235	323,881	346,997	<b>Personal property—</b> Continued			
<b>Personal property</b> <sup>2</sup> .....	224,923	230,104	244,419	Machinery and equipment ..	13,042	13,494	14,608
Cash:				Other assets.....	11,815	13,660	13,996
With Treasurer of the U.S.....	12,116	11,036	12,407	Department of Defense <sup>3</sup> ..	132,577	134,912	143,714
On hand and in banks outside Treasury.....	738	689	1,224	Corps of Engineers <sup>3</sup> .....	244	258	311
Investments (other than public debt).....	5,843	5,946	7,579	<b>Real property</b> .....	90,312	93,777	102,578
Accounts and notes re- ceivable.....	5,269	5,179	6,183	Department of Defense <sup>4</sup> ..	43,043	43,599	46,148
Commodities for sale.....	4,942	4,673	3,434	Other departments and agencies.....	18,640	20,206	23,251
Work in process.....	811	812	1,017	Architect of the Capitol <sup>5</sup> ..	459	471	496
Materials and supplies ..	9,167	9,098	8,229	Other <sup>6</sup> .....	9,849	10,186	11,071
Loans receivable.....	28,361	30,347	31,717	Realty acquired at no cost <sup>5</sup> .....	295	290	284
				Public domain acreage and mineral reserves <sup>6</sup> ..	18,026	19,024	21,328

<sup>1</sup> Figures for 1965 were not compiled.<sup>2</sup> The value of some historic and patriotic properties was estimated at present-day values.<sup>3</sup> Includes equipment, supplies, stock inventories, etc.<sup>4</sup> Includes Corps of Engineers, civil functions.<sup>5</sup> Estimated present-day evaluation.<sup>6</sup> Includes construction in progress and other.

Source: U.S. Congress, House Committee on Government Operations; *Federal Real and Personal Property Inventory Report, June 30, 1966*. 1966. (89th Congress, 2d Session.)

# No. 550. PROPERTY OF THE FEDERAL GOVERNMENT, BY MAJOR FUNCTION, 1963 and 1964, AND BY KIND, 1966

[In millions of dollars. As of June 30. Figures are acquisition costs or estimated present-day evaluations]

MAJOR FUNCTION	TOTAL		1966				
	1963	1964 <sup>1</sup>	Total	Personal property			Real prop-erty
				Total	Intang-ible assets	Tang-ible assets	
<b>Total</b> .....	315,235	323,881	346,997	244,419	64,371	180,048	102,577
National defense.....	194,136	196,916	208,481	164,000	1,351	162,649	44,481
International affairs and finance.....	21,706	23,030	26,358	25,981	25,815	166	377
Space research and technology.....	1,243	1,991	3,826	1,130	26	1,104	2,696
Agriculture and agricultural resources.....	13,356	15,023	12,755	12,638	9,199	3,439	117
Natural resources.....	39,523	42,241	47,248	2,587	592	1,995	44,661
Commerce and transportation.....	10,319	10,594	11,239	8,372	2,254	6,118	2,867
Housing and community development.....	5,030	4,877	4,610	3,818	3,328	490	792
Health, labor, and welfare.....	619	674	798	472	94	378	326
Education.....	4,332	4,668	5,651	5,497	3,045	2,452	154
Veterans benefits and services.....	3,805	3,934	3,387	1,499	1,110	389	1,888
General government <sup>2</sup> .....	21,166	19,932	22,642	18,425	17,559	866	4,217

<sup>1</sup> Figures for 1965 were not compiled. <sup>2</sup> Includes cash of the Treasurer of the U.S. See table 549.

Source: U.S. Congress, House Committee on Government Operations; *Federal Real and Personal Property Inventory Report, June 30, 1966*. (89th Congress, 2d Session.)

## No. 551. INTERNAL REVENUE COLLECTIONS, BY DETAILED SOURCES: 1965 AND 1966

[In millions of dollars. For years ending June 30. Includes collections outside U.S. Negative figures stem primarily from floor stock credits taken on certain taxes repealed in 1965. See *Historical Statistics, Colonial Times to 1957*, series Y 264-279, for selected items]

TYPE OF TAX	1965	1966	TYPE OF TAX	1965	1966
<b>Total</b> .....	114,435	128,880	<b>Manufacturers' excise taxes—Con.</b>		
Individual income and employment.....	70,765	81,554	Musical instruments <sup>4</sup> .....	26	—2
Withheld.....	52,292	61,573	Mechanical pencils, etc. <sup>4</sup> .....	9	2
Not withheld.....	17,851	19,414	Refrigerators, freezers, air conditioners, etc. <sup>6</sup> .....	76	(Z)
Unemployment insurance.....	622	567	Matches <sup>4</sup> .....	4	1
Corporation income tax.....	26,131	30,834	Business and store machines <sup>4</sup> .....	74	7
Estate tax.....	2,454	2,647	Cameras, lenses, and film <sup>4</sup> .....	35	1
Gift tax.....	291	447	Sporting goods <sup>7</sup> .....	29	10
Alcohol taxes <sup>1</sup> .....	3,773	3,814	Firearms, shells, cartridges.....	22	27
Distilled spirits.....	2,740	2,810	Retailers' excise taxes <sup>4</sup> .....	513	108
Wines, cordials, etc.....	112	113	Furs.....	31	3
Beer.....	920	892	Jewelry.....	205	43
Tobacco taxes <sup>1</sup> .....	2,149	2,074	Luggage.....	81	21
Cigarettes.....	2,070	2,006	Toilet preparations.....	196	41
Cigars.....	61	58	Miscellaneous excise taxes.....	1,786	1,603
Other.....	18	10	Sugar.....	97	103
Documents, other instruments, and playing cards <sup>2</sup> .....	186	146	Telephone, wire, etc., and equipment services.....	1 079	908
Manufacturers' excise taxes.....	6,418	5,614	Transportation of persons <sup>8</sup> .....	126	140
Lubricating oils.....	76	91	Use of safe deposit boxes <sup>9</sup> .....	7	2
Gasoline.....	2,687	2,824	Club dues and initiation fees <sup>10</sup> .....	80	53
Tires and tubes.....	440	482	Bowling alleys, pool tables, etc. <sup>9</sup> .....	5	(Z)
Trucks and buses, chassis, bodies, etc.....	425	460	Coin-operated devices.....	19	17
Passenger cars, chassis, bodies, etc.....	1,888	1,492	Admissions <sup>11</sup> .....	96	81
Parts and accessories for cars, trucks, etc. <sup>3</sup> .....	253	197	Theaters, concerts, etc.....	52	46
Electric, gas, and oil appliances <sup>4</sup> .....	81	5	Cabarets, roof gardens, etc.....	44	36
Electric light bulbs and tubes <sup>5</sup> .....	43	16	Use tax on highway motor vehicles weighing over 26,000 pounds.....	102	104
Radio and television sets, phonographs, components, etc. <sup>4</sup> .....	222	—4	Diesel fuel.....	152	159
Phonograph records <sup>4</sup> .....	27	3	Wagering.....	7	6
			Other <sup>12</sup> .....	16	30
			All other.....	—32	38

Z Less than \$500,000.

<sup>1</sup> Includes taxes collected in Puerto Rico on tobacco and liquor manufactures coming into the United States.

<sup>2</sup> Issues and transfers of stocks and bonds, repealed as of Jan. 1, 1966; playing cards, as of June 22, 1965.

<sup>3</sup> Automobile parts and accessories (except truck parts), repealed as of Jan. 1, 1966.

<sup>4</sup> Repealed as of June 22, 1965.

<sup>5</sup> Sales of light bulbs for incorporation in articles on which manufacturers' tax was repealed as of June 22, 1965 (e.g. refrigerators), are free of tax.

<sup>6</sup> Air conditioners, repealed as of May 15, 1965. Refrigerators and freezers, repealed as of June 22, 1965.

<sup>7</sup> Sporting goods, except fishing equipment, repealed as of June 22, 1965.

<sup>8</sup> Taxes on transportation of persons, repealed as of Nov. 16, 1962, except on air transportation.

<sup>9</sup> Repealed as of July 1, 1965. <sup>10</sup> Repealed as of Jan. 1, 1966. <sup>11</sup> Repealed as of noon, Dec. 31, 1965.

<sup>12</sup> Includes taxes on interest equalization; adulterated butter and filled cheese (imported and domestic), process or renovated butter and imported oleomargarine; narcotics and marihuana; coconut and other vegetable oils processed (repealed as of Aug. 31, 1963); transportation of property and oil by pipeline (repealed as of Aug. 1, 1958); firearms transfer and occupational taxes.

Source: Treasury Dept., Internal Revenue Service; *Annual Report of the Commissioner*.

## No. 552. INCOME TAX RETURNS FILED, BY TYPE: 1965 AND 1966

[In thousands. For years ending June 30. Includes Puerto Rico and Virgin Islands]

TYPE OF RETURN	1965	1966	TYPE OF RETURN	1965	1966
<b>Total</b> .....	<b>102,492</b>	<b>104,078</b>	Employment tax.....	22,266	22,446
Income tax.....	76,113	79,111	Employers' Form 941.....	15,483	15,632
Individual and fiduciary.....	66,965	69,724	Employers' Form 942 <sup>1</sup> .....	4,599	4,577
Individual-citizens and resident aliens.....	65,932	68,632	Employers' Form 943 <sup>2</sup> .....	651	634
Other.....	1,032	1,092	Railroad retirement, Forms Ct-1, Ct-2.....	22	21
Declarations of estimated tax.....	6,197	6,356	Unemployment insurance, Form 940.....	1,510	1,582
Individual.....	6,166	6,329	Estate tax.....	94	103
Corporation.....	31	27	Gift tax.....	122	134
Partnerships.....	977	962	Excise tax.....	3,898	2,284
Corporation.....	1,420	1,502	Occupational.....	1,262	1,003
Other.....	555	567	Form 720 <sup>3</sup> .....	2,289	973
			Alcohol.....	23	22
			Tobacco.....	10	9
			Other.....	314	277

<sup>1</sup> Household employees.    <sup>2</sup> Agricultural employees.    <sup>3</sup> Retailers, manufacturers, etc.Source: Treasury Dept., Internal Revenue Service; *Annual Report of the Commissioner*.

## No. 553. INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1954 TO 1967

[Refers to income after exclusions but before deductions and exemptions. 1954-1963 figures assume deduction of 10 percent of adjusted gross income; 1964 and 1965-1967 figures assume larger of minimum standard deduction or 10 percent of adjusted gross income. Excludes self-employment tax. For similar data based on net income (income after deductions but before personal exemptions), see *Historical Statistics, Colonial Times to 1957*, series Y 319-332]

EFFECTIVE YEARS OF REVENUE ACT AND YEAR ACT PASSED	ADJUSTED GROSS INCOME								
	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
<b>LIABILITY (dollars)</b>									
<b>Single person, no dependent:</b>									
1954-1963.....1954 <sup>1</sup>	60	240	422	818	1,540	2,096	8,324	58,116	383,774
1964.....1964 <sup>2</sup>	16	180	360	720	1,372	1,872	7,410	51,399	327,878
1965-1967.....1964 <sup>2</sup>	14	161	329	671	1,280	1,742	6,982	48,182	300,070
<b>Married couple, no dependent: <sup>3</sup></b>									
1954-1963.....1954 <sup>1</sup>	-	120	300	660	1,240	1,636	5,774	45,576	358,048
1964.....1964 <sup>2</sup>	-	64	226	554	1,080	1,440	5,162	40,768	309,256
1965-1967.....1964 <sup>2</sup>	-	56	200	501	1,000	1,342	4,796	38,460	285,140
<b>Married couple, 2 dependents: <sup>3</sup></b>									
1954-1963.....1954 <sup>1</sup>	-	-	60	420	976	1,372	5,318	44,724	356,956
1964.....1964 <sup>2</sup>	-	-	-	325	840	1,200	4,754	40,016	308,332
1965-1967.....1964 <sup>2</sup>	-	-	-	290	772	1,114	4,412	37,748	284,300
<b>EFFECTIVE RATE <sup>4</sup> (percent)</b>									
<b>Single person, no dependent:</b>									
1954-1963.....1954 <sup>1</sup>	6.0	12.0	14.1	16.4	19.3	21.0	33.3	58.1	76.8
1964.....1964 <sup>2</sup>	1.6	9.0	12.0	14.4	17.2	18.7	29.6	51.4	65.6
1965-1967.....1964 <sup>2</sup>	1.4	8.0	11.0	13.4	16.0	17.4	27.9	48.2	60.0
<b>Married couple, no dependent: <sup>3</sup></b>									
1954-1963.....1954 <sup>1</sup>	-	6.0	10.0	13.2	15.5	16.4	23.1	45.6	71.6
1964.....1964 <sup>2</sup>	-	3.2	7.5	11.1	13.5	14.4	20.6	40.8	61.8
1965-1967.....1964 <sup>2</sup>	-	2.8	6.7	10.0	12.5	13.4	19.2	38.5	57.0
<b>Married couple, 2 dependents: <sup>3</sup></b>									
1954-1963.....1954 <sup>1</sup>	-	-	2.0	8.4	12.2	13.7	21.3	44.7	71.4
1964.....1964 <sup>2</sup>	-	-	-	6.5	10.5	12.0	19.0	40.0	61.7
1965-1967.....1964 <sup>2</sup>	-	-	-	5.8	9.6	11.1	17.6	37.7	56.9

- Represents zero.

<sup>1</sup> Internal Revenue Code of 1954.    <sup>2</sup> Revenue Act of 1964.    <sup>3</sup> Split-income basis.<sup>4</sup> Tax liability divided by stated income.

Source: Treasury Dept.; unpublished data.



# No. 554. INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME— SUMMARY: 1940 TO 1965

[In millions of dollars, except as indicated. Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of returns as filed, unaudited except to insure proper execution. See *Historical Statistics, Colonial Times to 1957*, series Y 292-311, for related data]

ITEM	1940	1945	1950	1955	1960	1964	1965 (prel.)
<b>TOTAL RETURNS</b>							
Number of individual returns 1,000	14, 598	49, 751	52, 656	57, 818	60, 593	64, 943	67, 154
Taxable	7, 437	42, 651	38, 187	44, 689	48, 061	51, 306	53, 643
Nontaxable	7, 161	7, 100	14, 469	13, 129	12, 532	13, 637	13, 511
Adjusted gross income	1 36, 310	120, 301	179, 874	249, 429	316, 558	398, 212	429, 949
Income tax 2	1, 441	17, 050	18, 375	29, 614	39, 464	47, 153	49, 329
Average per return:							
Income	dollars 2, 487	2, 418	3, 416	4, 314	5, 224	6, 132	6, 402
Income tax	dollars 99	343	349	512	651	726	735
Income tax per capita of total population	dollars 11	128	121	179	219	246	255
Percent of total population filing returns 3	16. 7	55. 9	55. 3	56. 4	54. 4	54. 0	54. 8
<b>TAXABLE RETURNS</b>							
Adjusted gross income	1 23, 279	117, 562	158, 545	229, 595	297, 152	376, 005	408, 661
Amount of exemptions 4	10, 380	52, 116	55, 210	71, 182	81, 207	88, 337	91, 915
Taxable income	(NA)	(NA)	(NA)	127, 889	171, 462	229, 268	253, 751
Income tax after credits 2	1, 441	17, 050	18, 375	29, 614	39, 464	47, 153	49, 329
<b>SOURCES OF INCOME (TOTAL RETURNS)</b>							
Salaries, wages, commissions, etc.	27, 654	91, 658	138, 956	5 200, 580	5 257, 684	6 322, 984	6 346, 681
Dividends, domestic and foreign 7	2, 930	3, 906	6, 131	7, 820	9, 470	11, 871	12, 750
Interest	981		1, 583	2, 556	5, 013	10, 039	11, 164
Rents:							
Net income	8 1, 146	8 1, 758	8 3, 184	8 3, 660	3, 506	3, 879	3, 958
Net loss	-	8 176	8 281	8 509	753	1, 187	1, 414
Royalties:							
Net income	(8)	(8)	(8)	(8)	642	653	632
Net loss	-	(8)	(8)	(8)	50	79	61
Business or profession: 9							
Net profit	10 4, 145	10 12, 572	10 16, 847	10 20, 566	10 23, 906	24, 720	26, 100
Net loss	10 131	10 350	10 840	10 1, 297	10 1, 828	1, 033	1, 021
Farm:							
Net profit	(10)	(10)	(10)	(10)	(10)	4, 692	5, 213
Net loss	(10)	(10)	(10)	(10)	(10)	1, 439	1, 349
Partnership:							
Net profit	1, 549	7, 196	8, 554	9, 531	9, 726	10, 801	11, 870
Net loss	29	87	224	330	530	791	830
Sales of capital assets:							
Net gain	329	2, 276	3, 181	5, 024	5, 814	8, 745	10, 676
Net loss	379	182	314	358	674	922	850
Sales of property other than capital assets:							
Net gain	40	64	101	94	67	70	53
Net loss	38	70	132	121	106	179	194
Annuities and pensions	-	195	430	870	1, 614	3, 111	3, 557
Estates and trusts:							
Income	756	946	1, 690	565	671	(NA)	(NA)
Loss	-	-	-	13	22	(NA)	(NA)
Other sources 11	748	595	1, 009	793	2, 407	2, 277	3, 015

- Represents zero. NA Not available.

1 Net income. 2 Income and defense tax before credits for 1940; income tax after credits thereafter.

3 Joint returns counted twice in computing percent.

4 Exemptions 1940: Married \$2,000, single \$800, each dependent \$400. Exemptions 1945: Married \$1,000, single \$500, each dependent \$500. Exemptions 1950 and after: Joint return \$1,200, single \$600, each dependent \$600, additional exemption for taxpayer, and his spouse on joint return, of \$600 if blind and \$600 if age 65 or over.

5 Salaries after sick pay exclusion. 6 Gross salaries.

7 Beginning 1955, dividends after exclusions. 8 Royalties included with rents.

9 For 1950, business profit or loss after net operating loss deduction.

10 Farm included with business or profession.

11 Comprises all income subject to income tax not elsewhere listed; for 1945-1955, includes not more than \$100 per return reported on Form W-2 of dividends, interest, and wages not subject to income tax withholding. However, for 1955-1965, this income has been reduced by net operating loss deduction. For 1964 and 1965, also includes estates and trusts income and loss and ordinary gain from sales of depreciable property.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Individual Income Tax Returns*.

## Individual Income Taxes

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NO. 555. INDIVIDUAL INCOME RETURNS AND TAXES—STATES AND OTHER AREAS:  
1950, 1960, AND 1964

[Number in thousands; money figures in millions of dollars. Aggregates in this table differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data and, for 1960 and 1964, the inclusion of returns with no adjusted gross income]

STATE OR OTHER AREA	1950			1960			1964				
	Num- ber of re- turns	Ad- justed gross income	Income tax after credits	Num- ber of re- turns	Ad- justed gross income less deficit <sup>1</sup>	Income tax after credits	Num- ber of re- turns	Ad- justed gross income less deficit <sup>1</sup>	Income tax after credits	Num- ber of tax- payers	Number of persons repre- sented on tax re- turns
Total.....	52,665	180,065	18,390	61,025	315,832	39,545	65,375	396,718	47,160	104,105	179,519
N.E.....	3,787	12,362	1,281	4,006	20,898	2,712	4,169	25,669	3,159	6,466	10,854
Maine.....	320	847	65	342	1,408	148	346	1,710	173	554	986
N.H.....	210	578	49	233	1,078	125	251	1,337	146	399	689
Vt.....	126	353	27	132	538	56	135	692	72	216	388
Mass.....	1,931	6,309	650	2,004	10,509	1,362	2,053	12,543	1,520	3,123	5,183
R.I.....	328	1,055	109	321	1,497	186	331	1,899	230	517	855
Conn.....	870	3,219	380	974	5,868	835	1,052	7,487	1,019	1,657	2,753
M.A.....	12,193	43,705	4,714	12,910	71,993	9,401	13,294	87,616	11,016	20,697	34,950
N.Y.....	6,124	22,978	2,626	6,524	38,036	5,077	6,765	46,328	5,969	10,400	17,467
N.J.....	2,008	7,307	743	2,306	13,303	1,739	2,466	16,729	2,102	3,859	6,588
Pa.....	4,060	13,420	1,344	4,080	20,654	2,586	4,063	24,560	2,945	6,438	10,895
E.N.C.....	11,887	42,319	4,402	12,705	69,834	9,084	13,315	85,473	10,506	21,394	36,956
Ohio.....	3,066	10,712	1,088	3,363	18,472	2,385	3,491	22,099	2,667	5,662	9,792
Ind.....	1,464	4,817	450	1,566	8,022	997	1,660	9,908	1,156	2,703	4,612
Ill.....	3,593	13,469	1,511	3,762	21,551	2,951	3,935	26,236	3,398	6,202	10,430
Mich.....	2,477	9,205	968	2,624	14,822	1,908	2,778	18,922	2,361	4,523	8,134
Wis.....	1,286	4,117	385	1,390	6,967	843	1,452	8,309	925	2,304	3,988
W.N.C.....	4,923	15,320	1,393	5,264	24,002	2,812	5,447	29,263	3,192	8,785	15,088
Minn.....	1,076	3,429	300	1,155	5,483	641	1,223	6,805	733	1,938	3,468
Iowa.....	938	2,887	247	957	4,229	477	967	5,079	536	1,574	2,677
Mo.....	1,346	4,346	438	1,472	7,115	884	1,527	8,660	1,014	2,455	4,125
N. Dak.....	199	549	41	207	737	75	214	985	90	342	620
S. Dak.....	215	558	41	226	783	77	231	967	87	376	666
Nebr.....	479	1,474	135	509	2,204	262	526	2,662	291	857	1,456
Kans.....	670	2,076	191	738	3,451	396	760	4,106	440	1,242	2,076
S.A.....	6,224	19,405	1,800	8,027	37,219	4,302	9,057	49,762	5,644	14,253	24,981
Del.....	128	546	110	159	971	167	174	1,312	214	274	485
Md.....	<sup>2</sup> 1,162	<sup>2</sup> 3,817	<sup>2</sup> 368	1,187	6,416	802	1,413	8,906	1,083	2,174	3,831
D.C.....	374	1,418	170	342	1,851	273	308	1,937	288	402	668
Va.....	957	2,927	253	1,248	5,818	676	1,373	7,764	885	2,154	3,803
W. Va.....	600	1,728	132	544	2,406	269	533	2,775	302	863	1,493
N.C.....	959	2,759	219	1,320	5,267	520	1,463	7,056	696	2,300	4,157
S.C.....	453	1,307	102	606	2,395	227	676	3,241	313	1,077	1,946
Ga.....	771	2,308	192	1,055	4,712	517	1,291	6,760	723	2,052	3,593
Fla.....	822	2,595	254	1,566	7,383	851	1,826	10,012	1,139	2,957	5,005
E.S.C.....	2,447	7,150	604	3,159	13,143	1,398	3,415	17,099	1,762	5,564	9,837
Ky.....	715	2,117	178	855	3,508	376	906	4,508	468	1,477	2,586
Tenn.....	805	2,377	210	1,047	4,334	474	1,137	5,662	601	1,842	3,208
Ala.....	635	1,836	148	825	3,618	384	893	4,669	480	1,465	2,602
Miss.....	292	820	67	432	1,683	164	478	2,261	213	779	1,441
W.S.C.....	3,826	12,828	1,339	4,886	22,296	2,670	5,395	28,700	3,232	8,880	15,539
Ark.....	344	949	74	456	1,677	165	512	2,305	225	840	1,454
La.....	638	2,080	202	834	3,838	448	912	4,921	542	1,497	2,716
Okla.....	607	1,925	181	723	3,205	364	773	4,038	438	1,290	2,165
Tex.....	2,238	7,874	883	2,873	13,576	1,693	3,198	17,435	2,028	5,253	9,204
Mt.....	1,656	5,575	521	2,256	11,275	1,325	2,501	14,169	1,525	4,063	7,267
Mont.....	209	694	64	227	984	110	237	1,165	119	379	654
Idaho.....	191	580	45	216	962	104	222	1,102	107	369	643
Wyo.....	101	353	34	116	566	71	119	640	70	196	333
Colo.....	471	1,609	160	616	3,250	399	677	3,952	438	1,092	1,888
N. Mex.....	179	621	58	275	1,310	145	296	1,548	160	488	929
Ariz.....	214	748	75	403	2,115	254	477	2,779	303	777	1,366
Utah.....	225	712	53	289	1,438	153	314	1,887	185	517	1,016
Nev.....	66	257	32	114	650	89	157	1,095	144	246	438
Pac.....	5,722	21,402	2,336	7,645	44,548	5,772	8,623	58,176	7,032	13,754	23,582
Wash.....	<sup>3</sup> 911	<sup>3</sup> 3,255	<sup>3</sup> 335	974	5,321	662	1,038	6,462	751	1,696	2,894
Oreg.....	553	2,005	206	610	3,145	383	670	4,127	476	1,107	1,865
Calif.....	4,078	15,558	1,740	5,769	34,493	4,517	6,589	45,599	5,566	10,467	17,949
Alaska.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	58	394	56	71	514	64	111	208
Hawaii.....	180	584	55	234	1,195	154	255	1,473	175	373	666
Other areas <sup>4</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	167	626	69	159	791	92	249	467

<sup>1</sup> Deficit occurred when deductions allowed for computation of adjusted gross income exceeded gross income.<sup>2</sup> Puerto Rico and Virgin Islands included in Maryland. <sup>3</sup> Alaska included in Washington.<sup>4</sup> Returns with addresses outside the U.S.Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Individual Income Tax Returns*.



# No. 556. INDIVIDUAL INCOME AND EMPLOYMENT TAX RECEIPTS—STATES AND OTHER AREAS: 1960, 1965, AND 1966

[In millions of dollars. For years ending June 30. Receipts in the various States do not indicate tax burden of each State since, in many instances, taxes are collected in one State from residents of another]

STATE OR OTHER AREA	1960	1965	1966	STATE OR OTHER AREA	1960	1965	1966
<b>Total</b> .....	56,104	70,765	81,554	<b>South Atlantic—Con.</b>			
<b>New England</b> .....	3,456	4,137	5,299	South Carolina.....	260	387	439
Maine.....	164	197	249	Georgia.....	669	977	1,163
New Hampshire.....	142	179	224	Florida.....	994	1,365	1,544
Vermont.....	68	86	108	<b>East South Central</b> .....	1,608	2,161	2,347
Massachusetts.....	1,789	2,108	2,606	Kentucky.....	437	557	607
Rhode Island.....	262	329	411	Tennessee.....	552	771	825
Connecticut.....	1,031	1,238	1,699	Alabama.....	436	566	624
<b>Middle Atlantic</b> .....	15,215	17,368	21,533	Mississippi.....	184	268	291
New York.....	9,395	10,343	13,679	<b>West South Central</b> .....	3,253	4,263	4,815
New Jersey.....	1,830	2,437	2,765	Arkansas.....	186	273	302
Pennsylvania.....	3,989	4,588	5,090	Louisiana.....	515	704	811
<b>East North Central</b> .....	13,313	16,183	18,753	Oklahoma.....	493	581	639
Ohio.....	3,540	4,241	5,356	Texas.....	2,059	2,705	3,063
Indiana.....	1,286	1,699	1,870	<b>Mountain</b> .....	1,864	2,364	2,516
Illinois.....	4,414	5,339	6,092	Montana.....	122	142	148
Michigan.....	3,035	3,638	4,029	Idaho.....	127	163	188
Wisconsin.....	1,038	1,266	1,406	Wyoming.....	68	76	77
<b>West North Central</b> .....	3,866	4,712	5,246	Colorado.....	837	1,052	1,115
Minnesota.....	946	1,198	1,340	New Mexico.....	167	197	210
Iowa.....	530	630	714	Arizona.....	252	336	357
Missouri.....	1,362	1,676	1,880	Utah.....	186	232	244
North Dakota.....	88	109	116	Nevada.....	104	166	177
South Dakota.....	94	115	121	<b>Pacific</b> .....	7,227	9,265	10,213
Nebraska.....	389	444	494	Washington.....	791	961	1,156
Kansas.....	457	540	581	Oregon.....	477	586	648
<b>South Atlantic</b> .....	5,409	7,453	8,443	California.....	5,746	7,424	8,095
Delaware.....	323	443	514	Alaska.....	51	75	72
Maryland <sup>1</sup> .....	1,506	2,012	2,202	Hawaii.....	163	220	242
Virginia.....	715	999	1,139	<b>International operations</b> .....	169	289	353
West Virginia.....	253	301	331	Puerto Rico.....	28	66	76
North Carolina.....	689	970	1,112	Other.....	142	223	278
				<b>Undistributed</b> .....	724	2,570	2,034

<sup>1</sup> Includes District of Columbia; separate data not available.

Source: Treasury Dept., Internal Revenue Service; *Annual Report of the Commissioner*.

# No. 557. INDIVIDUAL INCOME TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1950, 1960, AND 1965

[Number of returns in thousands; money figures in millions of dollars. Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of returns as filed, unaudited]

ADJUSTED GROSS INCOME CLASS	NUMBER OF RETURNS			ADJUSTED GROSS INCOME			INCOME TAX AFTER CREDITS		
	1950	1960	1965 (prel.)	1950	1960	1965 (prel.)	1950	1960	1965 (prel.)
<b>Total</b> .....	52,656	60,593	67,154	179,874	316,558	429,949	18,375	39,464	49,329
<b>Taxable returns</b> .....	38,187	48,061	53,643	158,545	297,152	408,661	18,375	39,464	49,329
Under \$1,000.....	1,570	1,353	552	1,311	1,123	520	40	39	4
\$1,000 to \$1,999.....	5,997	4,170	4,490	9,200	6,222	6,639	610	490	329
\$2,000 to \$2,999.....	8,718	5,034	4,307	21,943	12,677	10,821	1,539	1,096	765
\$3,000 to \$3,999.....	8,669	5,794	5,040	30,155	20,307	17,667	2,177	1,886	1,353
\$4,000 to \$4,999.....	5,740	6,401	5,183	25,558	28,812	23,347	2,044	2,764	1,870
\$5,000 to \$9,999.....	6,115	19,998	22,996	39,046	138,455	167,362	3,984	15,362	15,411
\$10,000 to \$14,999.....	679	3,637	7,704	8,149	42,752	91,646	1,157	6,159	10,717
\$15,000 to \$49,999.....	616	1,549	3,141	14,933	35,278	69,233	3,261	7,283	11,601
\$50,000 to \$99,999.....	63	101	186	4,193	6,648	12,284	1,517	2,273	3,622
\$100,000 to \$499,999.....	20	23	43	3,205	3,808	6,941	1,545	1,607	2,688
\$500,000 to \$999,999.....	1	1	1	419	486	905	240	226	395
\$1,000,000 and over.....	(Z)	(Z)	1	433	584	1,296	261	281	574
<b>Nontaxable returns</b> .....	14,469	12,532	13,511	21,329	19,405	21,288	-	-	-

- Represents zero. Z Less than 500.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Individual Income Tax Returns*.



# No. 558. INDIVIDUAL INCOME TAX RETURNS—SOURCES OF INCOME, BY ADJUSTED GROSS INCOME CLASSES: 1964 AND 1965

[In millions of dollars. Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of returns as filed, unaudited except to insure proper execution]

YEAR AND SOURCE OF INCOME	Total <sup>1</sup>	TAXABLE RETURNS							
		Total	Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$49,999	\$50,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 and over
1964									
Adjusted gross income.....	398,212	376,005	59,137	161,862	78,094	59,180	16,078	700	952
Salaries, gross.....	322,984	308,287	51,987	147,737	68,505	35,176	4,814	47	21
Dividends after exclusions.....	11,871	11,126	639	1,291	1,151	3,881	3,520	254	390
Interest.....	10,039	8,448	1,480	2,641	1,541	2,117	635	18	16
Rents:									
Net income.....	3,879	3,085	510	859	504	931	277	3	2
Net loss.....	1,187	1,011	135	395	206	210	62	1	2
Royalties:									
Net income.....	653	574	41	107	69	198	144	7	6
Net loss.....	79	72	2	16	7	22	21	1	2
Business or profession: <sup>2</sup>									
Net profit.....	24,720	22,860	2,435	5,822	3,786	8,946	1,851	11	9
Net loss.....	1,033	699	135	243	92	131	82	7	10
Farm: <sup>2</sup>									
Net profit.....	4,692	3,442	872	1,320	532	628	89	1	(Z)
Net loss.....	1,439	1,018	236	341	112	202	117	5	5
Partnership:									
Net profit.....	10,801	10,400	452	1,633	1,400	4,753	2,127	21	14
Net loss.....	791	601	41	83	68	234	149	13	13
Sales of capital assets:									
Net gain.....	8,745	8,105	418	1,037	867	2,376	2,526	360	521
Net loss.....	922	812	110	279	172	222	29	(Z)	(Z)
Sales of property other than capital assets:									
Net gain.....	70	55	7	16	10	16	6	(Z)	(Z)
Net loss.....	179	141	17	44	21	42	17	(Z)	(Z)
Annuities and pensions, taxable portion.....	3,111	2,056	642	782	275	279	76	1	1
Other sources <sup>3</sup> .....	2,277	1,924	330	19	133	942	489	6	4
1965 (prel.)									
Adjusted gross income.....	429,949	408,661	58,995	167,362	91,646	69,233	19,226	905	1,296
Salaries, gross.....	346,681	332,812	51,789	152,421	80,734	42,029	5,749	57	33
Dividends after exclusions.....	12,750	12,043	622	1,447	1,252	4,015	4,003	286	417
Interest.....	11,164	9,549	1,570	2,878	1,793	2,483	778	24	22
Rents:									
Net income.....	3,958	3,214	496	881	540	982	310	3	2
Net loss.....	1,414	1,189	148	426	249	284	77	2	3
Royalties:									
Net income.....	632	562	43	98	73	188	138	15	6
Net loss.....	61	52	3	3	5	13	24	2	2
Business or profession: <sup>2</sup>									
Net profit.....	26,100	24,387	2,175	5,773	4,259	9,871	2,283	11	15
Net loss.....	1,021	734	130	224	112	147	99	8	13
Farm: <sup>2</sup>									
Net profit.....	5,213	3,963	820	1,489	728	819	106	1	2
Net loss.....	1,349	1,004	203	335	125	197	130	6	8
Partnership:									
Net profit.....	11,870	11,467	423	1,621	1,458	5,338	2,564	43	20
Net loss.....	830	644	44	117	76	200	180	14	13
Sales of capital assets:									
Net gain.....	10,676	9,991	475	1,194	1,072	2,940	3,057	467	787
Net loss.....	850	754	97	269	162	200	27	(Z)	(Z)
Sales of property other than capital assets:									
Net gain.....	53	45	3	9	8	19	5	(Z)	(Z)
Net loss.....	194	151	17	49	25	41	17	1	(Z)
Annuities and pensions, taxable portion.....	3,557	2,461	769	867	350	386	88	1	1
Other sources <sup>3</sup> .....	3,015	2,696	454	107	135	1,243	698	29	31

Z Less than \$500,000. <sup>1</sup> Includes nontaxable returns, not shown separately.

<sup>2</sup> Business profit and loss without deduction for net operating loss.

<sup>3</sup> Includes dividends and interest not exceeding \$200 per return reported on Form 1040A. For Form 1040 returns include estate and trust income, ordinary gain from sales of depreciable property, and gross income adjustments. Also includes "other income" reduced by the net operating loss deduction.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Individual Income Tax Returns*.

No. 559. INDIVIDUAL INCOME TAX RETURNS WITH ITEMIZED DEDUCTIONS, BY ADJUSTED GROSS INCOME CLASSES: 1964

[Money figures in millions of dollars. Includes returns of resident aliens. Based on a sample of returns as filed, unaudited except to insure proper execution]

ADJUSTED GROSS INCOME CLASSES	Returns with itemized deductions (1,000)	Adjusted gross income	ITEMIZED DEDUCTIONS					
			Total	Medical, dental expense	Taxes	Interest	Contributions	Other
Total.....	26,910	244,070	46,832	7,095	14,071	12,457	8,327	4,882
Taxable returns.....	25,009	237,951	43,637	6,000	13,448	11,780	7,898	4,511
Under \$1,000.....	12	11	3	1	1	(Z)	1	(Z)
\$1,000 to \$1,999.....	365	588	174	62	40	15	35	21
\$2,000 to \$2,999.....	947	2,419	640	196	156	85	120	83
\$3,000 to \$3,999.....	1,549	5,486	1,309	371	329	230	236	143
\$4,000 to \$4,999.....	2,089	9,439	2,121	522	549	447	357	246
\$5,000 to \$9,999.....	12,827	94,295	18,671	2,836	5,454	5,556	2,934	1,890
\$10,000 to \$14,999.....	4,726	56,340	9,804	1,053	3,202	2,979	1,629	941
\$15,000 to \$49,999.....	2,304	51,998	8,001	811	2,843	1,946	1,597	803
\$50,000 and over.....	190	17,375	2,916	148	873	522	988	385
Nontaxable returns.....	1,900	6,119	3,195	1,095	623	676	429	371

Z Less than \$500,000.  
Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1964, Individual Income Tax Returns, Advance Data.*

No. 560. SALES OF CAPITAL ASSETS REPORTED ON INDIVIDUAL INCOME TAX RETURNS: 1962

[Includes data from income tax returns of citizens and resident aliens; based on a sample of returns as filed and unaudited]

ASSET TYPE	Returns with sale of specified type (1,000)	NUMBER OF TRANS-ACTIONS (1,000)			TRANSACTION DETAIL (mil. dol.)				
		Total	Gain	Loss	Gross sales price	Depreciation	Cost and expense of sale	Gross gain	Gross loss
Total <sup>1</sup> .....	5,808	16,010	9,947	6,063	53,151	1,992	46,723	17,293	6,276
Corporate stock.....	2,122	8,858	4,184	4,674	32,042	(X)	28,898	7,138	4,086
Short-term.....	667	2,828	1,261	1,567	10,634	(X)	11,114	388	871
Under 3 months.....	(NA)	1,631	798	833	6,572	(X)	6,685	226	341
3 to 6 months.....	(NA)	879	294	585	2,585	(X)	2,896	104	415
Not reported.....	(NA)	319	170	149	1,477	(X)	1,533	58	115
Long-term.....	1,946	6,030	2,923	3,107	21,408	(X)	17,784	6,750	3,215
Over 6 under 12 months.....	(NA)	1,476	474	1,002	4,138	(X)	4,592	429	887
1 to 3 years.....	(NA)	2,136	871	1,265	6,372	(X)	6,671	1,073	1,382
3 to 5 years.....	(NA)	742	414	328	2,758	(X)	2,293	820	367
5 to 10 years.....	(NA)	710	450	260	3,188	(X)	2,001	1,439	274
10 years or more.....	(NA)	415	338	77	2,968	(X)	1,019	2,039	112
Not reported.....	(NA)	557	381	176	1,984	(X)	1,208	950	193
Securities other than corporate stock <sup>2</sup> .....	131	260	142	117	3,088	(X)	3,104	118	133
Capital gain dividends.....	1,609	1,676	1,637	39	(X)	(X)	(X)	527	17
Share of capital gain (loss) from partnerships and fiduciaries.....	387	446	335	111	(X)	(X)	(X)	1,064	138
Assets used in trade or business.....	448	699	494	205	3,628	908	3,589	1,052	169
Livestock.....	690	1,377	1,141	236	1,017	98	395	751	33
Real estate <sup>3</sup> .....	732	838	696	142	9,725	616	7,470	2,763	209

NA Not available. X Not applicable.  
<sup>1</sup> Includes items not shown separately.  
<sup>2</sup> Includes U.S. Government obligations; State and local securities; and other bonds, notes, and debentures.  
<sup>3</sup> Includes residences; nonbusiness real estate; real estate subdivided; farmland with unharvested crops; and other farmland.  
Source: Treasury Dept., Internal Revenue Service; *Statistics of Income Supplemental Report, Sales of Capital Assets Reported on 1962 Individual Income Tax Returns.*



## No. 561. CORPORATION INCOME TAX RETURNS—SUMMARY: 1940 TO 1964

[Money figures in millions of dollars. Based on returns for periods ending between July 1 of year shown and July 1 of following year, as filed, prior to audit adjustments and other changes made after filing. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. Excludes returns of inactive corporations. See source publications for changes in law affecting comparability of historical data. Beginning 1955, based on a probability sample. Corporate data based on income tax returns appear on pp. 484, 489, 491, and 492. See also *Historical Statistics, Colonial Times to 1957*, series Y 280-291]

ITEM	1940	1945	1950	1955	1960	1962	1963	1964
<b>Returns with and without net income:</b>								
Number of returns	473, 042	421, 125	629, 314	807, 303	1, 140, 574	1,268,042	1,323,187	1,373,517
Total receipts <sup>1</sup>	148,237	255,448	458,130	642,248	849,132	949,305	1,008,743	1,086,739
Net income less deficit <sup>2</sup>	8,919	21,139	42,613	47,478	43,505	49,606	54,285	61,575
Total tax liability <sup>3</sup>	2,549	10,795	17,317	21,741	21,866	23,097	25,193	26,538
Income tax <sup>3</sup>	2,144	4,183	15,929	21,741	21,866	23,097	25,193	26,538
Excess profits tax	405	6,612	1,387	(X)	(X)	(X)	(X)	(X)
Distributions to stockholders other than in own stock	6,089	6,081	11,553	13,592	17,193	19,565	21,105	23,305
<b>Returns with net income:</b>								
Number of returns	220,977	303,019	426,283	513,270	670,239	783,195	808,045	858,515
Total receipts <sup>1</sup>	125,180	239,046	430,688	584,975	724,451	825,255	887,327	968,053
Net income <sup>2</sup>	11,203	22,165	44,141	50,329	50,382	56,248	61,315	68,735
Total tax liability <sup>3</sup>	2,549	10,795	17,317	21,741	21,866	23,097	25,193	26,538
Income tax <sup>3</sup>	2,144	4,183	15,929	21,741	21,866	23,097	25,193	26,538
Excess profits tax	405	6,612	1,387	(X)	(X)	(X)	(X)	(X)
Distributions to stockholders other than in own stock	5,888	5,918	11,455	13,401	16,607	18,802	20,536	22,764
<b>Returns without net income:</b>								
Number of returns	252,065	118,106	203,031	294,033	470,335	484,847	515,142	515,002
Total receipts <sup>1</sup>	23,056	16,402	27,442	57,273	124,681	124,051	121,416	118,687
Deficit <sup>2</sup>	2,284	1,026	1,527	2,851	6,877	6,642	7,030	7,159
Distributions to stockholders other than in own stock	200	163	98	192	586	763	569	541
Inactive corporations, number of returns	43,741	33,335	36,678	34,822	47,068	50,715	58,490	63,692

X Not applicable. <sup>1</sup> Consists of business receipts, interest less amortizable bond premium, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income.

<sup>2</sup> Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; beginning 1963, includes certain constructive receipts from foreign subsidiaries.

<sup>3</sup> For 1940, includes defense tax. Beginning 1962, data are after adjustment for investment credit.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Corporation Income Tax Returns*.

## No. 562. ESTIMATED OWNERSHIP OF FEDERAL SECURITIES: 1940 TO 1966

[In billions of dollars, except percent. As of December 31. Par values, except U.S. savings bonds series A to F and J included at current redemption value. Data refer to securities issued or guaranteed by the U.S. Government, excluding guaranteed securities held by the Treasury]

OWNERSHIP	1940	1945	1950	1955	1960	1964	1965	1966
<b>Total outstanding</b>	<b>50.9</b>	<b>278.7</b>	<b>256.7</b>	<b>280.8</b>	<b>290.4</b>	<b>318.7</b>	<b>321.4</b>	<b>329.8</b>
Commercial banks <sup>1</sup>	17.3	90.8	61.8	62.0	62.1	64.0	60.8	57.2
Federal Reserve banks	2.2	24.3	20.8	24.8	27.4	37.0	40.8	44.3
U.S. Government investment accounts	7.6	27.0	39.2	51.7	55.1	60.6	61.9	68.8
Private nonbank investors	23.9	136.6	134.9	142.3	145.8	157.1	158.0	159.5
Individuals <sup>2</sup>	10.6	64.1	66.3	65.0	66.1	70.0	72.3	75.6
Insurance companies	6.9	24.0	18.7	14.6	11.9	11.1	10.4	9.6
Mutual savings banks	3.2	10.7	10.9	8.5	6.3	5.7	5.4	4.7
Corporations <sup>3</sup>	2.0	22.2	19.7	23.2	18.7	17.9	15.5	14.7
State and local governments	.5	6.5	8.8	15.4	18.7	21.2	22.9	23.8
Foreign and international <sup>4</sup>	.2	2.4	4.3	7.5	13.0	16.7	16.7	14.3
Other <sup>5</sup>	.5	6.6	6.2	8.1	11.2	14.5	14.7	16.7
<b>PERCENT DISTRIBUTION</b>								
<b>Total outstanding</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Commercial banks <sup>1</sup>	34.0	32.6	24.1	22.1	21.4	20.1	18.9	17.4
Federal Reserve banks	4.3	8.7	8.1	8.8	9.4	11.6	12.7	13.4
U.S. Government investment accounts	14.9	9.7	15.3	18.4	19.0	19.0	19.3	20.9
Private nonbank investors	47.0	49.0	52.6	50.7	50.2	49.3	49.2	48.4
Individuals <sup>2</sup>	20.8	23.0	25.8	23.2	22.8	22.0	22.5	22.9
Insurance companies	13.6	8.6	7.3	5.2	4.1	3.5	3.2	2.9
Mutual savings banks	6.3	3.8	4.2	3.0	2.2	1.8	1.7	1.4
Corporations <sup>3</sup>	3.9	8.0	7.7	8.3	6.4	5.6	4.8	4.5
State and local governments	1.0	2.3	3.4	5.5	6.4	6.6	7.1	7.2
Foreign and international <sup>4</sup>	0.4	0.9	1.7	2.7	4.5	5.2	5.2	4.3
Other <sup>5</sup>	1.0	2.4	2.4	2.9	3.9	4.6	4.6	5.1

<sup>1</sup> Consists of commercial banks, trust companies, and stock savings banks in the U.S. and outlying areas.

<sup>2</sup> Includes partnerships and personal trust accounts. <sup>3</sup> Exclusive of banks and insurance companies.

<sup>4</sup> Consists of the investments of foreign balances and international accounts in the U.S. <sup>5</sup> Consists of savings and loan associations, nonprofit institutions, corporate pension trust funds, and dealers and brokers.

Source: Treasury Dept.; *Treasury Bulletin*.



## No. 563. PUBLIC AND PRIVATE DEBT: 1940 TO 1966

[In billions of dollars. Data as of end of calendar year except State and local government debt as of June 30. See text, p. 383. See also *Historical Statistics, Colonial Times to 1957*, series X 423-434]

YEAR	Public and private, total	PUBLIC			PRIVATE						
		Total <sup>1</sup>	Federal <sup>1</sup>	State and local <sup>2</sup>	Total	Corporate		Individuals and noncorporate			
						Long-term <sup>3</sup>	Short-term <sup>3</sup>	Mortgage		Nonmortgage	
								Farm	Non-farm	Farm <sup>4</sup>	Non-farm <sup>5</sup>
GROSS DEBT											
1940-----	215.8	73.8	53.6	20.2	142.0	51.2	37.7	6.5	26.0	2.6	17.9
1945-----	463.3	309.2	292.6	16.6	154.1	45.3	54.2	4.8	27.0	2.5	20.4
1950-----	566.4	290.6	266.4	24.2	275.8	72.2	94.9	6.1	59.4	6.2	37.2
1955-----	786.4	345.0	301.8	43.2	441.3	108.1	142.9	9.1	108.7	9.7	62.8
1960-----	1,037.2	389.2	322.1	67.1	648.0	168.0	193.6	12.8	174.5	12.3	86.9
1961-----	1,100.5	402.7	330.2	72.5	697.8	180.5	207.0	13.9	190.4	13.6	92.4
1962-----	1,176.1	422.6	341.7	80.9	753.5	194.9	221.3	15.2	206.3	15.0	100.8
1963-----	1,256.6	435.4	348.7	86.7	821.1	210.9	238.7	16.8	225.5	16.4	112.8
1964-----	1,342.3	450.5	358.3	92.2	891.8	233.4	254.2	18.9	244.4	17.1	123.8
1965-----	1,435.5	457.0	356.9	100.1	978.6	255.8	283.9	21.2	263.2	18.1	136.2
1966-----	1,539.2	475.8	370.1	105.7	1,063.4	281.5	313.9	23.3	278.5	18.8	147.4
NET DEBT											
1940-----	189.9	61.3	44.8	16.5	128.6	43.7	31.9	6.5	26.0	2.6	17.9
1945-----	406.3	266.4	252.7	13.7	139.9	38.3	47.0	4.8	27.0	2.5	20.4
1950-----	490.3	239.4	218.7	20.7	250.9	60.1	81.9	6.1	59.4	6.2	37.2
1955-----	672.3	269.8	231.5	38.4	402.5	90.0	122.2	9.1	108.7	9.7	62.8
1960-----	890.2	301.0	241.0	60.0	589.2	139.1	163.6	12.8	174.5	12.3	86.9
1961-----	947.7	313.1	248.1	65.0	634.6	149.3	175.0	13.9	190.4	13.6	92.4
1962-----	1,016.7	331.2	257.5	73.7	685.5	161.2	187.0	15.2	206.3	15.0	100.8
1963-----	1,089.5	341.9	262.4	79.5	747.6	174.4	201.7	16.8	225.5	16.4	112.8
1964-----	1,166.4	354.6	269.4	85.2	811.8	192.9	214.8	18.9	244.4	17.1	123.8
1965-----	1,257.6	367.6	272.5	95.1	890.0	211.3	239.9	21.2	263.2	18.1	136.2
1966-----	1,346.1	380.8	279.9	100.9	965.2	232.4	264.8	23.3	278.5	18.8	147.4

<sup>1</sup> Includes categories of debt not subject to statutory debt limit. Net Federal debt defined as gross debt outstanding less Federal Government securities held by Federal agencies and trust funds, and Federal agency securities held by U.S. Treasury and other Federal agencies; it thus equals Federal Government and agency debt held by the public.

<sup>2</sup> Includes State loans to local units.

<sup>3</sup> Long-term debt, original maturity of 1 year or more from date of issue; short-term, less than 1 year.

<sup>4</sup> Debt of farmers and farm cooperatives to institutional lenders and Federal Government lending agencies; farmers' financial and consumer debt included under "nonfarm" category.

<sup>5</sup> Comprises debt incurred for commercial (nonfarm), financial, and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, July 1960, July 1964, and May 1967. (Based on data from various governmental agencies.)

## No. 564. U.S. SAVINGS BONDS—AMOUNTS OUTSTANDING, SALES, ACCRUED DISCOUNTS, AND REDEMPTIONS: 1935 TO 1966

[In millions of dollars. As of December 31]

PERIOD OR YEAR	Amounts outstanding at end of period <sup>1</sup>	Funds received from sales	Accrued discounts	Redemptions <sup>2</sup>	YEAR	Amounts outstanding at end of period <sup>1</sup>	Funds received from sales	Accrued discounts	Redemptions <sup>2</sup>
1935-41-----	6,140	6,486	201	547	1950-----	58,019	6,074	1,104	5,840
1942-----	15,050	9,157	102	349	1955-----	57,924	6,276	1,216	7,301
1943-----	27,363	13,729	169	1,585	1960-----	47,159	4,350	1,262	6,732
1944-----	40,361	16,044	295	3,341	1965-----	50,324	4,486	1,527	5,441
1945-----	48,183	12,937	484	5,558	1966-----	50,752	4,860	1,591	6,000

<sup>1</sup> Interest-bearing debt only. <sup>2</sup> Comprises both matured and unmatured bonds.

Source: Treasury Dept. Monthly data published currently in *Treasury Bulletin* and *Federal Reserve Bulletin*.

## No. 565. PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1900 TO 1966

[In millions of dollars, except as indicated. As of June 30. Prior to 1920, on basis of public debt accounts; 1920 to 1952, on basis of daily Treasury statements; beginning 1953, on basis of *Monthly Statement of Receipts and Expenditures of the U.S. Government*. See also *Historical Statistics, Colonial Times to 1957*, series Y 354, 368, 369, and 372]

YEAR	GROSS DEBT			INTEREST PAID		YEAR	GROSS DEBT			INTEREST PAID	
	Total	Per capita <sup>1</sup>	Interest bearing <sup>2</sup>	Total	Percent of Federal expenditures <sup>3</sup>		Total	Per capita <sup>1</sup>	Interest bearing <sup>2</sup>	Total	Percent of Federal expenditures <sup>3</sup>
1900-----	1,263	\$17	1,023	40	7.7	1940-----	42,968	\$325	42,376	1,041	11.5
1905-----	1,132	14	895	25	4.3	1941-----	48,961	367	48,387	1,111	8.4
1910-----	1,147	12	913	21	3.1	1942-----	72,422	537	71,968	1,260	3.7
1915-----	1,191	12	970	23	3.0	1943-----	136,696	1,000	135,380	1,808	2.3
1917-----	2,976	29	2,713	25	1.3	1944-----	201,003	1,452	199,543	2,609	2.7
1918-----	12,455	119	12,198	190	1.5	1945-----	258,682	1,849	256,357	3,617	3.7
1919-----	25,485	243	25,237	619	3.3	1946-----	269,422	1,905	268,111	4,722	7.8
1920-----	24,299	228	24,063	1,020	15.9	1947-----	258,286	1,792	255,113	4,958	12.7
1921-----	23,977	221	23,739	999	19.5	1948-----	252,292	1,721	250,063	5,211	15.8
1922-----	22,963	209	22,710	991	29.4	1949-----	252,770	1,695	250,762	5,339	13.5
1923-----	22,350	200	22,007	1,056	32.0	1950-----	257,357	1,697	255,209	5,750	14.5
1924-----	21,251	186	20,981	941	30.9	1951-----	255,222	1,654	252,852	5,613	12.7
1925-----	20,516	177	20,211	882	28.8	1952-----	259,105	1,651	256,863	5,859	9.0
1926-----	19,643	167	19,384	832	26.9	1953-----	266,071	1,667	263,946	6,504	8.8
1927-----	18,612	156	18,253	787	26.5	1954-----	271,260	1,670	268,910	6,382	9.4
1928-----	17,604	146	17,318	732	23.6	1955-----	274,374	1,660	271,741	6,370	9.9
1929-----	16,931	139	16,639	678	20.6	1956-----	272,751	1,621	269,883	6,787	10.2
1930-----	16,185	132	15,922	659	19.2	1957-----	270,527	1,580	268,486	7,244	10.4
1931-----	16,801	135	16,520	612	17.1	1958-----	276,343	1,587	274,698	7,607	10.6
1932-----	19,487	156	19,161	599	12.9	1959-----	284,706	1,606	281,833	7,593	9.4
1933-----	22,539	179	22,158	689	14.9	1960-----	286,331	1,585	283,241	9,180	11.9
1934-----	27,053	214	26,480	757	11.3	1961-----	288,971	1,573	285,672	8,957	10.9
1935-----	28,701	226	27,645	821	12.6	1962-----	298,201	1,598	294,442	9,120	10.3
1936-----	33,779	264	32,989	749	8.8	1963-----	305,860	1,615	301,954	9,895	10.6
1937-----	36,425	283	35,800	866	11.2	1964-----	311,713	1,623	307,357	10,666	10.8
1938-----	37,165	286	36,576	926	13.6	1965-----	317,274	1,631	313,113	11,346	11.7
1939-----	40,440	309	39,886	941	10.6	1966-----	319,907	1,625	315,431	12,014	11.2

<sup>1</sup> Based on estimated U.S. population as of July 1; prior to 1959, excludes Alaska, and 1960, Hawaii.

<sup>2</sup> Excludes bonds issued to Pacific railways and Navy pension fund.

<sup>3</sup> Calculated on total Federal expenditures which have not been reduced by the amounts of interfund transactions representing interest payments and certain other payments to Treasury.

## No. 566. PUBLIC INTEREST-BEARING DEBT OF THE FEDERAL GOVERNMENT: 1940 TO 1966

[In millions of dollars. As of June 30. See beadnote, table 565. See also *Historical Statistics, Colonial Times to 1957*, series Y 372 and 375-379]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966
Total-----	42,376	256,357	255,209	271,741	283,241	307,357	313,113	315,431
Public issues-----	37,602	237,545	222,853	228,491	238,342	260,729	264,463	264,311
Marketable-----	34,436	181,319	155,310	155,206	183,845	206,489	208,695	209,127
Bills-----	1,302	17,041	13,533	19,514	33,415	50,740	53,665	54,929
Certificates-----	(X)	34,136	18,418	13,836	17,650	-	-	1,652
Notes-----	6,383	23,497	20,404	40,729	51,483	67,284	52,549	50,649
Treasury bonds <sup>1</sup> -----	26,555	106,449	102,795	81,057	81,247	88,464	102,481	101,897
Other bonds <sup>2</sup> -----	196	196	160	71	<sup>3</sup> 50	(X)	(X)	(X)
Nonmarketable-----	3,166	56,226	67,544	73,285	54,497	54,240	55,768	55,183
U.S. savings bonds-----	2,905	45,586	57,536	58,365	47,544	49,299	50,043	50,537
Treasury savings notes-----	(X)	10,136	8,472	1,913	(X)	(X)	(X)	(X)
Treasury bonds, investment series-----	(X)	(X)	954	12,589	6,783	3,546	3,256	2,692
Other <sup>4</sup> -----	261	505	582	417	170	1,395	2,469	1,954
Special issues-----	4,775	18,812	32,356	43,250	44,899	46,627	48,650	51,120

- Represents zero. X Not applicable.

<sup>1</sup> Bank eligible bonds; for 1945 and 1950 also includes bank restricted bonds.

<sup>2</sup> Comprises postal savings and Panama Canal bonds, and for 1940 and 1945, also conversion bonds.

<sup>3</sup> Panama Canal bonds only.

<sup>4</sup> Comprises depositary bonds, and adjusted service bonds until they matured on June 15, 1945. Also includes Armed Forces leave bonds for 1950; Treasury bonds, Rural Electrification Administration series; certificates of indebtedness, foreign series, and foreign currency series; Treasury notes, foreign series; Treasury bonds, foreign series and foreign currency series; Treasury certificates, and U.S. retirement plan bonds, beginning 1963; and Treasury bonds beginning 1964.

Source of tables 565 and 566: Treasury Dept.; *Annual Report of the Secretary*, Statement of the Public Debt. In *Daily Statement of the U.S. Treasury*, and *Treasury Bulletin*.

## NO. 567. MARKETABLE INTEREST-BEARING PUBLIC DEBT: 1950 TO 1966

[In millions of dollars, except as indicated. As of June 30. All issues classified to final maturity except partially tax-exempt bonds, which are classified to earliest call date]

YEAR	Total amount outstanding	MATURITY CLASSES					Average length
		Within 1 year	1 to 5 years	5 to 10 years	10 to 20 years	20 years and over	
1950.....	155,310	42,338	51,292	7,792	28,035	25,853	8 yrs. 2 mos.
1955.....	155,206	49,703	39,107	34,253	28,613	3,530	5 yrs. 10 mos.
1960.....	183,845	70,467	72,944	20,246	12,630	7,658	4 yrs. 4 mos.
1963.....	203,508	85,294	58,026	37,385	8,360	14,444	5 yrs. 1 mo.
1964.....	206,489	81,424	65,453	34,929	8,355	16,328	5 yrs. 0 mo.
1965.....	208,695	87,637	56,198	39,169	8,449	17,241	5 yrs. 4 mos.
1966.....	209,127	89,136	60,933	33,596	8,439	17,023	4 yrs. 11 mos.
PERCENT DISTRIBUTION							
1950.....	100.0	27.3	33.0	5.0	18.1	16.6	(X)
1955.....	100.0	32.0	25.2	22.1	18.4	2.3	(X)
1960.....	100.0	38.3	39.6	11.0	6.9	4.2	(X)
1963.....	100.0	41.9	28.5	18.4	4.1	7.1	(X)
1964.....	100.0	39.4	31.7	16.9	4.0	7.9	(X)
1965.....	100.0	42.0	26.9	18.8	4.0	8.3	(X)
1966.....	100.0	42.6	29.1	16.1	4.0	8.1	(X)

X Not applicable.

Source: Treasury Dept.; *Treasury Bulletin*.

## NO. 568. INTEREST-BEARING GOVERNMENT SECURITIES OUTSTANDING: 1940 TO 1966

[In millions of dollars. As of June 30. U.S. Government data on basis of *Daily Treasury Statement*. Par values, except U.S. savings bonds series A to F and J, when included, are at current redemption values]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966
Total outstanding.....	70,117	274,191	280,505	317,424	358,212	411,334	426,362	438,358
By tax status:								
Tax exempt.....	65,327	42,847	36,841	46,220	67,960	91,300	99,200	104,800
Wholly <sup>1</sup> .....	30,240	17,191	23,964	42,834	66,475	91,300	99,200	104,800
Partially <sup>2</sup> .....	35,087	25,656	12,877	3,386	1,485	-	-	-
Taxable <sup>3</sup> .....	15	212,532	211,309	227,954	245,353	273,407	278,512	282,438
U.S. Government special issues..	4,775	18,812	32,356	43,250	44,899	46,627	48,650	51,120
By issuer:								
U.S. Government <sup>4</sup> .....	47,874	256,766	255,226	271,785	283,380	308,169	313,702	315,892
Federal instrumentalities <sup>5</sup> .....	2,199	1,008	1,475	2,876	8,407	11,865	13,460	17,666
State and local governments <sup>6</sup> .....	20,044	16,417	23,804	42,763	66,425	91,300	99,200	104,800

- Represents zero.

<sup>1</sup> Interest is exempt from both normal and surtax rates of Federal income tax.

<sup>2</sup> Interest is exempt only from normal rates of Federal income tax.

<sup>3</sup> Interest is subject to both normal and surtax rates of Federal income tax.

<sup>4</sup> Includes guaranteed securities of Federal instrumentalities except those held by Treasury.

<sup>5</sup> Nonguaranteed securities. Excludes stocks and interagency loans.

<sup>6</sup> Wholly tax-exempt. Includes governments of outlying areas. Excludes obligations of Philippines after June 30, 1945, and Puerto Rico after June 30, 1952.

Source: Treasury Dept.; *Annual Report of the Secretary*.



# No. 569. CIVILIAN EMPLOYMENT AND PAYROLLS OF THE FEDERAL GOVERNMENT, BY BRANCH: 1940 TO 1967

[Includes data for employees in outlying areas of the U.S. and in foreign countries. Monthly employment figures represent number in active-duty status as of last day of month, including intermittent employees who worked during month. Annual employment figures are averages of monthly figures. Payrolls are totals for calendar year or month, as indicated. Excludes employees of Central Intelligence Agency and, beginning August 1959, those of the National Security Agency, for security reasons. Employees of General Accounting Office and Government Printing Office included with legislative branch. See *Historical Statistics, Colonial Times to 1957*, series Y 241-250, for employment for years ending June 30]

YEAR AND MONTH	EMPLOYMENT (1,000)					PAYROLLS (mil. dol.)				
	Total <sup>1</sup>	Rate per 1,000 population	Executive <sup>1</sup>	Legislative	Judicial	Total <sup>1</sup>	Percent of total Federal expenditures	Executive <sup>1</sup>	Legislative	Judicial
1940.....	1,053	8.0	1,033	17	2	1,908	21.1	1,860	40	8
1945.....	3,526	27.0	3,496	27	3	8,019	8.2	7,933	77	10
1950.....	2,079	12.7	2,052	23	4	6,966	17.6	6,846	101	19
1955.....	2,402	14.3	2,376	22	4	10,295	16.0	10,146	122	26
1957.....	2,422	13.9	2,395	22	5	11,199	16.2	11,036	133	30
1958.....	2,389	13.5	2,362	22	5	12,181	17.1	12,004	143	34
1959.....	2,393	13.2	2,366	23	5	12,541	15.6	12,358	148	34
1960.....	<sup>2</sup> 2,430	13.1	<sup>2</sup> 2,403	23	5	<sup>2</sup> 13,243	17.3	<sup>2</sup> 13,052	154	36
1961.....	2,441	13.1	2,412	23	5	14,074	17.3	13,872	164	39
1962.....	2,505	13.3	2,476	24	6	14,919	17.0	14,704	172	43
1963.....	2,525	13.1	2,496	24	6	15,946	17.2	15,717	183	46
1964.....	2,510	12.9	2,479	25	6	16,984	17.4	16,737	194	52
1965.....	2,539	12.8	2,507	25	6	18,020	17.6	17,746	216	58
1966.....	2,750	13.5	2,718	26	6	19,826	18.5	19,535	231	60
1967, March.....	2,903	(NA)	2,871	27	6	1,802	(NA)	1,777	20	6

NA Not available.

<sup>1</sup> Includes Christmas help of the Post Office Dept.

<sup>2</sup> Includes 437,008 temporary, piece-rate workers on the 1960 Census.

Source: Civil Service Commission; *Monthly Report of Federal Employment*, and unpublished data.

# No. 570. CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—SUMMARY: 1950 TO 1966

[In thousands, except percent. As of December 31. Excludes Central Intelligence Agency; temporary Christmas help of the Post Office Department; and, beginning October 1959, National Security Agency. Distribution by sex is estimated]

ITEM	UNITED STATES <sup>1</sup>					WASHINGTON, D.C., STANDARD METROPOLITAN STATISTICAL AREA <sup>2</sup>				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
<b>Paid employment</b> .....	<b>2,020</b>	<b>2,153</b>	<b>2,213</b>	<b>2,403</b>	<b>2,645</b>	<b>238</b>	<b>227</b>	<b>236</b>	<b>275</b>	<b>297</b>
Male.....	1,544	1,639	1,668	1,813	1,957	132	131	140	165	175
Female.....	476	514	545	590	688	106	96	96	110	122
Percent female.....	24	24	25	25	26	44	42	41	40	41
Full time.....	1,854	2,035	2,084	2,267	2,440	234	224	231	268	286
Other.....	166	118	129	136	205	4	3	5	7	11
Competitive service.....	1,859	1,965	2,041	2,201	2,405	211	193	202	231	249
Career.....	1,457	1,565	1,676	1,788	1,832	177	158	162	173	182
Career-conditional.....		246	251	298	414		21	33	49	56
Temporary and indefinite.....	402	154	114	115	159	34	14	8	9	11
Excepted service <sup>3</sup> .....	161	189	172	202	240	27	34	34	44	48
Permanent.....	134	101	100	112	115	25	28	26	32	33
Other.....	27	87	72	90	125	2	6	8	12	15
White-collar.....	1,448	1,492	1,639	1,850	2,025	208	187	198	237	257
Blue-collar.....	572	661	574	553	619	30	41	38	38	39

<sup>1</sup> Prior to 1960, excludes Alaska and Hawaii. <sup>2</sup> See footnote 1, table 573.

<sup>3</sup> Persons excepted from competitive requirements of Civil Service Act.

Source: Civil Service Commission; *Annual Report*, monthly report, *Federal Employment Statistics Bulletin*, and unpublished data.

# No. 571. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY: 1955 TO 1967

[As of June 30, except as noted. See headnote, table 569. See also *Historical Statistics, Colonial Times to 1957*, series Y 241-250]

AGENCY	1955	1960	1963	1964	1965	1966	1967 <sup>1</sup>
<b>All agencies</b> .....	<b>2,397,309</b>	<b>2,398,704</b>	<b>2,527,960</b>	<b>2,500,503</b>	<b>2,527,941</b>	<b>2,759,019</b>	<b>2,869,782</b>
Legislative branch .....	21,711	22,886	24,523	25,048	25,947	26,908	27,099
Judicial branch .....	4,136	4,992	5,738	5,810	5,904	5,967	6,252
Executive branch .....	2,371,462	2,370,826	2,497,699	2,469,645	2,496,090	2,726,144	2,836,431
<b>Executive Office of the President:</b>							
White House Office .....	290	446	388	349	333	295	267
Bureau of the Budget .....	444	434	510	520	524	626	579
Executive Mansion and Grounds .....	70	70	77	74	71	68	65
National Security Council .....	28	65	39	43	38	37	40
Office of Economic Opportunity <sup>2</sup> .....	(X)	(X)	(X)	(X)	1,259	2,908	2,357
Office of Emergency Planning <sup>4</sup> .....	1,015	1,833	477	350	372	414	401
Office of Science and Technology <sup>5</sup> .....	(X)	(X)	68	69	91	51	93
All other .....	63	39	100	137	183	284	276
<b>Executive departments:</b>							
Agriculture .....	85,503	98,694	115,779	108,476	113,017	118,585	105,225
Commerce <sup>6</sup> .....	46,077	49,300	32,343	33,261	33,668	39,875	40,776
Defense:							
Office of the Secretary .....	1,954	1,865	2,232	2,085	2,297	2,521	2,637
Department of the Army .....	461,986	390,046	375,932	369,558	366,726	405,544	462,594
Department of the Navy .....	410,564	347,760	343,970	332,678	333,271	356,744	382,633
Department of the Air Force .....	312,076	307,449	296,982	289,724	291,500	306,915	324,402
Other Defense activities .....	-	-	30,891	35,711	39,981	66,402	74,079
Health, Education, and Welfare .....	40,405	61,641	81,062	83,293	87,316	99,810	99,908
Housing and Urban Development <sup>7</sup> .....	11,082	11,105	14,160	13,840	13,777	14,462	13,799
Interior .....	54,322	56,111	<sup>8</sup> 72,518	<sup>8</sup> 69,682	70,711	74,957	66,634
Justice .....	30,686	30,942	32,081	32,485	33,222	33,733	32,985
Labor .....	5,051	7,096	9,667	9,238	9,631	10,018	9,707
Post Office .....	511,613	562,868	587,161	585,313	595,512	675,423	699,283
State <sup>9</sup> .....	27,495	37,983	42,411	41,392	40,656	42,638	43,517
Agency for International Development <sup>10</sup> .....	(X)	<sup>11</sup> 14,443	16,782	15,545	15,098	15,472	16,460
Peace Corps <sup>10</sup> .....	(X)	(X)	1,110	1,171	1,104	1,388	1,426
Transportation <sup>12</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	2
Treasury .....	79,180	76,179	86,579	86,748	88,761	91,356	96,958
<b>Independent agencies:</b>							
American Battle Monuments Commission .....	775	461	422	439	439	439	436
Arms Control and Disarmament Agency <sup>10</sup> .....	(X)	(X)	153	170	175	187	173
Atomic Energy Commission .....	6,076	6,907	7,120	7,268	7,329	7,443	7,252
Board of Governors, Federal Reserve System .....	588	598	622	633	667	693	684
Canal Zone Government .....	2,487	2,625	2,814	2,877	3,028	2,993	3,247
Civil Aeronautics Board .....	528	755	851	840	846	824	813
Civil Service Commission .....	3,864	3,579	4,085	3,887	3,789	4,385	5,086
Commission on Civil Rights <sup>13</sup> .....	(X)	82	79	89	109	167	151
Equal Employment Opportunity Commission <sup>3</sup> .....	(X)	(X)	(X)	(X)	19	227	288
Export-Import Bank .....	148	237	300	292	308	302	293
Farm Credit Administration .....	<sup>14</sup> 1,078	245	238	233	235	239	231
Federal Aviation Agency <sup>15</sup> .....	(X)	38,132	46,313	45,377	45,257	43,487	42,737
Federal Communications Comm. .....	1,094	1,403	1,515	1,527	1,541	1,541	1,465
Federal Deposit Insurance Corp. .....	1,127	1,249	1,236	1,316	1,544	1,572	1,535
Federal Home Loan Bank Board <sup>16</sup> .....	(X)	1,000	1,250	1,299	1,300	1,288	1,241
Federal Maritime Commission <sup>17</sup> .....	(X)	(X)	251	231	251	257	249
Federal Mediation and Conciliation Service .....	357	347	398	414	422	436	440
Federal Power Commission .....	657	859	1,218	1,132	1,163	1,163	1,135
Federal Trade Commission .....	584	782	1,177	1,144	1,157	1,136	1,131
Foreign Claims Settlement Comm. .....	161	47	144	207	185	191	178
General Services Administration .....	25,729	28,211	32,650	34,897	36,524	38,167	38,043
Information Agency .....	10,145	10,915	11,793	11,971	11,628	11,802	11,859
Interstate Commerce Commission .....	1,822	2,381	2,427	2,382	2,427	2,381	2,319
Nat'l Aero. and Space Admin. <sup>18</sup> .....	7,508	10,232	29,934	32,499	34,049	35,708	34,309
Nat'l Capital Housing Authority .....	276	331	453	439	423	501	649
National Labor Relations Board .....	1,150	1,750	1,982	2,030	2,252	2,326	2,257
National Mediation Board .....	110	129	143	139	135	139	138
National Science Foundation .....	170	734	1,099	1,063	1,116	1,121	985
Panama Canal Company .....	12,833	11,436	12,152	11,896	11,936	12,205	12,399
Railroad Retirement Board .....	2,344	2,234	1,995	1,847	1,767	1,707	1,698

See footnotes at end of table.



**No. 571. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY:  
1955 to 1967—Continued**

AGENCY	1955	1960	1963	1964	1965	1966	1967 <sup>1</sup>
<b>Independent agencies—Continued</b>							
Renegotiation Board.....	540	284	223	206	184	179	170
St. Lawrence Seaway Development Corporation.....	33	159	163	160	164	175	157
Securities and Exchange Comm.....	666	980	1,388	1,379	1,420	1,385	1,330
Selective Service System.....	7,123	6,230	6,916	7,108	7,587	9,047	9,054
Small Business Administration.....	736	2,244	3,387	3,378	3,751	4,106	3,971
Smithsonian Institution.....	986	1,555	1,930	1,889	2,334	2,414	2,289
Soldiers' Home.....	1,020	1,041	1,073	1,123	1,134	1,141	1,106
Tariff Commission.....	198	271	288	289	298	294	275
Tax Court of the United States.....	141	153	157	156	154	156	147
Tennessee Valley Authority.....	19,854	14,993	18,075	17,353	16,797	17,943	16,453
Veterans Administration.....	177,656	172,338	172,903	172,171	167,059	170,228	168,421
Virgin Islands Corporation <sup>10</sup> .....	785	705	721	591	15	8	(X)
All other.....	209	286	334	278	355	375	420

- Represents zero. X Not applicable. <sup>1</sup> As of Jan. 31.

<sup>2</sup> Includes 33,480 appointments under the Youth Opportunity Campaign. <sup>3</sup> Established in 1964.

<sup>4</sup> 1955 includes Federal Civil Defense Administration, which was combined with Office of Defense Mobilization in 1958; became Office of Emergency Planning in 1961. <sup>5</sup> Established in 1962.

<sup>6</sup> 1960 figure includes 15,574 temporary piece-rate workers on 1960 Census.

<sup>7</sup> Housing and Home Finance Agency transferred to the new Department of Housing and Urban Development in 1965.

<sup>8</sup> Includes employees hired under the Public Works Acceleration Act by the Dept. of the Interior.

<sup>9</sup> For 1955, includes Foreign Operations Administration and for 1960, Development Loan Fund. Those 2 agencies were transferred to Dept. of State in 1956, and 1962, respectively. <sup>10</sup> Established in 1961.

<sup>11</sup> International Cooperation Administration, predecessor of AID. <sup>12</sup> Established January 1967.

<sup>13</sup> Established in 1957. <sup>14</sup> Includes Federal Intermediate Credit Banks and Central Bank for Cooperatives under Farm Credit Administration supervision.

<sup>15</sup> Established only in 1958. <sup>16</sup> Became an independent agency in 1955.

<sup>17</sup> Became an independent agency in 1961.

<sup>18</sup> National Advisory Committee for Aeronautics became National Aeronautics and Space Administration in 1958. <sup>19</sup> Terminated June 30, 1966.

Source: Civil Service Commission; *Annual Report* and *Monthly Report of Federal Employment*.

**No. 572. PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT: 1950 TO 1966**

[Employees in thousands. As of June 30. Prior to 1960, excludes Alaska and Hawaii. Excludes employees of Congress, Federal Courts, and Maritime seamen of Department of Commerce, U.S. citizens working abroad, and small number for whom rates were not reported]

COMPENSATION AUTHORITY	1950		1955		1960		1966	
	Em- ployees	Aver- age pay <sup>1</sup>	Em- ployees	Aver- age pay <sup>1</sup>	Em- ployees	Aver- age pay <sup>1</sup>	Em- ployees	Aver- age pay <sup>1</sup>
<b>Total.....</b>	<b>1,628</b>	<b>\$3,504</b>	<b>2,046</b>	<b>\$4,416</b>	<b>2,083</b>	<b>\$5,441</b>	<b>2,411</b>	<b>\$7,115</b>
Classification Act of 1949.....	801	3,667	887	4,689	954	5,697	1,167	7,898
General schedule <sup>2</sup> .....	702	3,788						
Crafts, protective, and custodial schedule <sup>2</sup> .....	99	2,807	673	4,111	586	5,386	596	6,014
Wage Board <sup>2</sup> .....	430	3,133						
Postal Pay Act.....	362	3,488	432	4,197	483	4,853	568	6,437
Other acts and admin. orders.....	35	4,502	54	5,477	61	6,617	79	8,744

<sup>1</sup> Arithmetic means based on annual rates and other rates converted to annual equivalents.

<sup>2</sup> Beginning 1955, under amended Classification Act of 1949, approximately 1/3 of CPC employees were classified under General Schedule, and 2/3 were classified under Wage Boards.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.



**No. 573. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—TOTAL, 1939 TO 1966, AND BY AGENCY, 1966, BY STATES AND OTHER AREAS**

[As of December 31. Partially estimated. Excludes Central Intelligence Agency, temporary Christmas help of the Post Office Department, and, beginning 1960, National Security Agency]

STATE OR OTHER AREA	TOTAL EMPLOYMENT				EMPLOYMENT BY AGENCY, 1966			
	1939	1950	1960	1966	Department of Defense	Post Office Department	Veterans Administration	Other agencies
<b>Total.....</b>	<b>967,765</b>	<b>2,177,008</b>	<b>2,372,580</b>	<b>2,862,988</b>	<b>1,229,779</b>	<b>716,096</b>	<b>167,299</b>	<b>749,814</b>
United States.....	933,276	2,055,157	2,212,848	2,644,774	1,076,265	714,015	166,326	688,168
Washington, D.C., SMSA <sup>1</sup> .....	<sup>2</sup> 132,516	237,736	235,864	296,676	87,079	19,691	5,608	184,298
50 States <sup>1</sup> .....	800,760	1,817,421	1,976,984	2,348,098	989,186	694,324	160,718	503,870
Alabama.....	12,975	37,852	60,867	60,510	31,986	8,034	3,686	16,804
Alaska.....	2,429	13,237	12,556	14,267	6,745	825	30	6,667
Arizona.....	7,081	12,386	19,797	24,422	8,241	4,390	1,548	10,243
Arkansas.....	10,368	15,096	13,107	16,161	4,445	4,937	2,675	4,104
California.....	51,281	211,116	239,464	305,725	168,951	73,389	15,040	48,345
Colorado.....	9,764	25,574	33,909	40,968	16,716	7,276	1,949	15,027
Connecticut.....	6,864	10,433	14,649	18,019	3,663	10,187	1,827	2,342
Delaware.....	1,396	2,075	3,372	4,208	1,423	1,658	501	626
Florida.....	10,996	33,162	47,950	65,163	30,301	18,495	3,252	13,115
Georgia.....	13,243	47,860	55,500	75,971	43,437	13,701	3,564	15,269
Hawaii.....	5,721	21,867	22,091	26,202	21,742	1,820	79	2,561
Idaho.....	3,934	5,163	6,214	7,841	513	2,035	373	4,920
Illinois.....	50,263	95,960	98,915	112,176	29,972	51,687	10,037	20,480
Indiana.....	12,925	34,348	31,682	39,291	15,671	14,903	2,786	5,931
Iowa.....	10,634	15,483	15,790	17,514	817	9,738	2,541	4,418
Kansas.....	9,465	19,825	21,058	21,367	5,625	8,103	2,882	4,757
Kentucky.....	12,255	27,695	27,604	34,709	17,027	8,530	2,078	7,074
Louisiana.....	13,107	23,142	22,878	28,135	7,992	8,409	2,371	9,363
Maine.....	7,979	10,921	17,295	16,356	10,037	3,854	951	1,514
Maryland <sup>1</sup> .....	20,656	41,862	45,315	58,451	28,182	8,695	2,576	18,998
Massachusetts.....	36,484	54,931	62,246	65,320	22,652	26,478	5,950	10,240
Michigan.....	19,474	40,049	42,399	53,149	13,413	25,803	4,814	9,119
Minnesota.....	13,993	23,135	24,592	29,065	2,328	14,887	3,951	7,899
Mississippi.....	11,770	15,144	15,696	19,414	7,349	4,582	2,048	5,435
Missouri.....	23,215	50,549	49,959	63,403	21,717	21,146	3,453	17,087
Montana.....	9,463	7,937	8,405	10,252	1,400	2,241	487	6,124
Nebraska.....	9,203	18,489	15,402	15,232	3,471	6,444	1,520	3,797
Nevada.....	3,053	4,904	5,842	7,865	2,750	1,618	324	3,173
New Hampshire.....	3,701	3,023	3,595	4,687	971	2,267	346	1,103
New Jersey.....	19,641	46,676	53,835	65,624	29,648	24,632	3,519	7,825
New Mexico.....	6,455	13,164	22,790	25,691	11,670	2,626	942	10,453
New York.....	97,155	169,771	179,784	183,069	32,984	95,054	16,266	38,765
North Carolina.....	11,231	24,730	28,491	35,641	13,335	11,444	3,682	7,180
North Dakota.....	4,356	6,743	5,863	7,358	1,400	2,751	442	2,765
Ohio.....	32,508	89,064	88,785	99,914	38,997	35,875	7,022	18,020
Oklahoma.....	11,566	37,461	42,098	54,162	33,772	8,171	1,620	10,599
Oregon.....	9,899	16,227	19,964	23,374	3,683	6,310	1,747	11,634
Pennsylvania.....	59,163	123,210	129,084	142,822	71,301	42,916	9,897	18,708
Rhode Island.....	7,379	11,225	12,343	14,559	9,586	3,377	703	893
South Carolina.....	10,107	19,825	22,461	28,941	18,676	5,448	1,501	3,316
South Dakota.....	5,017	8,372	8,984	9,135	1,210	2,641	1,455	3,829
Tennessee.....	18,356	39,779	34,052	39,265	7,153	10,720	4,516	16,876
Texas.....	29,818	97,432	112,647	143,412	73,689	31,208	8,208	30,307
Utah.....	4,075	24,526	26,443	40,820	30,240	2,917	1,072	6,591
Vermont.....	2,659	2,980	3,057	3,379	65	1,876	415	1,023
Virginia <sup>1</sup> .....	24,799	67,547	66,898	79,356	52,337	10,191	4,104	12,724
Washington.....	19,808	57,697	45,643	54,461	26,036	10,822	3,016	14,587
West Virginia.....	5,950	10,523	10,540	12,315	1,160	5,103	2,130	3,922
Wisconsin.....	13,791	20,073	20,368	23,798	1,994	12,941	4,007	4,856
Wyoming.....	3,335	5,659	4,695	5,159	713	1,169	815	2,462
Undistributed.....	-	1,519	10	-	-	-	-	-
Outside United States.....	34,489	121,851	159,732	218,214	153,514	2,081	973	61,646
Puerto Rico.....	2,678	5,259	7,043	8,741	3,608	1,956	648	2,529
Other outlying areas.....	26,731	36,307	25,175	26,744	10,367	110	2	16,265
Foreign countries.....	5,080	80,285	127,514	182,729	139,539	15	323	42,852

- Represents zero.

<sup>1</sup> Beginning 1950, Washington, D.C., Standard Metropolitan Statistical Area includes Dist. of Columbia; Alexandria and Falls Church cities, Arlington and Fairfax Counties, Virginia; and Montgomery and Prince Georges Counties, Maryland; and for 1966, Fairfax city, Virginia. These areas excluded from data for 50 States.

<sup>2</sup> Relates to District of Columbia only.

Source: Civil Service Commission; monthly report, *Federal Employment Statistics Bulletin*.

# No. 574. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1950 TO 1966

[For years ending June 30. Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES <sup>1</sup>				WASHINGTON, D.C., STANDARD METROPOLITAN STATISTICAL AREA <sup>2</sup>			
	1950	1955	1960	1966	1950	1955	1960	1966
Accessions, total number .....	414, 973	520, 825	496, 856	804, 414	43, 274	46, 171	48, 068	85, 397
Average monthly rate <sup>3</sup> .....	1.9	2.0	1.9	2.8	1.7	1.7	1.8	2.7
Separations, total number .....	494, 755	503, 068	480, 526	596, 293	48, 774	42, 479	41, 780	67, 305
Average monthly rate <sup>3</sup> .....	2.2	2.0	1.8	2.1	1.9	1.6	1.6	2.1
By type of separation:								
Quit <sup>4</sup> .....	187, 396	232, 141	210, 362	258, 191	24, 078	26, 109	26, 289	41, 743
Reduction in force .....	103, 281	38, 505	23, 411	20, 811	6, 136	1, 181	336	301
Discharge <sup>5</sup> .....	16, 080	13, 545	13, 034	11, 922	929	936	662	821
Other <sup>6</sup> .....	187, 998	218, 877	233, 719	305, 369	17, 631	14, 253	14, 493	24, 440

<sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.

<sup>2</sup> Includes District of Columbia; Alexandria and Falls Church cities, Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland; and for 1966, Fairfax city, Virginia.

<sup>3</sup> Per 100 employees.

<sup>4</sup> Represents resignation, transfer to other Federal agency, and abandonment of position.

<sup>5</sup> Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause.

<sup>6</sup> Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source: Civil Service Commission; *Annual Report*, and unpublished data.

# No. 575. BLUE-COLLAR WORKERS IN THE FEDERAL GOVERNMENT: 1965

[As of November 30. Covers full-time workers; includes U.S. citizens working abroad]

MAJOR OCCUPATION GROUP	All agencies	Army	Navy	Air Force	Post Office	General Services Admin- istra- tion	Vet- erans Admin- istra- tion	Other
Total .....	580, 430	122, 630	180, 054	115, 423	29, 767	18, 340	34, 774	79, 442
Mobile industrial eqp. operation <sup>1</sup> .....	67, 061	20, 686	17, 171	10, 853	8, 010	1, 025	1, 358	7, 958
Manual labor .....	63, 545	10, 145	9, 561	5, 459	11, 296	8, 520	7, 366	11, 198
Fixed industrial eqp. operation <sup>1</sup> .....	49, 524	11, 983	10, 379	9, 391	5, 450	2, 698	2, 200	7, 423
Warehousing .....	47, 548	11, 347	11, 512	16, 827	1, 226	1, 180	915	4, 541
Services .....	41, 476	10, 260	3, 657	5, 308	-	5	17, 889	4, 357
Metal work .....	34, 925	4, 318	19, 815	7, 593	298	67	151	2, 683
Aircraft repair, propeller work, and engine overhaul .....	29, 700	1, 513	9, 350	17, 455	-	-	-	1, 382
Electrical installation <sup>1</sup> .....	30, 574	3, 260	13, 642	6, 691	186	784	716	5, 295
Machine tool work .....	25, 867	6, 964	12, 718	3, 266	145	34	95	2, 645
Electronic equipment installation, maintenance, and operation .....	25, 096	6, 192	9, 195	8, 500	1	22	39	1, 147
Marine work .....	24, 157	4, 014	18, 509	-	-	-	-	1, 634
Woodworking .....	19, 708	4, 777	7, 064	4, 322	102	646	608	2, 189
Pipefitting .....	16, 109	2, 280	9, 008	2, 241	24	346	795	1, 415
Ammunition and armament work .....	15, 505	7, 589	7, 289	598	-	-	-	29
General maintenance and operations .....	16, 522	1, 654	4, 336	2, 057	1, 802	1, 756	378	4, 539
Printing and reproduction .....	15, 471	2, 738	2, 282	1, 585	472	282	37	8, 075
Painting and paperhanging .....	12, 587	2, 341	4, 959	2, 688	175	496	892	1, 036
Packing and processing .....	8, 917	3, 430	1, 943	1, 701	5	263	13	1, 562
Instrument operation <sup>1</sup> .....	7, 498	757	1, 840	4, 225	23	3	-	650
Fabric and leather work .....	5, 113	1, 234	677	1, 057	236	13	298	1, 598
Agricultural, forestry, and kindred occupations .....	3, 811	-	-	-	-	12	285	3, 514
Manufacture and repair shop opera- tions .....	3, 038	514	1, 803	614	-	-	80	27
Wire comm. equip. installation <sup>1</sup> .....	2, 963	1, 297	520	889	-	19	-	238
General equipment maintenance .....	2, 478	1, 021	418	265	314	59	190	211
Masonry, plastering, and roofing .....	2, 403	504	823	447	1	91	270	267
Railroad operation and maintenance .....	1, 963	588	622	170	-	13	-	570
Currency, securities, coin and medal manufacturing .....	2, 181	1	-	-	-	-	-	2, 180
All other occupations .....	4, 690	1, 223	961	1, 221	1	6	199	1, 079

- Represents zero. <sup>1</sup> Includes maintenance.

Source: Civil Service Commission; annual report, *Occupations of Federal Blue-Collar Workers*.



# No. 576. WHITE-COLLAR EMPLOYEES IN THE FEDERAL GOVERNMENT, BY MAJOR OCCUPATION GROUP AND AREA: 1966

[As of October 31. Covers full-time employees; includes outlying areas of the United States and foreign countries, but excludes foreign nationals overseas]

OCCUPATION	Total	Washington, D.C., Stand- ard Met. Stat. Area <sup>1</sup>	50 States <sup>1</sup>	United States terri- tories	Foreign countries
<b>All groups</b> .....	<b>1,819,391</b>	<b>232,420</b>	<b>1,536,390</b>	<b>14,176</b>	<b>36,405</b>
Postal.....	532,491	12,596	518,492	1,398	5
General administrative, clerical, and office services.....	433,458	93,509	323,762	4,317	11,870
Engineering and architecture.....	133,963	16,309	114,881	841	1,932
Accounting and budget.....	108,240	15,101	90,549	855	1,735
Medical, hospital, dental, and public health.....	88,928	7,356	80,058	747	767
Supply.....	80,322	5,325	72,321	510	2,166
Business and industry.....	50,858	6,100	43,689	330	739
Legal and kindred.....	42,738	9,157	32,982	272	327
Biological sciences.....	41,060	3,754	36,496	261	549
Physical sciences.....	40,315	11,848	27,937	230	300
Investigation.....	28,469	2,397	24,193	1,249	630
Personnel administration and industrial relations.....	33,740	7,668	24,950	279	843
Transportation.....	31,155	2,637	27,776	422	320
Education.....	24,362	1,800	14,934	983	6,645
Social science, psychology, and welfare.....	31,632	9,463	17,865	247	4,057
Equipment, facilities, and service.....	17,888	1,358	15,360	161	1,009
Mathematics and statistics.....	13,906	6,276	7,517	20	93
Commodity quality control inspection and grading.....	20,285	316	19,642	31	296
Information and arts.....	18,597	7,140	10,016	101	1,340
Library and archives.....	6,996	3,689	3,055	53	199
Veterinary medical science.....	2,233	181	2,018	18	16
Copyright, patent, and trademark.....	1,756	1,609	146	-	1
Miscellaneous occupations.....	35,999	6,831	27,751	851	566

- Represents zero. <sup>1</sup> See footnote 1, table 573.

Source: Civil Service Commission; annual report, *Occupations of Federal White-Collar Workers*.

# No. 577. WORK INJURIES AND COMPENSATION OF CIVILIAN EMPLOYEES IN THE FEDERAL GOVERNMENT: 1950 TO 1966

[For years ending June 30. Includes all employees covered under Federal Employees' Compensation Act. Includes employees abroad and reservists of the Armed Forces, except as noted. Rates and averages computed on incurred liability basis]

ITEM	1957- 1959, average	1950	1955	1960	1963	1964	1965	1966
<b>Injury cases reported</b> .....	<b>99,138</b>	<b>81,163</b>	<b>89,321</b>	<b>105,065</b>	<b>109,213</b>	<b>109,623</b>	<b>111,079</b>	<b>108,395</b>
Index (1957-1959=100).....	100	82	90	106	110	111	112	109
Nonfatal.....	98,485	79,907	87,743	104,690	108,862	109,235	110,742	108,023
Fatal.....	653	1,256	1,578	375	351	388	337	372
Employment coverage <sup>1</sup> .....1,000..	2,406	2,067	2,393	2,428	2,524	2,519	2,535	2,617
Casualty rates:								
Frequency per million man-hours <sup>2</sup> .....	8.12	8.35	7.71	8.52	7.89	7.94	7.69	<sup>3</sup> 7.31
Severity per million man-hours <sup>2</sup> .....	533	660	590	508	458	522	516	<sup>3</sup> 531
Cost per \$100 payroll.....	\$0.25	\$0.31	\$0.27	\$0.24	\$0.22	\$0.24	\$0.23	<sup>3</sup> \$0.22
Cost per employee.....	\$11.70	\$10.00	\$10.81	\$12.39	\$13.04	\$14.76	\$15.38	<sup>3</sup> \$15.82
Fatal cases, average evaluation <sup>1</sup> .....	\$48,879	\$31,166	\$38,868	\$54,269	\$64,307	\$62,486	\$67,037	<sup>3</sup> \$63,893
Nonfatal cases: <sup>1</sup>								
Average evaluation.....	\$489	\$370	\$483	\$485	\$560	\$590	\$650	<sup>3</sup> \$738
Average days lost.....	42	41	47	37	38	39	42	<sup>3</sup> 47
<b>Disbursements</b> .....\$1,000..	<b>61,645</b>	<b>23,370</b>	<b>48,322</b>	<b>59,931</b>	<b>68,135</b>	<b>71,994</b>	<b>73,454</b>	<b>75,175</b>
Civilian Federal employees.....\$1,000..	39,693	22,236	33,369	42,329	52,319	55,093	58,747	61,512
Other <sup>4</sup> .....\$1,000..	21,952	1,134	14,953	17,602	15,815	16,901	14,708	13,663

<sup>1</sup> Excludes reservists of the Armed Forces.

<sup>2</sup> Frequency refers to number of disabling injuries; severity refers to number of days disabled or charged. Excludes reservist casualties. <sup>3</sup> Preliminary. <sup>4</sup> Principally reservists of the Armed Forces.

Source: Dept. of Labor, Bureau of Employees' Compensation; *Annual Report of the Secretary of Labor*.



## Section 15

### State and Local Government Finances and Employment

Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census. Each five years, the Bureau conducts a Census of Governments (most recently for the year 1962) involving collection of data for all governmental units in the United States. The Bureau of the Census also conducts annual surveys which cover all the State governments and a sample of local governments. Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal Government, nationwide totals for States and local governments, by type, and State-local data by States. Also issued annually are series of publications on State finances, city finances, and public employment and a descriptive leaflet *Recurrent Publications on Governments*. There are also two series of quarterly reports, one on tax revenue of State and local governments, the other on construction expenditures of State and local governments.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for some of the largest local governments are compiled from their official records and reports by Census Bureau personnel, and classified into uniform categories for statistical reporting.

Statistics regarding particular functions in which State and local governments have an important role are presented in other sections of this book (for example, Education, Social Insurance and Welfare Services, and Transportation—Land).

**Governmental units.**—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of “special districts.” As shown by table 579, more than 90,000 local governments were identified by the 1962 Census of Governments. The figures for governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, “dependent” school systems, State institutions of higher education, and certain other “authorities” and special agencies which are under the administrative or fiscal control of an established governmental unit.

**Finances.**—Unless otherwise stated, financial data in this section relate to the fiscal years of the respective governments. Federal and State government figures are for fiscal years ending June 30, except for a few States with other closing dates in the calendar year specified. Beginning 1963, local government figures are for fiscal years which closed at various dates during the 12 months ended June 30 of the year specified. Local government figures for 1962 and earlier years are for fiscal years ended with the calendar year.

Nationwide government finance statistics must be classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure of individual governments. Accordingly, financial statistics which appear here for individual States, although based upon the

official records and reports of these governments, will not agree directly with figures appearing in such original sources except where particular segments of the official accounts conform explicitly to standard reporting categories.

The framework for these statistics on governmental finances makes a basic distinction between general government, utilities and liquor stores, and insurance trust activities. These are distinguished as to revenue according to the nature of the source involved and as to expenditure according to the purpose of the spending.

The general government sector comprises all activities other than those classified as utilities, liquor stores, and insurance trusts. The utility sector includes only water supply, electric light and power, gas supply, and transit systems operated by local governments. Liquor stores are operated by 16 States and by a few local governments. Insurance trust figures relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

In the basic framework of these statistics, revenue and expenditures reported for these sectors, individually and in total, represent only external transactions and exclude transfers among agencies and funds of the government concerned. Certain internal transactions are shown separately, however, in related tables.

**Employment and payrolls.**—Public employment and payroll data are primarily from Census Bureau reports based on mail canvassing of State and local governments. Payroll amounts include all salaries, wages, and individual fee payments for the month specified, and employment numbers relate to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (except where otherwise specified) part-time as well as full-time personnel. As in the case of financial data, figures shown for individual governments, such as States, cover major dependent agencies such as institutions of higher education, as well as the ordinary central departments and agencies of the government.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 578.

COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1962, AND THEIR  
POPULATION, 1960, BY POPULATION SIZE-GROUPS

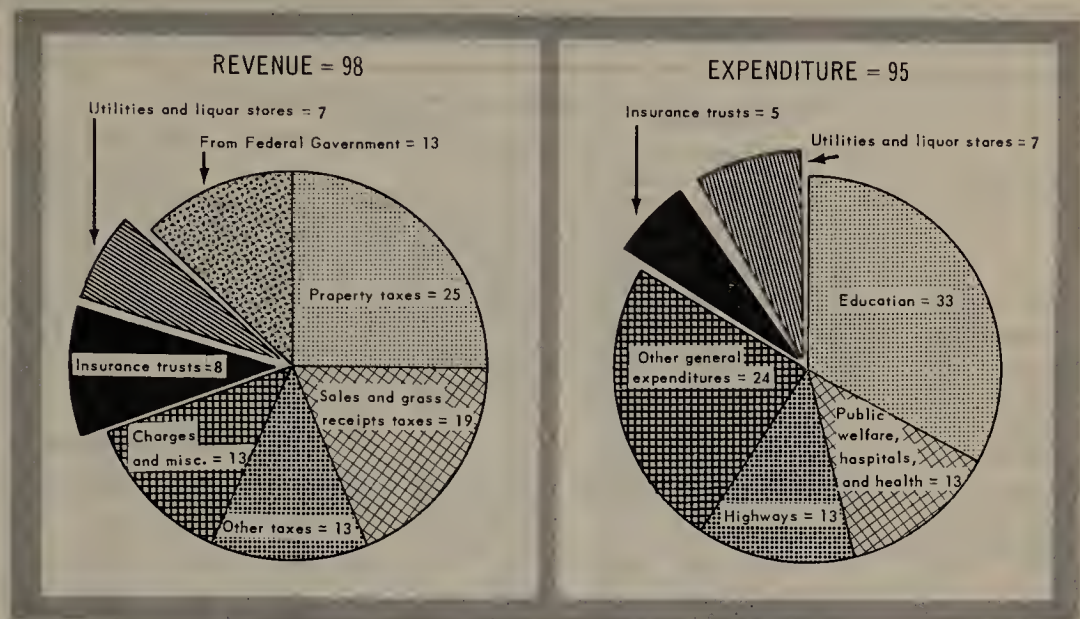
[Number of governments as of January 1962; population as of April 1960. Township governments include "towns" in the 6 New England States, New York, and Wisconsin]

POPULATION SIZE-GROUP	COUNTIES			MUNICIPALITIES			TOWNSHIPS		
	Number, 1962	Population, 1960		Number, 1962	Population, 1960		Number, 1962	Population, 1960	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
Total.....	1 3, 043	158, 617	100. 0	2 18, 000	2 116, 292	100. 0	17, 142	39, 849	100. 0
250,000 or more.....	108	69, 176	43. 6	}	130	50, 951	}	78	7, 762
100,000 to 249,999.....	169	26, 469	16. 7						
50,000 to 99,999.....	283	19, 538	12. 3						
25,000 to 49,999.....	584	20, 726	13. 1						
10,000 to 24,999.....	1, 081	17, 790	11. 2		980	15, 074		133	4, 546
								500	7, 497
5,000 to 9,999.....	544	4, 069	2. 6	1, 285	9, 054	7. 8	756	5, 311	13. 3
2,500 to 4,999.....	}	849	0. 5	1, 771	6, 264	5. 4	1, 346	4, 653	11. 7
1,000 to 2,499.....				3, 528	5, 588	4. 8	3, 703	5, 758	14. 4
Less than 1,000.....				9, 757	4, 025	3. 5	10, 626	4, 322	10. 8

<sup>1</sup> Excludes areas corresponding to counties but having no organized county government.  
<sup>2</sup> Includes population of municipalities incorporated since Apr. 1, 1960, classified on the basis of special censuses or, in the absence of a special census, on the basis of estimated population.



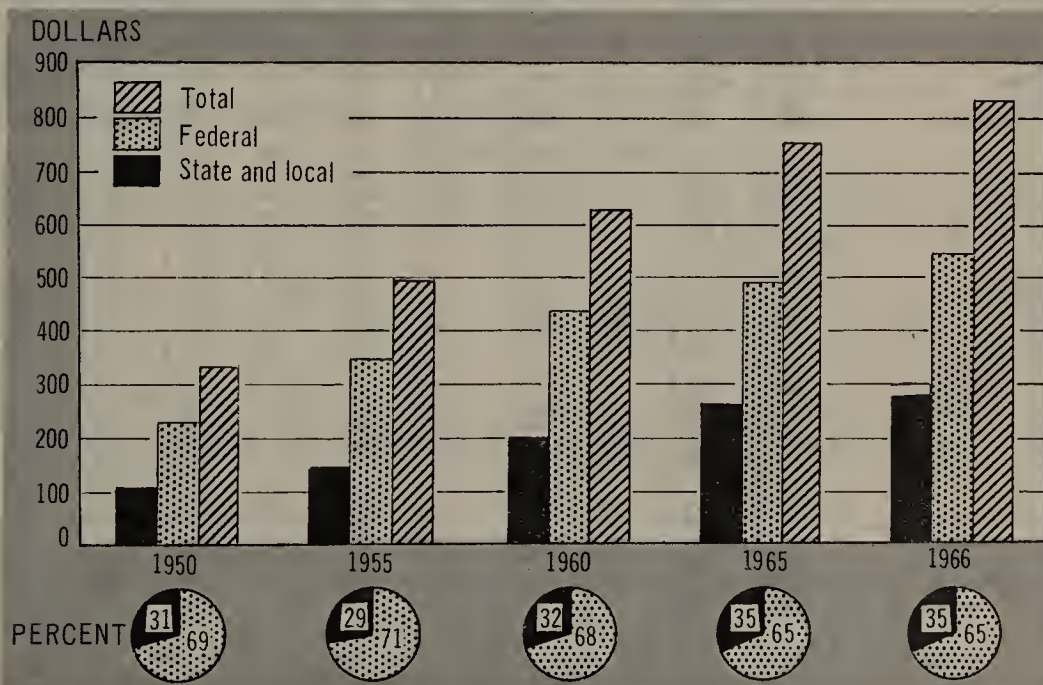
FIG. XXVI. STATE AND LOCAL GOVERNMENT REVENUE AND EXPENDITURE: 1966  
[In billions of dollars. See table 588]



Source: Dept. of Commerce, Bureau of the Census.

FIG. XXVII. GOVERNMENTAL PER CAPITA TAX REVENUE, BY LEVEL OF GOVERNMENT: 1950 TO 1966

[See table 582]



Source: Dept. of Commerce, Bureau of the Census.



## No. 579. LOCAL GOVERNMENTS, BY TAXING POWER AND TYPE, AND PUBLIC SCHOOL SYSTEMS—STATES: 1962

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	ALL TYPES OF LOCAL GOVERNMENTS			LOCAL GOVERNMENTS OTHER THAN SCHOOL DISTRICTS					School districts	Public school systems <sup>2</sup>
	Total	With property-taxing power	Without property-taxing power	Total	Counties <sup>1</sup>	Municipalities	Townships	Special districts		
United States .....	91,186	82,320	8,866	56,508	3,043	18,000	17,142	18,323	34,678	37,019
Alabama .....	732	530	202	618	67	349	(X)	202	114	114
Alaska .....	56	56	(X)	46	(X)	40	(X)	6	10	30
Arizona .....	378	378	(X)	127	14	61	(X)	52	251	255
Arkansas .....	1,208	909	299	791	75	417	(X)	299	417	417
California .....	4,022	3,815	207	2,392	57	373	(X)	1,962	1,630	1,631
Colorado .....	1,193	1,046	147	881	62	253	(X)	566	312	312
Connecticut .....	397	359	38	389	(X)	35	150	204	8	177
Delaware .....	207	144	63	117	3	51	(X)	63	90	91
District of Columbia .....	2	1	1	2	(X)	1	(X)	1	(X)	1
Florida .....	764	596	168	697	67	366	(X)	264	67	67
Georgia .....	1,218	917	301	1,021	159	561	(X)	301	197	197
Hawaii .....	20	4	16	20	3	1	(X)	16	(X)	1
Idaho .....	834	739	95	713	44	200	(X)	469	121	121
Illinois .....	6,452	5,388	1,064	4,912	102	1,251	1,433	2,126	1,540	1,540
Indiana .....	3,091	2,761	330	2,207	92	546	1,009	560	884	885
Iowa .....	2,642	2,451	191	1,306	99	944	(X)	263	1,336	1,336
Kansas .....	5,410	5,294	116	3,149	105	618	1,546	880	2,261	2,261
Kentucky .....	872	719	153	664	120	365	(X)	179	208	210
Louisiana .....	628	590	38	561	62	258	(X)	241	67	68
Maine .....	658	551	107	632	16	21	470	125	26	462
Maryland .....	351	191	160	351	23	152	(X)	176	(X)	24
Massachusetts .....	586	479	107	557	12	39	312	194	29	378
Michigan .....	3,818	3,726	92	1,952	83	511	1,259	99	1,866	1,866
Minnesota .....	5,212	5,121	91	2,869	87	845	1,822	115	2,343	2,355
Mississippi .....	772	507	265	614	82	266	(X)	266	158	158
Missouri .....	3,727	3,067	660	2,078	114	892	329	743	1,649	1,649
Montana .....	1,387	1,300	87	372	56	124	(X)	192	1,015	1,015
Nebraska .....	5,123	4,932	191	1,859	93	537	478	751	3,264	3,264
Nevada .....	136	81	55	119	17	17	(X)	85	17	17
New Hampshire .....	550	535	15	329	10	13	221	85	221	230
New Jersey .....	1,395	1,247	148	883	21	334	233	295	512	585
New Mexico .....	305	227	78	214	32	80	(X)	102	91	91
New York .....	3,802	3,795	7	2,571	57	612	932	970	1,231	1,248
North Carolina .....	674	576	98	674	100	449	(X)	125	(X)	173
North Dakota .....	3,028	2,935	93	2,042	53	356	1,387	246	986	987
Ohio .....	3,359	3,239	120	2,526	88	932	1,328	178	833	836
Oklahoma .....	1,959	1,845	114	734	77	533	(X)	124	1,225	1,225
Oregon .....	1,469	1,206	263	985	36	222	(X)	727	484	484
Pennsylvania .....	6,201	4,803	1,398	4,022	66	1,003	1,555	1,398	2,179	2,594
Rhode Island .....	97	89	8	95	(X)	8	31	56	2	41
South Carolina .....	552	483	69	443	46	255	(X)	142	109	110
South Dakota .....	4,463	4,393	70	1,523	64	307	1,072	80	2,940	2,940
Tennessee .....	657	389	268	643	95	280	(X)	268	14	153
Texas .....	3,327	2,990	337	1,853	254	866	(X)	733	1,474	1,481
Utah .....	423	361	62	383	29	212	(X)	142	40	40
Vermont .....	424	411	13	392	14	68	238	72	32	267
Virginia .....	380	334	46	380	98	236	(X)	46	(X)	132
Washington .....	1,646	1,448	198	1,235	39	263	66	867	411	411
West Virginia .....	389	337	52	334	55	224	(X)	55	55	55
Wisconsin .....	3,726	3,662	64	1,974	72	563	1,271	68	1,752	1,827
Wyoming .....	464	363	101	257	23	90	(X)	144	207	207

X Not applicable.

<sup>1</sup> Excludes areas corresponding to counties but having no organized county government.

<sup>2</sup> Includes 2,341 other local public school systems operated as part of a State, county, municipal, or township government and excluded from independent school-district figure and from "All types of local governments."

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. I, *Governmental Organization*.

## No. 580. GOVERNMENT FINANCES—REVENUE, EXPENDITURE, AND DEBT: 1942 TO 1966

[In millions of dollars, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1957*, series Y 384-681]

ITEM AND YEAR	Total	Federal	STATE AND LOCAL			PER CAPITA <sup>1</sup> (dollars)		
			Total	State	Local	Total	Federal	State and local
REVENUE								
1942-----	28,352	16,062	12,290	6,012	6,278	181	110	71
1950-----	66,680	43,527	23,153	11,480	11,673	386	264	121
1955-----	106,404	71,915	34,489	16,678	17,811	564	395	169
1960-----	153,102	99,800	53,302	26,094	27,209	726	484	242
1963-----	180,302	114,557	65,745	32,750	32,995	956	607	349
1964-----	192,412	120,959	71,453	35,703	35,749	1,006	632	373
1965-----	202,585	125,837	76,748	38,506	38,242	1,045	649	396
1966-----	225,641	141,142	84,499	43,000	41,499	1,152	721	431
EXPENDITURE								
1942-----	45,576	34,662	10,914	3,563	7,351	322	254	68
1950-----	70,334	42,429	27,905	10,864	17,041	400	250	150
1955-----	110,717	70,342	40,375	14,371	26,004	592	388	204
1960-----	151,288	90,289	60,999	22,152	38,847	714	426	288
1963-----	184,996	110,298	74,698	27,698	47,002	827	488	339
1964-----	196,431	115,852	80,579	29,616	50,964	868	506	362
1965-----	205,550	118,996	86,554	31,334	55,221	896	511	385
1966-----	224,813	129,907	94,906	34,195	60,711	967	544	423
DEBT OUTSTANDING <sup>2</sup>								
1942-----	91,759	72,422	19,337	3,257	16,080	680	537	143
1950-----	281,472	257,357	24,115	5,285	18,830	1,856	1,697	159
1955-----	318,641	274,374	44,267	11,198	33,069	1,928	1,660	268
1960-----	356,286	286,331	69,955	18,543	51,412	1,979	1,591	389
1963-----	390,916	305,860	85,056	23,176	61,881	2,073	1,622	451
1964-----	433,935	311,713	92,222	25,041	67,181	2,111	1,629	482
1965-----	416,786	317,274	99,512	27,034	72,478	2,150	1,637	513
1966-----	426,958	319,907	107,051	29,564	77,487	2,180	1,633	547

<sup>1</sup> Based on estimated population as of July 1, including Armed Forces abroad through 1955. Refers to general revenue and expenditure excluding intergovernmental amounts. <sup>2</sup> As of end of fiscal year.

Source: Dept. of Commerce, Bureau of the Census; *Historical Statistics on Governmental Finances and Employment* and annual report, *Governmental Finances*.

## No. 581. INDEBTEDNESS AND DEBT TRANSACTIONS OF STATE AND LOCAL GOVERNMENTS: 1966

[Local government amounts are estimates subject to sampling variation; see source]

ITEM	AMOUNT (mil. dol.)			Per capita <sup>1</sup> (dollars)
	Total governments	State	Local	
Debt outstanding-----	107,051	29,564	77,487	547
Long-term-----	101,000	28,504	72,497	516
Full faith and credit-----	59,800	12,709	47,091	305
Nonguaranteed-----	41,200	15,795	25,405	210
Short-term-----	6,051	1,060	4,991	31
Net long-term debt outstanding-----	91,202	24,488	66,714	466
Long-term debt by purpose:				
Local schools-----	24,851	2,522	22,329	127
Local utilities-----	16,917	(X)	16,917	86
All other-----	59,232	25,982	33,250	302
Long-term debt issued-----	12,129	3,597	8,532	62
Long-term debt retired-----	5,641	1,367	4,274	29

X Not applicable.

<sup>1</sup> Based on estimated population as of July 1, 1966, excluding Armed Forces abroad.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1965-66*.

## No. 582. TAX REVENUE, BY SOURCE AND LEVEL OF GOVERNMENT: 1942 TO 1966

[In millions of dollars, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1957*, series Y 386-391, Y 448-458, Y 522-527, Y 581-592, and Y 654-659]

SOURCE AND YEAR	Total	Federal	STATE AND LOCAL			PER CAPITA <sup>1</sup> (dollars)		
			Total	State	Local	Total	Federal	State and local
Total: <sup>2</sup>								
1942.....	20,793	12,265	8,528	3,903	4,625	154	91	63
1950.....	51,100	35,186	15,914	7,930	7,984	337	232	105
1955.....	81,072	57,589	23,483	11,597	11,886	491	348	142
1960.....	113,120	77,003	36,117	18,036	18,081	628	428	201
1962.....	123,816	82,262	41,554	20,561	20,993	666	443	224
1964.....	138,292	90,507	47,785	24,243	23,542	723	473	250
1965.....	144,953	93,710	51,243	26,126	25,116	748	483	264
1966.....	160,836	104,095	56,741	29,380	27,361	821	531	290
Individual income:								
1942.....	3,481	3,205	276	249	27	26	24	2
1950.....	16,533	15,745	788	724	64	109	104	5
1955.....	29,084	28,747	1,237	1,094	143	181	174	7
1960.....	43,178	40,715	2,463	2,209	<sup>3</sup> 254	240	226	14
1962.....	48,608	45,571	3,037	2,728	<sup>3</sup> 309	262	245	16
1964.....	52,488	48,697	3,791	3,415	<sup>3</sup> 376	274	255	20
1965.....	52,882	48,792	4,090	3,657	<sup>3</sup> 433	273	252	21
1966.....	60,206	55,446	4,760	4,288	<sup>3</sup> 472	307	283	24
Corporation income: <sup>2</sup>								
1942.....	4,999	4,727	272	269	3	37	35	2
1950.....	11,081	10,488	593	586	7	73	69	4
1955.....	18,604	17,861	744	737	7	113	108	5
1960.....	22,674	21,494	1,180	1,180	( <sup>3</sup> )	126	119	7
1962.....	21,831	20,523	1,308	1,308	( <sup>3</sup> )	117	110	7
1964.....	25,188	23,493	1,695	1,695	( <sup>3</sup> )	132	123	9
1965.....	27,390	25,461	1,929	1,929	( <sup>3</sup> )	141	131	10
1966.....	32,111	30,073	2,038	2,038	( <sup>3</sup> )	164	154	10
Sales, gross receipts, and customs:								
1942.....	5,776	3,425	2,351	2,218	133	43	25	17
1950.....	12,997	7,843	5,154	4,670	484	86	52	34
1955.....	17,221	9,578	7,643	6,864	779	104	58	46
1960.....	24,452	12,603	11,849	10,510	1,339	136	70	66
1962.....	26,922	13,428	13,494	12,038	1,456	145	72	73
1964.....	30,538	14,776	15,762	13,957	1,806	160	77	82
1965.....	32,904	15,786	17,118	15,059	2,059	170	81	88
1966.....	33,726	14,641	19,085	17,044	2,041	172	75	97
Property:								
1942.....	4,537	(X)	4,537	264	4,273	34	(X)	34
1950.....	7,349	(X)	7,349	307	7,042	48	(X)	48
1955.....	10,735	(X)	10,735	412	10,323	65	(X)	65
1960.....	16,405	(X)	16,405	607	15,798	91	(X)	91
1962.....	19,054	(X)	19,054	640	18,414	103	(X)	103
1964.....	21,241	(X)	21,241	722	20,519	111	(X)	111
1965.....	22,583	(X)	22,583	766	21,817	117	(X)	117
1966.....	24,670	(X)	24,670	834	23,836	126	(X)	126
Other taxes, including licenses:								
1942.....	2,000	908	1,092	903	189	15	7	8
1950.....	3,140	1,110	2,030	1,643	387	21	7	13
1955.....	4,527	1,402	3,125	2,490	634	27	8	19
1960.....	6,411	2,191	4,220	3,530	692	36	12	23
1962.....	7,402	2,740	4,662	3,847	815	40	15	25
1964.....	8,838	3,542	5,296	4,454	841	46	19	28
1965.....	9,191	3,670	5,521	4,715	807	47	19	28
1966.....	10,123	3,935	6,188	5,177	1,011	52	20	32

X Not applicable.

<sup>1</sup> Based on estimated population as of July 1, including Armed Forces abroad through 1955.

<sup>2</sup> Federal amounts include excess profits tax, normal tax, and surtax, and, for 1942, unjust enrichment tax.

<sup>3</sup> Corporation included with individual income tax collections.

Source: Dept. of Commerce, Bureau of the Census; *Historical Statistics on Governmental Finances and Employment*, and annual report, *Governmental Finances*.



## No. 583. GOVERNMENTAL REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1966

[Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1957*, series Y 384-714]

ITEM	AMOUNT (mln. dol.)					PER CAPITA <sup>1</sup> (dol.)		
	All governments	Federal	State and local			Total	Federal	State and local
			Total	State	Local			
<b>Revenue</b> .....	<sup>2</sup> 225,641	141,142	<sup>2</sup> 97,619	55,246	<sup>2</sup> 59,268	<sup>2</sup> 1,152	721	<sup>2</sup> 498
Intergovernmental revenue.....	( <sup>2</sup> )	(X)	<sup>2</sup> 13,120	12,246	17,768	( <sup>2</sup> )	(X)	<sup>2</sup> 67
Revenue from own sources.....	225,641	141,142	84,499	43,000	41,499	1,152	721	431
General revenue from own sources.....	188,462	118,547	69,916	34,511	35,404	962	605	357
Taxes.....	160,836	104,095	56,741	29,380	27,361	821	531	290
Property.....	24,670	(X)	24,670	834	23,836	126	(X)	126
Individual income.....	60,206	55,446	4,760	4,288	<sup>3</sup> 472	307	283	24
Corporation income.....	32,111	30,073	2,038	2,038	( <sup>3</sup> )	164	154	10
Sales and gross receipts.....	33,726	14,641	19,085	17,044	2,041	172	75	97
Customs duties.....	1,767	1,767	(X)	(X)	(X)	9	9	(X)
General sales and gross receipts.....	9,225	(X)	9,225	7,873	1,352	47	(X)	47
Selective sales and gross receipts.....	22,732	12,874	9,858	9,170	688	116	66	50
Motor fuel.....	7,615	2,955	4,660	4,627	33	39	15	24
Alcoholic beverages.....	4,717	3,698	1,019	985	34	24	19	5
Tobacco products.....	3,712	2,066	1,646	1,541	105	19	11	8
Public utilities.....	1,972	1,048	924	552	372	10	5	5
Other.....	4,719	3,108	1,611	1,466	144	24	16	8
Motor vehicle and operators' licenses.....	2,361	(X)	2,361	2,237	125	12	(X)	12
Death and gift.....	3,874	3,066	808	808	( <sup>4</sup> )	20	16	4
All other.....	3,888	869	3,019	2,132	887	20	4	15
Charges and misc. general revenue.....	27,626	14,452	13,175	5,131	8,044	141	74	67
Current charges.....	19,189	9,817	9,372	3,606	5,766	98	50	48
National defense and international relations.....	659	659	(X)	(X)	(X)	3	3	(X)
Postal service.....	4,584	4,584	(X)	(X)	(X)	23	23	(X)
Education.....	3,701	15	3,686	2,036	1,650	19	(Z)	19
School lunch sales.....	1,048	(X)	1,048	(X)	1,048	5	(X)	5
Other.....	2,653	(X)	2,638	2,036	602	14	(X)	14
Natural resources.....	3,358	3,099	259	148	111	17	16	1
Hospitals.....	1,552	32	1,520	427	1,093	8	(Z)	8
Sewerage.....	571	(X)	571	(X)	571	3	(X)	3
Other sanitation.....	218	(X)	218	(X)	218	1	(X)	1
Local parks and recreation.....	175	(X)	175	(X)	175	1	(X)	1
Housing and urban renewal.....	984	527	457	5	452	5	3	2
Air transportation.....	289	4	285	18	267	1	(Z)	1
Water transport and terminals.....	433	240	193	55	138	2	1	1
Other.....	2,665	656	2,009	917	1,092	14	3	10
Special assessments.....	529	(X)	529	10	529	3	(X)	3
Sale of property.....	785	480	305	39	266	4	2	2
Interest earnings.....	2,373	967	1,406	661	745	12	5	7
Other misc. general revenue.....	4,751	3,188	1,563	816	738	24	16	8
Utility revenue.....	5,069	(X)	5,069	(X)	5,069	26	(X)	26
Liquor stores revenue.....	1,550	(X)	1,550	1,361	189	8	(X)	8
Insurance trust revenue.....	30,558	22,595	7,964	7,128	837	156	115	41
<b>Expenditure</b> .....	<sup>2</sup> 224,813	143,022	<sup>2</sup> 94,906	51,043	<sup>2</sup> 60,994	<sup>2</sup> 1,148	730	<sup>2</sup> 485
Intergovernmental expenditure.....	( <sup>2</sup> )	13,115	( <sup>2</sup> )	16,848	283	( <sup>2</sup> )	67	( <sup>2</sup> )
Direct expenditure.....	224,813	129,907	94,906	34,195	60,711	1,148	663	485
By type:								
General expenditure.....	189,406	106,564	82,842	29,162	53,680	967	544	423
Utility expenditure.....	6,042	(X)	6,042	(X)	6,042	31	(X)	31
Liquor stores expenditure.....	1,240	(X)	1,240	1,081	159	6	(X)	6
Insurance trust expenditure.....	28,126	23,342	4,782	3,952	830	144	119	24
By character and object:								
Current operation.....	130,488	66,986	60,212	16,855	43,357	666	342	307
Capital outlay.....	39,981	20,941	22,330	10,193	12,137	204	107	114
Construction.....	22,411	4,610	17,801	8,287	9,514	114	24	91
Equipment.....	13,995	16,160	1,835	546	1,289	71	83	9
Land and existing structures.....	3,574	171	2,693	1,360	1,333	18	1	14
Assistance and subsidies.....	13,363	9,048	4,315	2,301	2,014	68	46	22
Interest on debt.....	12,857	9,589	3,268	894	2,374	66	49	17
Insurance benefits and repayments.....	28,126	23,342	4,782	3,952	830	144	119	24
Expenditure for personal services.....	<sup>5</sup> 72,963	32,904	40,069	10,661	29,498	373	168	205

X Not applicable. Z Less than \$0.50.

<sup>1</sup> Based on estimated population (excluding Armed Forces abroad) as of July 1, 1966.<sup>2</sup> Aggregates exclude duplicative transactions between levels of government; see source.<sup>3</sup> Minor amount of corporation taxes included in individual income tax figures.<sup>4</sup> Minor amount of death and gift taxes included in "All other" taxes.<sup>5</sup> Includes pay and allowances of military personnel.Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1965-66*.

## No. 584. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1962 TO 1968

[In millions of dollars. For years ending June 30. Comprises administrative budget accounts and trust funds]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1962	1963	1964	1965	1966	1967 est.	1968 est.
<b>Grants-in-aid and shared revenue</b> .....	<b>7,923</b>	<b>8,634</b>	<b>10,141</b>	<b>10,904</b>	<b>12,960</b>	<b>15,366</b>	<b>17,439</b>
National defense .....	35	40	35	33	25	27	33
Civil defense and emergency planning .....	17	21	21	22	22	26	30
National guard facilities .....	18	19	14	11	3	1	3
International affairs: East-West Center, Hawaii .....	7	7	4	4	6	6	6
Agriculture and agricultural resources .....	485	464	599	518	369	525	559
Removal of surplus commodities and value of commodities donated .....	381	353	481	387	227	325	361
Rural water and waste disposal facilities .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(Z)	41	30
Agricultural experiment stations .....	35	37	40	45	51	57	64
Cooperative agricultural extension work .....	68	72	77	82	87	90	94
Other .....	1	1	2	3	4	13	10
Natural resources .....	206	265	279	298	345	392	541
Watershed protection and flood prevention .....	39	57	57	58	69	68	71
National forest and grassland shared revenue .....	26	28	31	34	36	43	44
Waste treatment works and pollution control .....	42	52	72	75	89	92	171
Mineral leasing act shared revenue .....	39	47	47	47	47	48	49
Fish and wildlife restoration and management .....	20	20	21	20	22	25	25
Land and water conservation fund .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(Z)	3	29	51
Other grants and shared revenue .....	40	61	52	64	79	87	130
Commerce and transportation .....	2,842	3,093	3,979	4,386	4,159	4,196	4,314
Public works acceleration .....	(Z)	15	257	288	85	36	-
Highway programs .....	2,783	3,023	3,644	4,018	4,010	4,051	4,115
Federal-aid airport program .....	58	51	65	71	54	54	59
Economic Development Administration .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7	51	132
Other .....	1	3	12	9	3	5	8
Housing and community development .....	354	400	452	559	626	828	1,274
Low rent public housing .....	154	170	182	206	226	249	278
Urban renewal .....	163	187	212	281	313	361	448
Urban planning and open space .....	7	12	20	23	28	51	88
Urban transportation assistance .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11	16	56	109
Water, sewer, and neighborhood facilities .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-	43	125
Model city grants .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5	147
Federal payment to D.C. .....	30	30	38	38	44	60	71
Other .....	-	(Z)	1	1	-	3	10
Health, labor, and welfare .....	3,512	3,799	4,187	4,402	5,781	7,012	8,042
Disaster relief .....	14	30	21	43	132	81	35
Economic opportunity programs .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	115	639	1,103	1,410
Special milk, school lunch, and food stamp .....	272	281	305	295	357	447	528
Hospital construction .....	163	182	187	193	196	220	231
Community health .....	31	34	60	63	71	158	349
National Institutes of Health (mental health) .....	16	19	11	13	92	112	216
Maternal and child welfare .....	67	73	84	97	114	155	207
Public assistance (including medical) .....	2,432	2,730	2,944	3,059	3,528	3,926	4,153
Vocational rehabilitation .....	65	73	88	101	159	257	310
Employment security programs .....	449	330	405	393	469	518	552
Manpower development and training activities .....	( <sup>1</sup> )	38	80	23	22	30	40
Other .....	4	8	3	6	2	5	11
Education .....	405	465	481	610	1,525	2,229	2,498
School assistance in Federally affected areas .....	268	330	323	341	378	391	390
Elementary and secondary educational activities .....	66	63	84	81	900	1,324	1,456
Higher education aid .....	14	14	14	16	53	170	245
Vocational education .....	40	41	41	132	129	221	228
Library services and construction .....	8	7	7	26	45	90	107
Other .....	8	9	11	16	20	33	72
Veterans benefits and services .....	8	8	8	8	9	11	15
General government .....	70	91	118	84	116	139	157
Grants to outlying areas <sup>2</sup> .....	16	22	32	13	27	37	38
Shared revenue to Puerto Rico and Virgin Is. ....	48	66	66	68	82	91	87
Other .....	6	3	20	2	7	11	32
<b>Loans and repayable advances (net)</b> .....	<b>267</b>	<b>184</b>	<b>173</b>	<b>223</b>	<b>318</b>	<b>28</b>	<b>-445</b>
Natural resources .....	18	14	12	16	22	20	20
Commerce and transportation .....	(Z)	3	13	8	4	22	21
Housing and community development .....	130	50	46	124	93	72	60
Education .....	115	115	92	69	193	-98	-556
Other .....	5	2	11	6	6	12	10

- Represents zero. Z Less than \$500,000. <sup>1</sup> Program not in operation.<sup>2</sup> Comprises American Samoa, Guam, and the Trust Territory of the Pacific Islands.Source: Executive Office of the President, Bureau of the Budget; *Special Analysis of Federal Aid to State and Local Governments*; derived from *The Budget of the United States Government*.



## Expenditure

421

## No. 585. GOVERNMENTAL EXPENDITURE, BY FUNCTION: 1942 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 412-445]

FUNCTION	1942	1950	1955	1960	1962	1964	1965	1966
EXPENDITURE (mil. dol.)								
<b>Total</b> .....	45,576	70,334	110,717	151,288	176,240	196,431	205,550	224,813
<b>General expenditure</b> .....	43,483	60,701	97,828	128,600	149,159	166,088	173,613	189,406
National defense and international relations.....	26,555	18,355	43,472	47,464	53,225	57,326	55,810	60,832
Space research and technology.....	(X)	(X)	(X)	395	1,242	4,140	5,058	5,869
Postal service.....	878	2,270	2,726	3,730	4,101	4,775	5,261	5,706
Education.....	2,696	9,647	12,710	19,404	22,814	27,342	29,613	34,837
Institutions of higher education <sup>1</sup> .....	296	1,107	1,570	3,202	4,042	5,278	5,863	7,207
Local schools <sup>1</sup> .....	2,225	5,906	10,129	15,166	17,739	20,399	21,966	25,091
Other.....	175	2,634	1,012	1,036	1,032	1,665	1,785	2,539
Highways.....	1,765	3,872	6,520	9,565	10,508	11,828	12,348	12,895
Public welfare.....	1,285	2,964	3,210	4,462	5,147	5,880	6,420	6,965
Hospitals.....	517	2,050	2,721	4,213	4,791	5,461	5,865	6,297
Health.....	197	661	707	1,031	1,344	1,618	1,805	2,065
Police.....	444	864	1,358	2,030	2,326	2,586	2,792	3,033
Local fire protection.....	236	488	694	995	1,124	1,222	1,306	1,376
Sanitation.....	229	834	1,142	1,727	1,958	2,267	2,360	2,571
Natural resources.....	2,468	5,005	6,338	8,414	12,194	10,042	10,990	10,301
Local parks and recreation.....	128	304	509	770	886	1,022	1,104	1,187
Housing and urban renewal.....	622	573	611	1,142	1,701	2,037	2,198	2,415
Veterans services not elsewhere classified.....	481	3,258	3,058	3,801	4,224	4,208	4,210	4,531
Financial administration.....	828	1,555	2,060	2,859	1,704	1,957	2,074	2,178
General control.....					1,483	1,626	1,768	1,927
Interest on general debt.....	1,591	4,862	5,684	9,332	9,173	10,649	11,430	12,278
Other and unallocable.....	2,562	3,139	4,308	7,266	9,214	10,102	11,200	12,143
<b>Utility and liquor stores expenditure</b> .....	1,106	2,739	3,886	5,088	5,453	6,184	7,058	7,282
<b>Insurance trust expenditure</b> .....	986	6,894	9,002	17,596	21,628	24,161	24,880	28,126
Old age, survivors, and disability insurance.....	110	726	4,333	10,798	13,669	15,830	16,618	19,793
Unemployment compensation.....	386	1,980	1,990	2,639	3,019	2,772	2,413	1,981
Employee retirement.....	247	629	1,152	2,161	2,642	3,170	3,455	3,915
Other.....	243	3,559	1,527	1,997	2,298	2,888	2,393	2,437
PER CAPITA GENERAL EXPENDITURE <sup>2</sup> (dollars)								
<b>Total</b> .....	322	400	592	714	803	868	896	967
National defense and international relations.....	197	121	263	264	286	300	288	311
Space research and technology.....	(X)	(X)	(X)	2	7	22	26	30
Postal service.....	7	15	16	21	22	25	27	29
Education.....	20	64	77	108	123	143	153	178
Institutions of higher education.....	2	7	10	18	22	28	30	37
Local schools.....	17	39	61	84	95	107	113	128
Other.....	1	17	6	6	6	9	9	13
Highways.....	13	26	39	53	57	62	64	66
Public welfare.....	10	20	19	25	28	31	33	36
Hospitals.....	4	14	16	23	26	29	30	32
Health.....	1	4	4	6	7	8	9	11
Police.....	3	6	8	11	13	14	14	15
Local fire protection.....	2	3	4	6	6	6	7	7
Sanitation.....	2	6	7	10	11	12	12	13
Natural resources.....	18	33	38	47	66	52	57	53
Local parks and recreation.....	1	2	3	4	5	5	6	6
Housing and urban renewal.....	5	4	4	6	9	11	11	12
Veterans services not elsewhere classified.....	4	21	19	21	23	22	22	23
Financial administration.....	6	10	12	16	9	10	11	11
General control.....					8	9	9	10
Interest on general debt.....	12	32	34	52	49	56	59	63
Other and unallocable.....	19	21	26	40	50	53	58	62

X Not applicable.

<sup>1</sup> Through 1950, amounts for locally administered institutions of higher education included in "Local schools."<sup>2</sup> Based on estimated population as of July 1, including Armed Forces abroad through 1955.Source: Dept. of Commerce, Bureau of the Census; *Historical Statistics on Governmental Finances and Employment*, and annual report, *Governmental Finances*.



No. 586. GOVERNMENTAL GENERAL EXPENDITURE (DIRECT AND INTERGOVERNMENTAL): 1966

[Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1967*, series Y 486-491, Y 493-494, Y 496-499, Y 505, and Y 508]

FUNCTION	AMOUNT (mil. dol.)				PERCENT			
	All governments	Federal	State	Local	All governments	Federal	State	Local
Total.....	189,406	119,679	46,010	53,963	100.0	100.0	100.0	100.0
National defense and international relations <sup>2</sup> .....	60,832	60,832	(X)	(X)	32.1	50.8	(X)	(X)
Space research and technology <sup>2</sup> .....	5,869	5,869	(X)	(X)	3.1	4.9	(X)	(X)
Postal service <sup>2</sup> .....	5,706	5,706	(X)	(X)	3.0	4.8	(X)	(X)
Education.....	34,837	4,564	17,749	25,750	18.4	3.8	38.6	47.7
Highways.....	12,895	4,078	10,349	4,178	6.8	3.4	22.5	7.7
Natural resources.....	10,300	8,480	1,567	510	5.4	7.1	3.4	0.9
Health and hospitals.....	8,363	2,775	3,241	3,031	4.4	2.3	7.0	5.6
Public welfare.....	6,965	3,787	6,020	3,662	3.7	3.2	13.1	6.8
Housing and urban renewal.....	2,415	1,616	84	1,382	1.3	1.4	0.2	2.6
Air transportation.....	1,226	856	59	380	0.6	0.7	0.1	0.7
Social insurance administration.....	1,108	1,094	500	(X)	0.6	0.9	1.1	(X)
Interest on general debt <sup>2</sup> .....	12,278	9,589	894	1,796	6.5	8.0	1.9	3.3
Other and combined.....	26,610	10,433	5,547	13,274	14.0	8.7	12.1	24.6

X Not applicable.  
<sup>1</sup> Aggregates exclude duplicative transactions between levels of government.  
<sup>2</sup> Entirely direct expenditure.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1966-66*.

No. 587. GOVERNMENTAL EXPENDITURE FOR CAPITAL OUTLAY: 1966

[In millions of dollars. Local government amounts are estimates subject to sampling variation; see source]

FUNCTION	TOTAL CAPITAL OUTLAY					CONSTRUCTION EXPENDITURE ONLY				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
Total.....	39,981	17,652	22,330	10,193	12,137	22,411	4,610	17,801	8,287	9,514
National defense and international relations.....	13,335	13,335	(X)	(X)	(X)	1,692	1,692	(X)	(X)	(X)
Other.....	26,646	4,316	22,330	10,193	12,137	20,720	2,919	17,801	8,287	9,514
Space research and technology.....	653	653	(X)	(X)	(X)	572	572	(X)	(X)	(X)
Education.....	5,938	47	5,891	1,844	4,047	4,649	18	4,631	1,445	3,186
Institutions of higher education.....	1,854	(X)	1,854	1,612	242	1,430	(X)	1,430	1,255	175
Local schools.....	3,879	(X)	3,879	75	3,804	3,080	(X)	3,080	69	3,011
Other.....	205	47	158	158	-	139	18	121	121	-
Highways.....	8,645	47	8,598	6,990	1,608	7,170	38	7,132	5,842	1,290
Natural resources.....	2,288	1,601	687	483	204	1,902	1,399	503	346	157
Health and hospitals.....	720	170	550	293	257	571	115	456	250	206
Sewerage.....	1,202	(X)	1,202	(X)	1,202	1,165	(X)	1,165	(X)	1,165
Local parks and recreation.....	378	(X)	378	(X)	378	243	(X)	243	(X)	243
Housing and urban renewal.....	1,625	712	913	8	905	446	-	446	3	443
Air transportation.....	341	84	257	31	226	279	62	217	30	187
Water transport and terminals.....	563	370	193	97	96	481	307	174	94	80
Local utilities.....	2,099	(X)	2,099	(X)	2,099	1,850	(X)	1,850	(X)	1,850
Water supply.....	1,211	(X)	1,211	(X)	1,211	1,129	(X)	1,129	(X)	1,129
Electric power.....	644	(X)	644	(X)	644	593	(X)	593	(X)	593
Transit.....	216	(X)	216	(X)	216	101	(X)	101	(X)	101
Gas supply.....	28	(X)	28	(X)	28	27	(X)	27	(X)	27
All other.....	2,195	630	1,565	447	1,118	1,390	407	983	276	707

- Represents zero. X Not applicable.  
Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1966-66*.

No. 588. SUMMARY OF STATE AND LOCAL GOVERNMENT FINANCES: 1942 TO 1966  
 [In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 587. See also *Historical Statistics, Colonial Times to 1957*, series Y 517-574]

ITEM	1942	1950	1955	1960	1962	1964	1965	1966
<b>Revenue</b> .....	13,148	25,639	37,619	60,277	69,492	81,455	87,777	97,619
<b>From Federal Government</b> .....	358	2,486	3,131	6,974	7,871	10,002	11,029	13,120
Public welfare.....	369	1,107	1,432	2,070	2,448	2,973	3,098	3,579
Highways.....	169	438	596	2,905	2,748	3,628	3,997	3,992
Education.....	137	345	512	950	1,169	1,371	1,677	3,014
Social insurance administration.....	57	168	209	325	461	415	413	510
Other and unallocable <sup>1</sup> .....	125	428	382	724	1,045	1,615	1,844	2,025
<b>From State and local sources</b> .....	12,290	23,153	34,489	53,302	61,621	71,453	76,748	84,499
General, net of intergovernmental.....	9,560	18,425	27,942	43,530	50,381	58,440	62,971	69,916
Taxes.....	8,528	15,914	23,483	36,117	41,554	47,785	51,243	56,741
Property.....	4,537	7,349	10,735	16,405	19,054	21,241	22,583	24,670
Sales and gross receipts.....	2,351	5,154	7,643	11,849	13,494	15,762	17,118	19,085
Individual income.....	276	788	1,237	2,463	3,037	3,791	4,090	4,760
Corporation net income.....	272	593	744	1,180	1,308	1,695	1,929	2,038
Licenses and other.....	1,092	2,030	3,125	4,220	4,662	5,296	5,521	6,188
Charges and miscellaneous.....	1,031	2,511	4,459	7,414	8,827	10,655	11,729	13,175
Utility and liquor stores revenue.....	1,277	2,712	3,688	4,877	5,308	5,975	6,355	6,619
Water supply system.....	439	705	1,092	1,529	1,725	1,917	2,004	2,115
Electric power system.....	251	574	870	1,307	1,422	1,718	1,833	1,911
Transit system.....	170	468	544	581	643	715	776	743
Gas supply system.....	27	61	104	196	236	266	295	300
Liquor stores.....	390	904	1,079	1,264	1,282	1,359	1,447	1,550
Insurance trust revenue.....	1,454	2,016	2,858	4,896	5,932	7,038	7,422	7,964
Employee retirement.....	195	606	1,180	2,099	2,561	3,072	3,423	3,744
Unemployment compensation.....	1,142	1,180	1,329	2,323	2,820	3,260	3,244	3,337
Other.....	117	229	349	472	550	706	755	883
<b>Direct expenditure</b> .....	10,914	27,905	40,375	60,999	70,547	80,579	86,554	94,906
<b>By function:</b>								
General expenditure.....	9,190	22,787	33,724	51,876	60,206	69,302	74,546	82,843
Education.....	2,586	7,177	11,907	18,719	22,216	26,286	28,563	33,287
Institutions of higher education <sup>2</sup> .....	296	1,107	1,570	3,202	4,043	5,278	5,863	7,207
Local schools <sup>2</sup> .....	2,225	5,906	10,129	15,166	17,739	20,899	21,966	25,091
Other.....	65	164	210	351	434	609	735	989
Highways.....	1,490	3,803	6,452	9,428	10,357	11,664	12,221	12,770
Public welfare.....	1,225	2,940	3,168	4,404	5,084	5,766	6,315	6,757
Health.....	159	364	471	559	669	739	836	941
Hospitals.....	432	1,384	2,053	3,235	3,673	4,171	4,525	4,969
Police protection.....	394	776	1,229	1,857	2,130	2,366	2,549	2,776
Local fire protection.....	236	488	694	995	1,124	1,222	1,306	1,376
Natural resources.....	214	670	793	1,189	1,371	1,835	1,730	2,039
Sanitation and sewerage.....	229	834	1,142	1,727	1,958	2,267	2,360	2,571
Housing and urban renewal.....	236	452	499	858	1,153	1,142	1,250	1,406
Local parks and recreation.....	128	304	509	770	886	1,022	1,104	1,187
Financial administration.....	578	1,041	1,452	2,113	1,064	1,180	1,267	1,333
General control.....					1,274	1,387	1,506	1,641
Interest on general debt <sup>3</sup> .....					2,011	2,356	2,490	2,690
Other and unallocable.....	718	2,096	2,517	4,351	5,237	5,899	6,524	7,100
Utility and liquor stores expenditure <sup>3</sup> .....	1,106	2,739	3,886	5,088	5,453	6,184	7,058	7,282
Water supply system.....	368	849	1,479	1,881	2,076	2,255	2,505	2,716
Electric power system.....	216	534	819	1,244	1,379	1,614	1,983	1,949
Transit system.....	201	570	600	750	771	948	1,127	1,114
Gas supply system.....	19	52	125	191	219	251	272	263
Liquor stores.....	302	734	863	1,022	1,008	1,117	1,172	1,240
Insurance trust expenditure.....	617	2,379	2,764	4,031	4,888	5,094	4,950	4,782
Employee retirement.....	169	361	722	1,265	1,578	1,844	2,298	2,219
Unemployment compensation.....	377	1,849	1,784	2,364	2,808	2,638	2,008	1,893
Other.....	71	169	258	402	502	612	644	671
<b>By character and object:</b>								
Current operation.....	7,057	15,948	23,186	36,318	42,736	49,687	53,929	60,212
Capital outlay.....	1,477	6,047	10,706	15,104	16,791	19,087	20,535	22,330
Construction.....	1,241	5,169	9,048	12,352	13,625	15,389	16,413	17,801
Land and existing structures.....	236	415	925	1,560	1,859	2,200	2,471	2,693
Equipment.....		464	733	1,192	1,307	1,498	1,652	1,835
Assistance and subsidies.....	1,056	2,918	2,660	3,518	3,708	3,885	4,127	4,315
Interest on debt (general and utility).....	706	613	1,059	2,028	2,424	2,826	3,012	3,268
Insurance benefits and repayments.....	617	2,379	2,764	4,031	4,888	5,094	4,950	4,782
<b>Expenditure for personal services</b> .....	4,515	10,043	15,539	24,445	28,729	33,310	36,095	40,059
<b>Debt outstanding at end of year</b> .....	19,337	24,115	44,267	69,955	81,278	92,222	99,512	107,051
Long-term.....	18,406	23,056	42,272	66,801	77,543	87,527	94,204	101,000
Short-term.....	931	1,060	1,995	3,154	3,735	4,695	5,309	6,051
<b>Net change during year</b> .....	-570	3,116	5,336	5,845	5,537	7,166	7,290	7,539

<sup>1</sup> Prior to 1955, includes all local revenue received directly from Federal Government.

<sup>2</sup> Prior to 1960, amounts for locally administered institutions of higher education are included in "Local schools."

<sup>3</sup> Interest on utility debt included in "utility expenditure." For total expenditure for interest on debt, see "Interest on debt (general and utility)," below.

Source: Dept. of Commerce, Bureau of the Census; *Historical Statistics on Governmental Finances and Employment*, and annual report, *Governmental Finances*.



No. 589. STATE AND LOCAL TAX REVENUE: 1965 TO 1967

[In millions of dollars]

PERIOD	Total	State	Local	SELECTED SOURCES				
				Property <sup>1</sup>	General sales and gross receipts	Motor fuel sales	Individual income	Motor vehicle and operators' licenses
1965	53,968	27,601	26,367	23,876	8,588	4,504	4,417	2,201
First quarter	12,541	7,315	5,226	4,756	2,033	1,003	1,006	965
Second quarter	14,098	7,792	6,306	5,538	2,130	1,115	1,492	625
Third quarter	11,506	6,083	5,423	4,780	2,083	1,226	938	261
Fourth quarter	15,823	6,411	9,412	8,802	2,342	1,160	981	350
1966	58,934	30,890	28,044	25,223	9,879	4,775	5,422	2,348
First quarter	13,754	8,198	5,556	4,997	2,454	1,094	1,161	1,051
Second quarter	15,784	8,992	6,792	6,012	2,524	1,178	1,840	661
Third quarter	12,624	6,808	5,816	5,093	2,396	1,278	1,203	288
Fourth quarter	16,772	6,892	9,880	9,121	2,505	1,225	1,218	348
1967, first quarter	14,825	8,677	6,148	5,430	2,638	1,133	1,454	1,053

<sup>1</sup> Estimates subject to sampling variation.

Source: Dept. of Commerce, Bureau of the Census; *Quarterly Summary of State and Local Tax Revenue*.

No. 590. GENERAL REVENUE OF STATE AND LOCAL GOVERNMENTS: 1942 TO 1966

ITEM	1942	1950	1955	1960	1962	1964	1965	1966
Total.....mil. dol.	10,418	20,911	31,073	50,505	58,252	68,443	74,000	83,036
PER CAPITA <sup>1</sup> (dollars)								
Total.....	77	138	188	281	313	358	382	424
From Federal Government.....	6	16	19	39	42	52	57	67
From own sources:								
Taxes.....	63	105	142	201	224	250	264	290
Property tax.....	34	48	65	91	103	111	117	126
Other.....	30	56	77	110	121	139	148	164
Charges and miscellaneous.....	8	17	27	41	48	56	61	67
AMOUNT PER \$1,000 OF PERSONAL INCOME DURING CALENDAR YEAR <sup>2</sup> (dollars)								
Total.....	85.10	91.53	101.35	126.26	132.47	148.27	150.71	156.04
From Federal Government.....	7.01	10.88	10.21	17.44	17.90	21.66	22.46	24.65
From own sources.....	78.10	80.65	91.14	108.82	114.57	126.60	128.25	131.38
Taxes.....	69.67	69.66	76.59	90.29	94.49	103.52	104.36	106.63
Charges and miscellaneous.....	8.43	10.99	14.54	18.53	20.07	23.08	23.89	24.75

<sup>1</sup> Based on estimated population as of July 1, including Armed Forces abroad through 1955.

<sup>2</sup> Based on personal income estimates by Office of Business Economics, for year cited through 1963, and for preceding year, beginning 1964.

No. 591. DIRECT GENERAL EXPENDITURE OF STATE AND LOCAL GOVERNMENTS: 1942 TO 1966

[Prior to 1960, excludes Alaska and Hawaii]

ITEM	1942	1950	1955	1960	1962	1964	1965	1966
Total.....mil. dol.	9,190	22,787	33,724	51,876	60,206	69,302	74,546	82,843
PER CAPITA <sup>1</sup> (dollars)								
Total.....	68	150	204	288	324	362	385	423
Education.....	19	47	72	104	120	137	147	170
Highways.....	11	25	39	52	56	61	63	65
Public welfare.....	9	19	19	24	27	30	33	35
Health and hospitals.....	4	12	15	21	23	26	28	30
All other <sup>2</sup> .....	24	47	59	86	98	108	114	123
PERCENT OF TOTAL								
Education.....	28.1	31.5	35.3	36.1	36.7	37.9	38.3	40.2
Highways.....	16.2	16.7	19.1	18.2	17.3	16.8	16.4	15.4
Public welfare.....	13.3	13.0	9.4	8.5	8.5	8.3	8.5	8.3
Health and hospitals.....	6.4	7.7	7.5	7.3	7.3	7.1	7.2	7.1
All other <sup>2</sup> .....	35.9	31.2	28.7	29.9	30.2	29.8	29.6	29.1

<sup>1</sup> See footnote 1, table 590.    <sup>2</sup> Includes police protection, fire protection, natural resources, sanitation, financial administration, general control, and interest on general debt as well as miscellaneous lesser functions.

Source of tables 590 and 591: Dept. of Commerce, Bureau of the Census; *Historical Statistics on Governmental Finances and Employment*, and annual report, *Governmental Finances*.



# No. 592. GENERAL REVENUE OF STATE AND LOCAL GOVERNMENTS—ORIGIN AND ALLOCATION, BY STATES: 1966

[In millions of dollars, except percent. Local government amounts are estimates subject to sampling variation, see source]

STATE	Total general revenue	ORIGINATING LEVEL OF GOVERNMENT <sup>1</sup>						FINAL RECIPIENT LEVEL <sup>2</sup>			
		Amount			Percent			Amount		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
U.S. ....	83,036	13,120	34,511	35,404	15.8	41.6	42.6	30,367	52,669	36.6	63.4
Ala. ....	1,194	330	539	325	27.6	45.2	27.2	591	603	49.5	50.5
Alaska. ....	229	102	87	40	44.4	38.2	17.4	158	71	69.1	30.9
Ariz. ....	750	152	330	267	20.3	44.0	35.7	329	420	43.9	56.1
Ark. ....	629	173	298	159	27.5	47.3	25.2	353	277	56.0	44.0
Calif. ....	10,780	1,769	3,917	5,094	16.4	36.3	47.3	2,897	7,882	26.9	73.1
Colo. ....	1,028	199	403	426	19.4	39.2	41.4	392	636	38.2	61.8
Conn. ....	1,220	154	523	543	12.6	42.9	44.5	551	670	45.1	54.9
Del. ....	265	40	162	64	14.9	60.9	24.2	139	126	52.4	47.6
D.C. ....	409	110	(X)	299	26.9	(X)	73.1	(X)	409	(X)	100.0
Fla. ....	2,280	322	926	1,032	14.1	40.6	45.3	819	1,461	35.9	64.1
Ga. ....	1,520	312	689	520	20.5	45.3	34.2	676	844	44.5	55.5
Hawaii. ....	411	84	232	95	20.3	56.5	23.2	294	117	71.5	28.5
Idaho. ....	309	61	139	109	19.8	44.9	35.3	153	156	49.5	50.5
Ill. ....	4,300	532	1,547	2,220	12.4	36.0	51.6	1,444	2,856	33.6	66.4
Ind. ....	1,966	230	904	831	11.7	46.0	42.3	716	1,250	36.4	63.6
Iowa. ....	1,242	177	500	565	14.3	40.2	45.5	519	722	41.8	58.2
Kans. ....	979	146	413	420	14.9	42.2	42.9	405	574	41.4	58.6
Ky. ....	1,049	254	506	289	24.2	48.3	27.6	566	483	54.0	46.0
La. ....	1,540	334	881	325	21.7	57.2	21.1	880	660	57.1	42.9
Maine. ....	361	70	157	134	19.4	43.5	37.0	200	161	55.4	44.6
Md. ....	1,445	180	680	584	12.5	47.1	40.4	469	976	32.4	67.6
Mass. ....	2,394	327	884	1,183	13.6	36.9	49.4	790	1,604	33.0	67.0
Mich. ....	3,725	472	1,724	1,529	12.7	46.3	41.0	1,347	2,378	36.2	63.8
Minn. ....	1,782	287	749	746	16.1	42.0	41.9	683	1,099	38.3	61.7
Miss. ....	747	177	342	228	23.7	45.8	30.5	351	396	47.0	53.0
Mo. ....	1,687	339	650	697	20.1	38.6	41.3	735	952	43.6	56.4
Mont. ....	348	86	121	141	24.7	34.7	40.6	171	177	49.1	50.9
Nebr. ....	559	91	169	299	16.2	30.2	53.5	196	362	35.2	64.8
Nev. ....	261	58	96	107	22.3	36.8	41.0	107	154	41.1	58.9
N.H. ....	235	39	80	116	16.6	34.2	49.2	107	128	45.6	54.4
N.J. ....	2,640	275	753	1,612	10.4	28.5	61.0	736	1,904	27.9	72.1
N. Mex. ....	552	164	280	109	29.6	50.7	19.7	304	248	55.1	44.9
N.Y. ....	9,646	832	3,839	4,975	8.6	39.8	51.6	2,002	7,644	20.8	79.2
N.C. ....	1,557	275	886	396	17.7	56.9	25.4	704	853	45.2	54.8
N. Dak. ....	310	56	141	112	18.2	45.6	36.2	161	149	51.9	48.1
Ohio. ....	3,685	539	1,339	1,807	14.6	36.3	49.0	1,118	2,567	30.3	69.7
Okla. ....	1,037	244	495	298	23.5	47.7	28.8	555	482	53.5	46.5
Oreg. ....	979	219	387	373	22.3	39.5	38.1	445	534	45.5	54.5
Pa. ....	4,183	579	1,870	1,734	13.8	44.7	41.4	1,757	2,426	42.0	58.0
R.I. ....	360	66	161	133	18.2	44.9	36.9	175	185	48.6	51.4
S.C. ....	725	136	416	172	18.8	57.5	23.8	395	330	54.5	45.5
S. Dak. ....	300	65	107	127	21.6	35.9	42.5	152	147	50.9	49.1
Tenn. ....	1,228	280	533	414	22.8	43.4	33.7	528	700	43.0	57.0
Texas. ....	3,728	626	1,572	1,530	16.8	42.2	41.0	1,511	2,217	40.5	59.5
Utah. ....	471	116	210	145	24.6	44.5	30.9	228	242	48.5	51.5
Vt. ....	191	51	87	53	26.8	45.6	27.6	123	68	64.3	35.7
Va. ....	1,490	286	656	548	19.2	44.0	36.8	659	831	44.2	55.8
Wash. ....	1,565	259	809	497	16.5	51.7	31.7	744	821	47.5	52.5
W. Va. ....	643	174	306	163	27.1	47.5	25.4	362	281	56.3	43.7
Wis. ....	1,883	196	939	749	10.4	49.9	39.8	554	1,329	29.4	70.6
Wyo. ....	221	75	76	70	33.9	34.4	31.7	114	107	51.6	48.4

X Not applicable.

<sup>1</sup> Before transfers among governments.

<sup>2</sup> After intergovernmental transfers.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1965-66*.

## No. 593. GENERAL REVENUE OF STATE AND LOCAL GOVERNMENTS—STATES: 1966

[These data are estimates subject to sampling variation; see source]

STATE	Total amount (mil. dol.)	PER CAPITA <sup>1</sup> (dollars)						AMOUNT PER \$1,000 OF PERSONAL INCOME DURING CALENDAR YEAR, 1965 <sup>2</sup> (dollars)				
		Total	From Federal Gov- ern- ment	From own sources				Total	From Federal Gov- ern- ment	From own sources		
				Taxes			Charges and miscel- laneous			Total	Taxes	Charges and miscel- laneous
				All taxes	Prop- erty tax	Other						
U.S.	83,036	424	67	290	126	164	67	156.04	24.65	131.38	106.63	24.75
Ala.	1,194	340	94	182	33	149	64	179.34	49.56	129.77	95.97	33.80
Alaska	229	841	373	287	69	218	181	268.69	119.25	149.44	91.68	57.76
Ariz.	750	463	94	296	138	158	73	200.78	40.76	160.01	128.38	31.63
Ark.	629	322	88	187	49	138	46	175.75	48.27	127.47	102.25	25.22
Calif.	10,780	570	94	395	198	197	81	179.78	29.50	150.27	124.71	25.55
Colo.	1,028	520	101	335	156	178	84	194.63	37.75	156.88	125.26	31.62
Conn.	1,220	424	54	316	161	154	55	126.77	16.00	110.77	94.29	16.47
Del.	265	518	77	322	65	257	119	155.59	23.15	132.43	96.66	35.76
D.C.	409	506	136	311	109	202	59	137.52	36.95	100.57	84.41	16.15
Fla.	2,280	384	54	251	98	153	79	162.37	22.95	139.42	106.16	33.26
Ga.	1,521	341	70	206	62	144	65	160.42	32.95	127.47	96.89	30.57
Hawaii	411	572	116	365	79	286	91	202.45	41.12	161.33	129.21	32.12
Idaho	309	446	88	287	113	174	71	186.36	36.90	149.46	119.98	29.48
Ill.	4,300	401	50	296	150	146	55	123.19	15.25	107.94	90.97	16.96
Ind.	1,966	400	47	285	140	145	68	141.16	16.53	124.62	100.55	24.07
Iowa	1,242	452	64	317	163	154	71	168.24	23.99	144.24	117.83	26.40
Kans.	979	435	65	303	148	155	67	165.04	24.65	140.39	114.89	25.50
Ky.	1,049	330	80	193	52	141	57	161.65	39.05	122.59	94.76	27.83
La.	1,540	427	93	245	53	192	90	209.29	45.38	163.91	120.07	43.84
Maine	361	367	71	253	125	129	43	160.81	31.24	129.57	110.83	18.73
Md.	1,445	400	50	288	121	167	62	136.22	17.00	119.21	98.03	21.17
Mass.	2,394	445	61	335	190	146	49	146.42	19.97	126.45	110.34	16.10
Mich.	3,725	445	56	310	135	175	79	148.79	18.85	129.94	103.68	26.26
Minn.	1,782	498	80	332	165	166	86	187.71	30.22	157.49	124.94	32.54
Miss.	747	321	76	184	50	134	61	201.28	47.79	153.48	115.46	38.02
Mo.	1,687	374	75	245	97	149	54	141.01	28.35	112.65	92.39	20.26
Mont.	348	495	122	290	162	127	83	202.77	50.04	152.72	118.73	33.98
Nebr.	559	384	62	248	178	70	73	145.61	23.63	121.97	94.08	27.89
Nev.	261	575	128	344	137	206	103	181.63	40.40	141.23	108.59	32.63
N.H.	235	345	57	240	152	88	48	137.03	22.78	114.24	95.25	18.99
N.J.	2,640	383	40	288	186	102	55	120.28	12.53	107.75	90.46	17.29
N. Mex.	552	540	160	261	60	201	119	248.25	73.57	174.69	120.10	54.59
N.Y.	9,646	528	46	410	167	243	73	162.53	14.02	148.51	126.11	22.39
N.C.	1,557	311	55	207	54	153	49	154.61	27.31	127.30	102.92	24.37
N. Dak.	310	477	87	259	130	130	131	208.57	37.88	170.68	113.43	57.25
Ohio	3,685	358	52	243	126	117	62	127.19	18.61	108.57	86.38	22.18
Okla.	1,037	422	99	240	78	162	83	185.05	43.50	141.54	105.32	36.21
Oreg.	979	501	112	299	142	157	90	183.03	40.88	142.14	109.28	32.85
Pa.	4,183	361	50	261	88	173	50	131.46	18.20	113.26	94.95	18.31
R.I.	360	401	73	290	128	163	37	143.03	26.06	116.96	103.68	13.27
S.C.	725	280	53	181	40	141	47	153.95	28.87	125.07	99.33	25.73
S. Dak.	300	439	95	276	153	122	68	197.27	42.70	154.56	123.82	30.73
Tenn.	1,228	316	72	193	57	136	51	158.41	36.17	122.23	96.80	25.42
Texas	3,728	347	58	220	100	120	69	150.56	25.29	125.26	95.32	29.93
Utah	471	467	115	282	117	165	70	201.05	49.47	151.58	121.29	30.29
Vt.	191	472	126	297	116	181	48	204.46	54.78	149.68	128.75	20.93
Va.	1,490	330	63	211	75	136	56	139.32	26.73	112.58	89.04	23.54
Wash.	1,565	525	87	335	104	231	103	181.05	29.93	151.11	115.49	35.62
W. Va.	643	358	97	209	55	154	52	174.79	47.33	127.45	101.90	25.54
Wis.	1,883	453	47	343	153	190	63	166.97	17.34	149.62	126.38	23.24
Wyo.	221	673	227	320	170	150	126	262.32	88.51	173.81	124.60	49.20

<sup>1</sup> Based on provisional estimate of population as of July 1, 1966, excluding Armed Forces abroad.<sup>2</sup> Based on personal income estimates reported in Dept. of Commerce, Office of Business Economics, *Survey of Current Business*, August 1966.Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1965-66*.



## Expenditure

427

No. 594. DIRECT GENERAL EXPENDITURE OF STATE AND LOCAL GOVERNMENTS—  
STATES: 1966

STATE	Total amount (mil. dol.)	PER CAPITA <sup>1</sup> (dollars)						PER \$1,000 OF PERSONAL INCOME <sup>3</sup> (dollars)					
		Total	Educa- tion	High- ways	Public wel- fare	Health and hos- pitals	All other <sup>2</sup>	All general ex- pend- iture <sup>4</sup>	Education		High- ways	Public wel- fare	Health and hos- pitals
									Total	Local schools only			
U.S....	82,843	423	170	65	35	30	123	155.67	62.55	47.15	23.99	12.69	11.10
Ala.....	1,201	342	134	67	36	23	82	180.38	71.02	47.27	35.51	19.26	12.16
Alaska....	251	923	276	273	27	28	319	294.90	88.21	54.01	87.15	8.65	9.04
Ariz.....	753	465	210	81	24	17	133	201.63	91.11	62.76	34.97	10.24	7.44
Ark.....	631	323	123	64	36	20	80	176.28	67.01	50.19	34.95	19.67	10.65
Calif.....	11,036	583	219	69	60	35	200	184.06	69.13	53.09	21.72	18.82	11.09
Colo.....	1,016	514	234	74	53	32	121	192.37	87.72	61.20	27.60	19.66	11.80
Conn.....	1,230	428	151	74	34	26	143	127.75	45.06	39.49	22.15	10.20	7.63
Del.....	296	579	228	140	25	28	158	173.62	68.46	49.57	41.94	7.44	8.55
D.C.....	418	518	120	52	43	80	223	140.62	32.61	31.96	14.10	11.80	21.83
Fla.....	2,254	379	146	58	22	35	118	160.53	61.76	48.54	24.37	9.28	14.87
Ga.....	1,486	333	132	52	28	37	84	156.73	62.26	48.92	24.47	13.38	17.34
Hawaii....	405	564	188	56	28	41	251	199.52	66.35	46.22	19.93	9.82	14.49
Idaho....	293	422	162	102	29	26	103	176.49	67.82	50.48	42.69	12.01	10.67
Ill.....	4,091	382	162	48	32	29	111	117.20	49.84	38.55	14.64	9.91	9.05
Ind.....	1,888	384	196	59	16	26	87	135.62	69.06	50.49	20.68	5.57	9.35
Iowa.....	1,191	433	199	96	32	27	79	161.32	73.92	45.15	35.64	12.02	10.00
Kans.....	906	403	172	84	29	26	92	152.75	65.07	45.78	31.67	10.83	9.89
Ky.....	1,087	341	130	70	34	21	86	167.51	63.69	46.14	34.54	16.60	10.41
La.....	1,498	416	149	74	58	25	110	203.61	72.83	55.00	36.22	28.32	12.02
Maine.....	340	346	121	85	33	18	89	151.50	52.97	40.78	37.14	14.25	7.74
Md.....	1,497	414	173	55	21	37	128	141.12	58.87	47.88	18.64	7.17	12.49
Mass.....	2,315	430	133	53	49	39	156	141.57	43.90	36.94	17.36	16.21	12.67
Mich.....	3,745	447	206	53	26	38	124	149.60	69.05	47.99	17.66	8.59	12.71
Minn.....	1,702	476	198	87	41	33	117	179.28	74.48	55.25	32.86	15.53	12.47
Miss.....	759	326	118	72	32	28	76	204.42	73.86	52.32	45.03	19.82	17.40
Mo.....	1,619	359	146	62	37	26	88	135.31	54.98	42.45	23.43	14.03	9.93
Mont.....	345	492	191	146	29	20	106	201.47	78.02	56.87	59.64	11.76	7.99
Nebr.....	569	391	165	85	25	23	93	148.33	62.79	46.01	32.27	9.34	8.91
Nev.....	300	661	213	145	20	50	233	208.95	67.28	55.35	45.81	6.31	15.75
N.H.....	257	377	136	93	28	21	99	149.82	54.10	41.93	36.93	11.07	8.45
N.J.....	2,596	376	147	48	21	25	135	118.25	46.30	41.07	15.03	6.69	7.81
N. Mex....	521	510	237	108	36	27	102	234.51	109.09	74.39	49.74	16.49	12.26
N.Y.....	9,679	530	190	51	46	54	189	163.08	58.40	48.90	15.65	14.21	16.68
N.C.....	1,504	301	137	45	23	23	73	149.32	68.08	50.02	22.48	11.61	11.24
N. Dak....	310	476	191	104	33	16	132	208.41	83.53	59.42	45.60	14.37	6.91
Ohio.....	3,769	366	157	66	27	22	94	130.10	55.70	43.69	23.33	9.52	7.65
Okla.....	1,035	421	168	70	70	24	89	184.79	73.74	51.82	30.87	30.84	10.68
Oreg.....	980	502	223	94	31	24	130	183.25	81.58	57.89	34.24	11.44	8.59
Pa.....	4,177	361	151	54	29	21	106	131.29	55.02	45.35	19.61	10.44	7.63
R.I.....	387	431	153	66	49	25	138	153.77	54.62	43.67	23.40	17.31	8.99
S.C.....	693	278	118	47	16	23	74	147.08	64.82	53.04	25.68	8.79	12.58
S. Dak....	300	440	188	128	29	11	84	195.87	84.58	62.27	57.54	12.98	5.06
Tenn.....	1,301	335	122	75	23	29	86	167.88	60.92	43.97	37.40	11.54	14.58
Texas.....	3,686	343	150	63	24	20	86	148.84	65.32	51.11	27.53	10.60	8.67
Utah.....	500	496	256	96	30	19	95	213.57	110.08	75.20	41.23	12.85	8.11
Vt.....	188	465	166	135	37	22	105	201.57	72.18	45.44	58.61	15.97	9.65
Va.....	1,565	347	147	80	14	21	85	146.37	61.76	50.34	33.68	5.82	8.80
Wash.....	1,457	489	207	82	38	22	140	168.65	71.53	49.32	28.14	13.04	7.46
W. Va....	641	358	139	93	36	18	72	174.32	67.69	51.39	45.58	17.63	8.86
Wis.....	1,944	467	209	78	30	30	120	172.39	77.14	53.43	28.66	11.08	10.98
Wyo.....	229	697	275	229	26	43	124	271.80	107.35	67.19	89.19	10.10	16.70

<sup>1</sup> Based on provisional estimate of population as of July 1, excluding Armed Forces abroad.<sup>2</sup> Includes police protection, fire protection, natural resources, sanitation, financial administration, general control, and interest on general debt as well as miscellaneous lesser functions.<sup>3</sup> Based on personal income estimates prepared by Office of Business Economics for calendar year 1965.<sup>4</sup> Includes amounts for items not shown separately.Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1965-66*.



## No. 595. INDEBTEDNESS AND CASH AND SECURITY HOLDINGS OF STATE AND LOCAL GOVERNMENTS—STATES: 1966

[In millions of dollars, except per capita]

STATE	DEBT OUTSTANDING AT END OF FISCAL YEAR					Long-term debt issued	Long-term debt retired	CASH AND SECURITY HOLDINGS AT END OF FISCAL YEAR	
	Total		Long-term		Short-term			Insurance trust systems	Other than insurance trust systems
	Amount	Per capita	Amount	Per capita					
United States.....	107,051	\$547	101,000	\$516	6,051	12,129	5,641	46,184	49,038
Alabama.....	1,563	444	1,491	424	72	304	99	388	619
Alaska.....	261	959	186	683	75	13	13	41	144
Arizona.....	756	467	748	463	8	111	43	390	388
Arkansas.....	562	287	537	275	25	81	41	141	274
California.....	12,510	661	12,328	652	181	1,842	592	6,719	6,804
Colorado.....	974	493	959	485	16	119	86	388	502
Connecticut.....	2,278	792	1,952	679	326	169	90	615	627
Delaware.....	622	1,214	616	1,202	6	100	28	27	328
District of Columbia.....	325	402	239	296	86	36	3	121	38
Florida.....	3,067	516	3,027	510	40	340	124	824	1,516
Georgia.....	1,821	408	1,696	380	124	197	75	654	947
Hawaii.....	534	744	512	712	23	54	21	280	242
Idaho.....	175	252	174	251	1	15	9	67	172
Illinois.....	5,224	487	4,790	447	434	381	285	2,156	2,238
Indiana.....	1,537	313	1,455	296	83	125	70	461	964
Iowa.....	572	208	561	204	11	58	42	389	592
Kansas.....	1,010	449	965	429	45	138	65	165	576
Kentucky.....	1,702	535	1,622	510	80	274	93	364	604
Louisiana.....	2,096	582	2,069	574	27	254	109	792	713
Maine.....	303	308	289	294	14	35	19	146	138
Maryland.....	2,365	654	2,341	648	24	253	128	936	542
Massachusetts.....	3,414	634	3,118	579	295	191	197	950	962
Michigan.....	4,180	499	3,947	471	234	441	204	1,865	2,033
Minnesota.....	1,801	504	1,743	487	59	311	118	497	1,431
Mississippi.....	862	371	824	354	39	125	49	156	289
Missouri.....	1,537	341	1,472	327	64	193	73	637	997
Montana.....	250	357	245	349	5	29	20	114	192
Nebraska.....	777	534	760	522	17	71	53	118	417
Nevada.....	270	595	267	587	4	39	12	120	117
New Hampshire.....	278	408	256	375	22	60	17	111	79
New Jersey.....	3,516	510	3,220	467	297	162	155	1,659	1,333
New Mexico.....	391	383	390	381	2	58	41	144	514
New York.....	17,745	972	15,941	873	1,804	1,798	818	10,423	5,408
North Carolina.....	1,232	246	1,154	231	79	136	69	855	837
North Dakota.....	192	295	189	290	4	35	20	46	260
Ohio.....	4,525	439	3,981	386	543	470	294	3,256	2,161
Oklahoma.....	1,164	474	1,158	471	6	106	60	190	705
Oregon.....	948	485	927	474	20	66	59	500	726
Pennsylvania.....	6,783	586	6,433	555	350	839	427	2,651	2,291
Rhode Island.....	538	599	483	537	56	134	46	211	177
South Carolina.....	567	219	554	214	13	104	73	364	308
South Dakota.....	98	144	97	143	1	14	6	29	207
Tennessee.....	1,978	509	1,850	476	129	188	107	444	810
Texas.....	5,382	501	5,288	492	94	669	243	1,573	3,583
Utah.....	464	460	461	458	3	99	30	126	231
Vermont.....	136	336	129	318	8	21	10	70	64
Virginia.....	1,660	368	1,602	356	58	184	88	531	773
Washington.....	3,621	1,215	3,579	1,201	42	286	124	930	1,732
West Virginia.....	609	339	580	323	29	71	26	331	277
Wisconsin.....	1,737	417	1,657	398	80	311	154	1,176	964
Wyoming.....	139	422	139	422	-	20	12	50	196

— Represents zero.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Governmental Finances in 1965-66*.

## No. 596. SUMMARY OF STATE GOVERNMENT FINANCES: 1950 TO 1966

[In millions of dollars, except per capita. 1950 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 575-647]

ITEM	1950	1960	1962	1964	1965	1966	Per capita 1966 1
<b>Revenue and borrowing</b> .....	<b>15,331</b>	<b>35,149</b>	<b>40,591</b>	<b>47,885</b>	<b>51,784</b>	<b>58,970</b>	<b>\$302</b>
Borrowing .....	1,428	2,312	2,994	2,717	2,957	3,724	19
Revenue .....	13,903	32,838	37,595	45,167	48,827	55,246	283
General revenue .....	11,262	27,363	31,157	37,648	40,930	46,757	240
Taxes .....	7,930	18,036	20,561	24,243	26,126	29,380	151
Sales and gross receipts .....	4,670	10,510	12,038	13,957	15,059	17,044	87
General .....	1,670	4,302	5,111	6,084	6,711	7,873	40
Motor fuels .....	1,544	3,335	3,665	4,059	4,300	4,627	24
Alcoholic beverages .....	420	650	740	864	917	985	5
Tobacco products .....	414	923	1,075	1,196	1,284	1,541	8
Other .....	621	1,300	1,448	1,754	1,847	2,019	10
Licenses .....	1,228	2,495	2,669	3,062	3,218	3,496	18
Motor vehicles .....	702	1,468	1,550	1,783	1,869	2,079	11
Corporations in general .....	176	426	457	518	528	561	3
Other .....	350	602	661	762	819	855	4
Individual income .....	724	2,209	2,728	3,415	3,657	4,288	22
Corporation net income .....	586	1,180	1,308	1,695	1,929	2,038	10
Property .....	307	607	640	722	766	834	4
Other .....	415	1,034	1,178	1,391	1,496	1,681	9
Intergovernmental revenue .....	2,423	6,745	7,480	9,464	10,320	12,246	63
From Federal Government .....	2,275	6,382	7,108	9,046	9,874	11,743	60
Public welfare .....	1,107	2,048	2,449	2,977	3,133	3,573	18
Education .....	345	727	985	1,152	1,393	2,654	14
Highways .....	438	2,883	2,746	3,652	3,987	3,972	20
Other .....	385	725	927	1,265	1,359	1,543	8
From local governments .....	148	363	373	417	447	503	3
Charges and miscellaneous general revenue .....	909	2,583	3,116	3,942	4,483	5,131	26
Liquor stores revenue .....	810	1,128	1,134	1,195	1,270	1,361	7
Insurance trust revenue .....	1,831	4,347	5,304	6,324	6,627	7,128	37
<b>Debt outstanding at end of fiscal year</b> .....	<b>5,285</b>	<b>18,543</b>	<b>22,023</b>	<b>25,041</b>	<b>27,034</b>	<b>29,564</b>	<b>152</b>
Long-term .....	5,168	18,128	21,612	24,401	26,235	28,504	146
Full faith and credit .....	4,209	8,912	10,313	11,147	11,819	12,709	65
Nonguaranteed .....	958	9,216	11,300	13,254	14,415	15,795	81
Short-term .....	118	415	411	641	800	1,060	5
Net long-term .....	4,246	15,595	18,645	20,922	22,504	24,488	126
Full faith and credit only .....	3,379	6,711	7,780	8,434	9,094	9,925	51
<b>Expenditure and debt redemption</b> .....	<b>15,373</b>	<b>32,496</b>	<b>37,392</b>	<b>43,620</b>	<b>46,769</b>	<b>52,305</b>	<b>268</b>
Debt redemption .....	291	900	990	1,036	1,130	1,262	6
Expenditure .....	15,082	31,596	36,402	42,583	45,639	51,043	262
General expenditure 2 .....	12,250	27,228	31,281	37,242	40,446	46,010	236
Public welfare .....	2,368	3,704	4,285	4,904	5,434	6,020	31
Education .....	3,413	8,857	10,744	13,129	14,532	17,749	91
Highways .....	2,668	7,317	7,961	9,374	9,844	10,349	53
Health and hospitals .....	1,042	2,072	2,351	2,699	2,943	3,241	17
State hospitals and institutions for handicapped .....	788	1,618	1,824	2,073	2,254	2,483	13
Other .....	254	454	527	626	689	758	4
Housing and urban renewal .....	7	33	43	66	80	84	(Z)
Natural resources .....	477	862	992	1,208	1,381	1,567	8
Correction .....	148	433	524	605	652	691	4
Police .....	79	251	281	319	352	390	2
Social insurance administration .....	172	313	399	426	457	500	3
Financial administration .....	322	447	512	582	609	660	3
General control .....		216	259	301	350	377	2
Miscellaneous and unallocable .....	1,564	2,722	2,929	3,630	3,810	4,382	22
Liquor stores expenditure .....	654	907	882	977	1,022	1,081	6
Insurance trust expenditure .....	2,177	3,461	4,238	4,364	4,170	3,952	20
Expenditure by character and object:							
Direct expenditure .....	10,864	22,152	25,495	29,616	31,465	34,195	175
Current operation .....	4,450	9,534	11,290	13,492	14,930	16,855	86
Capital outlay .....	2,237	6,607	7,214	8,820	9,807	10,193	52
Construction .....	1,966	5,509	5,960	7,263	7,600	8,287	42
Purchase of land and existing structures .....	131	802	903	1,134	1,176	1,360	7
Equipment .....	141	296	351	424	531	546	3
Assistance and subsidies .....	1,891	2,015	2,118	2,175	2,236	2,301	12
Interest on debt .....	109	536	635	765	822	894	5
Insurance benefits and repayments .....	2,177	3,461	4,238	4,364	4,170	3,952	20
Intergovernmental expenditure .....	4,217	9,443	10,906	12,968	14,174	16,848	86

Z Less than \$0.50.

1 Based on provisional estimate of population as of July 1, 1966, excluding D.C. and Armed Forces abroad.

2 Includes intergovernmental expenditure.

Source: Dept. of Commerce, Bureau of the Census; *Historical Statistics on Governmental Finances and Employment*, and annual report, *State Government Finances*.

## NO. 597. REVENUE, DEBT, AND EXPENDITURES

[In millions of dollars, except as indicated. For years ending June 30,

	STATE	REVENUE								Debt out- standing
		Total <sup>1</sup>	General							
			Total	Rank in general revenue	Intergovernmental revenue		Taxes <sup>2</sup>	Charges and miscel- laneous	Per capita <sup>3</sup>	
					From Federal Govern- ment	From local govern- ments				
1	U.S.-----	55,246	46,757	(X)	11,743	503	29,380	5,131	\$240	29,564
2	Ala.-----	954	848	19	302	7	463	76	241	502
3	Alaska-----	199	185	45	97	—	53	35	678	126
4	Ariz.-----	541	474	32	140	4	274	56	293	46
5	Ark.-----	492	462	34	164	—	265	33	236	106
6	Calif.-----	7,061	5,622	1	1,652	53	3,438	479	297	4,209
7	Colo.-----	646	582	28	178	1	326	77	294	124
8	Conn.-----	761	662	26	132	7	440	83	230	1,234
9	Del.-----	210	202	42	37	3	130	32	394	334
10	Fla.-----	1,320	1,210	8	273	11	819	106	204	795
11	Ga.-----	1,058	976	17	278	9	612	77	219	590
12	Hawaii.-----	354	314	37	78	4	189	43	438	304
13	Idaho-----	232	199	43	58	2	120	19	286	16
14	Ill.-----	2,270	2,024	6	466	11	1,365	182	189	1,150
15	Ind.-----	1,214	1,127	13	217	6	729	175	229	530
16	Iowa-----	798	697	25	170	28	420	79	254	70
17	Kans.-----	589	555	29	135	8	347	66	247	252
18	Ky.-----	795	736	23	229	2	435	72	231	839
19	La.-----	1,281	1,205	9	316	8	659	222	334	648
20	Maine-----	283	227	39	66	4	128	29	231	161
21	Md.-----	941	834	20	147	7	588	92	231	813
22	Mass.-----	1,383	1,194	10	261	49	773	111	222	1,772
23	Mich.-----	2,672	2,179	4	426	29	1,468	256	260	949
24	Minn.-----	1,114	1,033	15	269	15	615	134	289	323
25	Miss.-----	552	515	31	167	6	287	55	222	264
26	Mo.-----	1,065	971	18	317	4	580	71	215	138
27	Mont.-----	248	204	41	81	2	91	30	290	75
28	Nebr.-----	275	263	38	81	13	130	39	180	66
29	Nev.-----	180	148	47	52	—	84	12	326	16
30	N.H.-----	180	120	50	35	4	61	19	176	134
31	N.J.-----	1,339	1,014	16	232	29	589	164	147	1,023
32	N. Mex.-----	450	421	35	139	2	202	78	412	126
33	N.Y.-----	5,730	4,605	2	732	34	3,416	423	252	4,571
34	N.C.-----	1,255	1,147	12	253	8	777	109	229	274
35	N. Dak.-----	212	199	44	52	5	84	57	306	25
36	Ohio-----	2,669	1,825	7	475	11	1,123	216	177	1,032
37	Okla.-----	758	723	24	225	3	389	106	294	416
38	Oreg.-----	757	590	27	193	10	300	87	302	453
39	Pa.-----	3,230	2,407	3	498	39	1,675	195	208	1,964
40	R.I.-----	263	216	40	53	1	144	17	240	250
41	S.C.-----	595	548	30	126	6	359	57	212	239
42	S. Dak.-----	177	172	46	61	4	78	30	252	19
43	Tenn.-----	859	791	21	248	10	481	52	204	231
44	Tex.-----	2,335	2,154	5	575	7	1,267	305	200	610
45	Utah-----	367	318	36	108	1	168	41	316	107
46	Vt.-----	167	139	49	50	1	72	15	342	78
47	Va.-----	1,085	906	19	242	8	529	127	201	277
48	Wash.-----	1,321	1,050	14	238	3	697	113	352	555
49	W. Va.-----	562	469	33	163	1	264	41	262	373
50	Wis.-----	1,281	1,150	11	187	24	823	116	276	331
51	Wyo.-----	166	147	48	70	1	56	21	446	25

— Represents zero. X Not applicable.

<sup>1</sup> Includes liquor stores and insurance trust activities, not shown separately.<sup>2</sup> For details, see table 596.



## OF STATE GOVERNMENTS—STATES: 1966

except as follows: Alabama, Sept. 30; New York, Mar. 31; and Texas, Aug. 31]

EXPENDITURE									
Total <sup>1</sup>	General								
	Total	Rank in expenditures	Education	Highways	Public welfare	Health and hospitals	Natural resources	All other	Per capita <sup>3</sup>
51,043	46,010	(X)	17,749	10,349	6,020	3,241	1,567	7,084	\$236
934	860	20	388	204	126	42	20	80	245
203	196	43	52	69	7	7	8	53	719
511	473	33	207	116	36	12	15	87	292
460	441	34	167	124	70	24	16	40	226
6,821	5,836	1	1,863	1,098	992	288	446	1,149	309
589	560	28	223	120	93	44	19	61	283
720	670	25	182	182	92	64	17	133	233
209	203	41	86	43	13	13	5	43	397
1,207	1,155	9	492	264	115	88	59	137	194
964	933	15	443	185	123	59	39	84	209
325	307	37	133	27	20	23	13	91	428
211	191	44	64	61	17	10	14	25	275
2,031	1,877	6	716	417	309	193	44	198	175
1,108	1,057	13	515	260	52	66	24	140	215
717	656	26	233	204	73	41	18	87	239
541	522	29	217	133	56	40	19	57	232
790	760	23	289	207	104	44	28	88	239
1,181	1,141	11	427	226	208	75	31	174	317
255	216	40	64	65	30	15	13	29	220
887	844	21	283	176	75	98	19	193	234
1,302	1,156	8	203	197	241	136	14	365	215
2,413	2,120	4	1,031	390	213	158	41	287	253
984	940	14	409	230	97	69	32	103	263
524	512	30	204	135	72	26	19	56	220
927	885	19	331	234	163	60	25	72	196
235	202	42	68	79	15	8	10	22	288
273	263	38	76	93	33	21	17	23	181
177	155	48	50	57	8	5	6	29	340
175	135	50	32	47	13	12	7	24	198
1,153	932	16	297	219	111	93	33	179	135
412	398	35	196	100	37	12	12	41	389
5,454	4,863	2	1,984	601	723	475	83	997	266
1,127	1,088	12	559	201	96	73	30	129	218
201	190	45	63	50	20	9	7	41	292
2,295	1,800	7	589	600	236	107	41	227	175
744	719	24	267	161	171	35	21	64	293
690	596	27	222	164	60	32	33	85	305
2,819	2,343	3	914	554	300	208	54	313	202
265	233	39	68	47	43	21	5	49	259
528	509	31	220	114	38	35	14	88	197
181	178	46	58	66	18	7	10	16	262
841	814	22	318	258	85	48	21	84	210
2,056	1,967	5	972	471	252	103	34	135	183
374	341	36	175	87	29	12	11	27	338
157	136	49	42	49	13	9	6	17	337
1,037	911	18	307	334	43	83	26	118	202
1,102	929	17	416	202	121	40	35	115	312
556	487	32	176	161	63	24	15	48	271
1,207	1,152	10	401	197	90	70	34	360	277
170	156	47	52	69	6	6	8	15	475

<sup>3</sup> Based on provisional estimate of population as of July 1, 1966, excluding D.C. and Armed Forces abroad.Source: Dept. of Commerce, Bureau of the Census; annual report, *State Government Finances*.

## No. 598. STATE TAX COLLECTIONS, BY TYPE OF TAX—STATES: 1966

[In millions of dollars. Preliminary. Includes local shares of State-imposed taxes]

STATE	Total <sup>1</sup>	SALES AND GROSS RECEIPTS					Motor vehicle and operators' licenses	Individual income	Corporation net income	Property
		Total <sup>1</sup>	General sales or gross receipts	Motor fuels	Alcoholic beverages	Tobacco products				
Number of States using tax.....	50	50	40	50	50	48	50	36	38	44
<b>United States</b> .....	29,374.2	17,040.8	7,873.2	4,626.2	984.8	1,541.3	2,226.2	4,302.8	<sup>2</sup> 2,036.6	833.2
Alabama.....	463.0	328.7	166.7	93.9	23.3	23.3	8.9	53.3	22.9	23.0
Alaska.....	52.8	14.4	(X)	6.6	3.4	2.6	4.6	19.2	4.1	(3)
Arizona.....	274.2	175.0	96.2	47.9	5.7	12.1	13.5	21.7	13.4	43.0
Arkansas.....	264.8	175.9	84.4	60.0	7.3	14.5	25.7	27.4	20.8	.5
California.....	3,437.7	1,974.1	1,099.4	552.6	69.4	74.3	198.1	454.3	433.8	188.7
Colorado.....	325.8	184.6	98.7	54.3	8.2	11.4	21.5	70.3	24.8	2.6
Connecticut.....	439.9	293.4	136.4	59.9	16.9	31.8	30.0	(X)	68.0	(Z)
Delaware.....	129.6	32.5	(X)	15.6	2.4	5.4	8.3	49.9	13.0	.3
Florida.....	819.1	611.5	283.1	167.0	72.5	18.7	98.2	(X)	(X)	21.6
Georgia.....	611.8	428.6	227.2	114.5	35.0	36.2	28.1	80.3	59.3	1.7
Hawaii.....	189.1	127.5	93.5	12.0	5.4	3.7	.1	47.3	10.0	(X)
Idaho.....	121.3	59.5	28.4	18.7	3.1	4.3	12.5	29.2	8.5	1.1
Illinois.....	1,365.2	1,151.8	669.5	180.3	48.0	98.4	142.6	(X)	(X)	1.8
Indiana.....	729.2	478.0	282.3	124.5	17.4	37.1	49.8	143.7	14.2	19.1
Iowa.....	418.0	231.5	114.0	73.7	8.1	23.6	70.7	86.8	7.8	3.9
Kansas.....	347.0	197.2	113.4	49.8	7.8	17.5	30.0	72.8	22.7	9.1
Kentucky.....	434.5	267.6	126.9	81.6	19.2	10.1	17.2	69.7	36.3	22.6
Louisiana.....	658.6	312.5	139.4	78.3	27.9	32.4	20.9	30.5	31.8	18.3
Maine.....	128.0	102.4	52.3	27.0	3.9	10.5	12.1	(X)	(X)	2.2
Maryland.....	587.9	319.2	127.3	85.5	12.3	24.3	35.7	159.9	32.7	21.3
Massachusetts.....	775.1	269.6	16.5	111.3	35.8	59.0	37.5	253.9	49.8	.4
Michigan.....	1,458.3	1,029.2	657.7	190.0	57.2	76.6	92.8	(X)	(X)	76.2
Minnesota.....	615.0	181.7	(X)	83.9	23.3	31.3	54.7	221.3	75.3	31.7
Mississippi.....	287.4	221.0	121.0	62.6	7.3	18.2	11.6	9.7	15.8	3.9
Missouri.....	579.8	390.8	243.8	94.8	10.2	24.0	59.6	82.1	11.2	5.4
Montana.....	91.2	38.3	(X)	22.9	4.4	6.2	5.6	21.1	7.0	7.3
Nebraska.....	127.3	69.9	(X)	48.1	5.4	11.9	7.9	(X)	(X)	42.4
Nevada.....	83.5	67.3	23.4	15.3	3.4	5.4	8.3	(X)	(X)	2.7
New Hampshire.....	61.5	38.1	(X)	17.2	1.7	8.2	10.5	2.3	(X)	2.5
New Jersey.....	589.1	331.1	(X)	145.1	31.7	77.4	95.9	9.7	42.9	2.2
New Mexico.....	201.9	117.0	67.0	29.8	3.2	7.6	18.2	19.1	(2)	12.1
New York.....	3,429.8	1,169.1	298.4	268.7	66.2	216.3	225.2	1,285.9	392.4	8.0
North Carolina.....	776.9	406.7	188.2	131.7	28.7	(X)	43.3	165.1	90.5	18.2
North Dakota.....	84.0	50.5	23.6	15.1	3.8	5.1	11.7	9.2	3.1	2.6
Ohio.....	1,122.7	849.2	354.2	261.5	40.9	67.4	125.5	(X)	(X)	51.3
Oklahoma.....	388.7	220.2	74.1	74.5	13.9	24.5	51.5	30.3	22.3	(X)
Oregon.....	300.0	59.8	(X)	48.7	1.8	(X)	37.2	147.4	31.1	1.7
Pennsylvania.....	1,674.7	1,128.3	599.3	270.0	65.9	110.0	105.3	(X)	229.1	1.9
Rhode Island.....	137.7	100.9	45.7	20.1	3.6	9.7	11.6	(X)	14.7	(X)
South Carolina.....	357.9	237.8	106.1	66.1	28.1	13.3	12.7	52.9	36.5	1.2
South Dakota.....	77.6	62.6	26.9	18.0	3.6	5.4	9.7	(X)	.6	(X)
Tennessee.....	480.9	342.0	177.7	102.6	13.7	29.3	43.5	8.2	38.0	(X)
Texas.....	1,267.1	786.2	240.8	242.2	45.1	130.8	124.8	(X)	(X)	47.9
Utah.....	168.2	90.9	53.8	25.6	1.9	5.2	8.3	38.0	8.0	13.2
Vermont.....	72.0	31.8	(X)	10.6	6.2	5.2	9.8	21.6	4.1	.3
Virginia.....	529.0	203.3	(X)	116.6	28.1	15.8	52.8	165.2	47.9	14.1
Washington.....	696.5	568.2	384.4	89.3	27.6	29.4	36.7	(X)	(X)	52.3
West Virginia.....	264.2	206.8	120.6	40.9	3.7	11.5	21.3	23.7	(X)	.3
Wisconsin.....	822.9	274.7	92.1	90.1	20.6	42.7	55.1	319.7	92.3	43.6
Wyoming.....	55.8	32.0	18.6	9.3	.8	1.7	9.5	(X)	(X)	9.3

X Not applicable. Z Less than \$50,000.

<sup>1</sup> Includes amounts for types of taxes not shown separately.<sup>2</sup> Combined corporation and individual income taxes as reported by New Mexico tabulated with individual income taxes.<sup>3</sup> Less than \$50,000 in back taxes only; not counted with "Number of States using tax."Source: Dept. of Commerce, Bureau of the Census; annual report, *State Tax Collections in 1966*.

## No. 599. STATE INDIVIDUAL INCOME TAXES: 1966

[As of January 1]

STATE	RATE RANGE		TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS			Federal income tax deductible	Withholding required
	Percent	Steps in range	Lowest: Amount under—	Highest: Amount over—	Single	Married	Dependents		
Alabama.....	1.5-5.0.....	4	\$1,000	\$5,000	\$1,500	\$3,000	\$300	Yes	Yes
Alaska.....	( <sup>1</sup> ).....	—	—	—	—	—	—	No	Yes
Arizona.....	1.3-5.9.....	8	1,000	7,000	1,000	2,000	600	Yes	Yes
Arkansas.....	1.0-5.0.....	5	3,000	25,000	<sup>2</sup> 17.50	<sup>2</sup> 35	<sup>2</sup> 6	No	Yes
California.....	1.0-7.0.....	7	2,500	15,000	1,500	3,000	600	No	( <sup>3</sup> )
Colorado.....	3.0-8.0 <sup>4</sup> .....	11	1,000	10,000	750	1,500	750	Yes	Yes
Delaware.....	1.5-11.0.....	11	1,000	100,000	600	1,200	600	( <sup>5</sup> )	Yes
Georgia.....	1.0-6.0.....	6	1,000	10,000	1,500	3,000	600	No	Yes
Hawaii.....	2.25-11.0.....	11	500	30,000	600	1,200	600	No	Yes
Idaho.....	2.5-9.0 <sup>6</sup> .....	6	1,000	5,000	<sup>6</sup> 600	<sup>6</sup> 1,200	<sup>6</sup> 600	Yes	Yes
Indiana.....	2.0.....	—	Flat rate		1,000	<sup>5</sup> 2,000	500	No	Yes
Iowa.....	0.75-4.5.....	6	1,000	9,000	<sup>2</sup> 15	<sup>2</sup> 30	<sup>2</sup> 7.50	Yes	Yes
Kansas.....	2.5-6.5.....	5	2,000	7,000	600	1,200	600	Yes	Yes
Kentucky.....	2.0-6.0.....	5	3,000	8,000	<sup>2</sup> 20	<sup>2</sup> 40	<sup>2</sup> 20	Yes	Yes
Louisiana.....	2.0-6.0.....	3	10,000	50,000	2,500	5,000	400	Yes	Yes
Maryland.....	3.0 <sup>7</sup> .....	—	Flat rate		800	1,600	800	No	Yes
Massachusetts.....	3.075 <sup>8</sup> .....	—	Flat rate		2,000	<sup>9</sup> 2,500	400	( <sup>5</sup> )	Yes
Minnesota.....	1.5-12.0.....	11	500	20,000	<sup>2</sup> 19	<sup>2</sup> 38	<sup>2</sup> 19	Yes	Yes
Mississippi.....	2.0-3.0.....	2	5,000	5,000	5,000	7,000	—	No	No
Missouri.....	1.0-4.0 <sup>10</sup> .....	7	1,000	9,000	1,200	2,400	400	Yes	Yes
Montana.....	1.1-7.9.....	6	1,000	7,000	600	1,200	600	Yes	Yes
New Hampshire.....	( <sup>11</sup> ).....	—	( <sup>11</sup> )	( <sup>11</sup> )	600	600	—	No	No
New Jersey <sup>12</sup> .....	2.0-10.0.....	9	1,000	15,000	<sup>13</sup> 600	<sup>13</sup> 1,200	600	No	( <sup>3</sup> )
New Mexico.....	1.5-6.0.....	4	10,000	100,000	600	1,200	600	Yes	Yes
New York.....	2.0-10.0.....	9	1,000	15,000	<sup>13</sup> 600	<sup>13</sup> 1,200	600	No	Yes
North Carolina.....	3.0-7.0.....	5	2,000	10,000	1,000	2,000	300	No	Yes
North Dakota.....	1.0-11.0.....	7	3,000	15,000	600	1,500	600	Yes	No
Oklahoma.....	1.0-6.0.....	6	1,500	7,500	1,000	2,000	500	Yes	Yes
Oregon.....	3.0-9.5.....	7	500	8,000	600	1,200	600	Yes	Yes
South Carolina.....	2.0-7.0.....	6	2,000	10,000	800	1,600	800	( <sup>3</sup> )	Yes
Tennessee.....	( <sup>14</sup> ).....	—	( <sup>14</sup> )	( <sup>14</sup> )	—	—	—	No	No
Utah.....	2.0-6.5.....	6	1,000	5,000	600	1,200	600	Yes	Yes
Vermont.....	2.0-7.5.....	4	1,000	5,000	500	1,000	500	No	Yes
Virginia.....	2.0-5.0.....	3	3,000	5,000	1,000	2,000	200	No	Yes
West Virginia.....	1.2-5.5.....	24	<sup>15</sup> 2,000	<sup>15</sup> 200,000	600	1,200	600	No	Yes
Wisconsin.....	2.7-10.0.....	15	1,000	14,000	<sup>2</sup> 10	<sup>2</sup> 20	<sup>2</sup> 10	No	Yes

— Represents zero.

<sup>1</sup> 16 percent based on Federal income tax (at 1963 rates) retroactive to Jan. 1, 1964.<sup>2</sup> Tax credit.<sup>3</sup> Nonresidents; not general.<sup>4</sup> Plus surtax of 2 percent on intangibles income over \$5,000. Tax credit of one-half of 1 percent is applicable to the first \$9,000 of net taxable income.<sup>5</sup> Subject to specified limitations.<sup>6</sup> Plus \$10 filing fee for each return; tax credit of \$10 for each personal exemption allowed.<sup>7</sup> Investment income over \$500 taxed at 5 percent.<sup>8</sup> Interest and dividends taxed at 7.38 percent.<sup>9</sup> Minimum allowance; on earned income, actual amount up to \$4,000.<sup>10</sup> Less fixed deductions ranging from \$5 up to \$135.<sup>11</sup> Income from interest and dividends taxed at 4.25 percent.<sup>12</sup> Tax imposed on N.Y. resident individuals deriving income from N.J. sources and N.J. residents deriving income from N.Y. sources.<sup>13</sup> Plus tax credit of \$10 for single person and \$25 for married persons or heads of households.<sup>14</sup> Dividends and interest taxed at 6 percent; dividends from corporations with 75 percent of property taxable in State taxed at 4 percent.<sup>15</sup> Income brackets reported are for individuals, and differ from those for married taxpayers filing joint returns and for heads of households.Source: Dept. of Commerce, Bureau of the Census; annual report, *State Tax Collections in 1966*. (Adapted from a tabulation prepared by the Federation of Tax Administrators for *The Book of the States*.)



# No. 600. LOCAL GOVERNMENTS INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS—SELECTED DATA: 1962

[Money figures in millions of dollars, except as indicated. Covers 212 standard metropolitan statistical areas as defined in 1962; see text, p. 2]

ITEM	Inside SMSA's	Outside SMSA's	ITEM	Inside SMSA's	Outside SMSA's
Land area.....1,000 sq. mi.	310	3,239	Local government employees <sup>2</sup> —Con.		
Local governments.....	18,442	72,744	October payroll.....	1,407	578
With property-taxing power.....	16,183	66,137	Education.....	740	384
Counties.....	310	2,733	Other functions.....	667	194
Municipalities.....	4,144	13,856	Average per full-time employ- ee.....dol.	482	377
Townships.....	2,573	14,569	Education.....dol.	529	420
School districts.....	6,004	28,674	Teachers.....dol.	589	461
Special districts.....	5,411	12,912	Others.....dol.	358	279
Single function.....	5,232	12,780	Other functions.....dol.	440	312
Multiple function.....	179	132	General revenue.....	26,716	11,631
Population, 1960 <sup>1</sup> .....1,000	112,885	66,438	Intergovernmental.....	7,194	4,448
In municipalities.....1,000	84,938	31,354	From own sources.....	19,522	7,182
Outside municipalities.....1,000	27,948	35,084	Property.....	13,345	5,069
Public school systems.....	6,604	30,415	Other taxes.....	2,200	381
Public schools.....	38,097	62,242	Charges and miscellaneous.....	3,980	1,732
Enrollment, 1961 <sup>2</sup> .....1,000	22,440	15,366	Direct general expenditure.....	27,886	11,945
College-grade.....1,000	481	97	Capital outlay.....	6,070	2,027
Local government employees <sup>2</sup>			Other.....	21,816	9,918
1,000.....	3,254	1,915	Education.....	11,615	6,331
Full-time.....1,000	2,818	1,446	Highways.....	2,204	1,518
Part-time.....1,000	436	468	Public welfare.....	1,926	650
Full-time equivalent.....1,000	2,931	1,549	Hospitals.....	1,254	542
Education.....1,000	1,412	928	Police protection.....	1,503	351
Teachers.....1,000	1,011	681	Other.....	9,384	2,554
Others.....1,000	400	248	Debt outstanding.....	45,160	14,095
Other functions.....1,000	1,520	620	Long-term.....	42,332	13,599
Per 10,000 population <sup>3</sup> .....1,000	248	229			

<sup>1</sup> As of April.   <sup>2</sup> As of October.

<sup>3</sup> Based on estimated resident population as of July 1, 1962 (185,822,000).

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. V, *Local Government in Metropolitan Areas*.

# No. 601. LOCAL GOVERNMENT FINANCES—SELECTED DATA: 1962

[Money figures in millions of dollars, except as indicated. Population as of April 1960]

ITEM	Per capita, total	POPULATION SIZE-GROUP OF COUNTY AREAS						
		Total	Less than 10,000	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 or more
Areas.....	(X)	3, 124	848	1, 096	588	293	176	123
Population.....1,000..	(X)	179, 323	5, 087	18, 029	20, 890	20, 319	27, 566	87, 432
AMOUNT								
General revenue <sup>1</sup> .....	\$214	38, 343	968	2, 950	3, 417	3, 588	5, 373	22, 048
Intergovernmental.....	65	11, 642	365	1, 195	1, 348	1, 337	1, 703	5, 694
From local sources.....	149	26, 702	603	1, 755	2, 069	2, 250	3, 670	16, 354
Property taxes.....	103	18, 414	448	1, 239	1, 411	1, 542	2, 594	11, 180
Other taxes.....	14	2, 579	30	81	106	141	263	1, 959
Charges and miscellaneous.....	32	5, 709	125	435	552	567	813	3, 216
Direct general expenditure <sup>2</sup> .....	222	39, 828	954	2, 982	3, 516	3, 725	5, 684	22, 965
By character:								
Capital outlay.....	45	8, 096	136	473	596	675	1, 179	5, 036
Other.....	177	31, 732	818	2, 509	2, 920	3, 050	4, 505	17, 930
By function:								
Education.....	100	17, 945	507	1, 616	1, 872	1, 989	2, 844	9, 118
Highways.....	21	3, 722	161	456	447	391	517	1, 749
Public welfare.....	14	2, 575	52	155	169	196	312	1, 691
Health and hospitals.....	12	2, 179	48	160	210	186	236	1, 339
Police protection.....	10	1, 854	24	75	105	124	215	1, 312
Fire protection.....	6	1, 124	7	31	58	84	159	785
Sewerage.....	7	1, 272	11	49	85	104	218	805
Housing and urban renewal.....	6	1, 145	2	16	27	42	123	935
Financial administration.....	3	554	19	47	49	52	79	309
General control.....	6	1, 021	33	84	94	96	145	568
Interest on general debt.....	8	1, 376	19	71	93	112	193	888
General debt outstanding.....	262	46, 974	703	2, 414	3, 183	3, 740	6, 583	30, 353

X Not applicable.   <sup>1</sup> Excludes interlocal transactions.   <sup>2</sup> Includes amounts for items not shown separately.

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. IV, No. 4, *Compendium of Government Finances*.

## No. 602. SUMMARY OF CITY GOVERNMENT FINANCES: 1955 TO 1966

[In millions of dollars. 1955 excludes Alaska and Hawaii. Represents all municipalities (see tables 578 and 579) and their dependent agencies; excludes other local governments overlying city areas. Includes sample-based estimates for cities of less than 25,000 through 1960, and less than 50,000 beginning 1962; thus subject to sampling variation]

ITEM	1955	1960	1962	1963	1964	1965	1966
<b>Revenue</b> .....	<b>10,227</b>	<b>14,915</b>	<b>16,794</b>	<b>17,494</b>	<b>18,889</b>	<b>20,318</b>	<b>21,865</b>
<b>General revenue</b> .....	<b>7,824</b>	<b>11,647</b>	<b>13,127</b>	<b>13,655</b>	<b>14,724</b>	<b>15,884</b>	<b>17,262</b>
Taxes.....	5,100	7,109	7,934	8,141	8,682	9,289	9,798
Property.....	3,767	5,197	5,807	5,884	6,188	6,537	6,879
Sales and gross receipts.....	728	1,217	1,303	1,417	1,611	1,795	1,770
General.....	433	797	866	965	1,055	1,184	1,158
Selective.....	295	420	437	452	556	611	611
Licenses and other <sup>1</sup> .....	606	695	824	840	883	957	1,149
Intergovernmental revenue.....	1,438	2,321	2,674	2,829	3,178	3,534	4,140
From State governments only.....	1,236	1,868	2,134	2,242	2,475	2,745	3,255
Charges and miscellaneous.....	1,285	2,217	2,519	2,685	2,864	3,061	3,324
Current charges only <sup>1</sup> .....	756	1,342	1,511	1,675	1,790	1,951	2,127
<b>Utility and liquor store revenue</b> .....	<b>2,137</b>	<b>2,861</b>	<b>3,213</b>	<b>3,356</b>	<b>3,647</b>	<b>3,852</b>	<b>3,997</b>
Water system.....	952	1,253	1,453	1,462	1,572	1,651	1,715
Electric power system.....	677	1,006	1,114	1,214	1,358	1,441	1,518
Gas supply system.....	68	162	170	179	187	215	217
Transit system.....	384	370	399	420	444	453	449
Liquor stores.....	57	71	77	81	86	92	98
<b>Insurance-trust revenue</b> .....	<b>267</b>	<b>407</b>	<b>454</b>	<b>483</b>	<b>518</b>	<b>582</b>	<b>606</b>
<b>Expenditure</b> .....	<b>10,541</b>	<b>15,251</b>	<b>17,329</b>	<b>17,841</b>	<b>19,368</b>	<b>20,680</b>	<b>22,372</b>
<b>By function:</b>							
<b>General expenditure</b> <sup>2</sup> .....	<b>7,976</b>	<b>11,818</b>	<b>13,475</b>	<b>13,734</b>	<b>14,938</b>	<b>16,012</b>	<b>17,404</b>
Police protection.....	884	1,275	1,475	1,528	1,620	1,739	1,887
Fire protection.....	610	885	988	1,010	1,067	1,146	1,211
Highways.....	1,115	1,573	1,701	1,670	1,739	1,807	1,885
Sanitation.....	960	1,332	1,501	1,541	1,729	1,774	1,876
Public welfare.....	479	608	710	709	823	927	1,049
Education.....	1,155	1,801	1,952	2,033	2,262	2,489	2,747
Libraries.....	128	185	211	215	242	267	282
Health and hospitals.....	579	799	890	962	1,058	1,115	1,214
Own hospitals.....	410	569	618	685	751	796	854
Other.....	169	229	272	277	307	319	360
Parks and recreation.....	408	551	640	650	739	775	832
Housing and urban renewal.....	209	464	642	617	625	686	763
Water transport and terminals.....	40	63	77	77	69	73	70
Airports.....	63	189	193	173	173	182	176
Financial administration.....	438	598	248	254	271	291	304
General control.....	401	412	441	441	468	506	506
General public buildings.....	122	182	206	219	242	329	303
Interest on general debt.....	246	431	512	523	557	603	638
Other and unallocable general expenditure.....	541	883	1,127	1,141	1,281	1,341	1,661
<b>Utility and liquor store expenditure</b> .....	<b>2,274</b>	<b>2,975</b>	<b>3,330</b>	<b>3,558</b>	<b>3,843</b>	<b>4,044</b>	<b>4,312</b>
Water system.....	1,087	1,424	1,567	1,647	1,754	1,820	1,950
Electric system.....	601	859	1,016	1,086	1,227	1,291	1,434
Gas supply system.....	88	143	149	156	172	193	184
Transit system.....	452	489	533	600	616	662	661
Liquor stores.....	46	60	65	69	73	78	83
<b>Insurance-trust expenditure</b> .....	<b>291</b>	<b>458</b>	<b>524</b>	<b>549</b>	<b>587</b>	<b>624</b>	<b>656</b>
<b>By character and object:</b>							
Current operation.....	6,757	9,874	11,273	11,604	12,722	13,564	14,901
Capital outlay.....	2,586	3,691	4,127	4,270	4,519	4,750	4,948
Construction.....	2,142	2,884	3,228	3,370	3,612	3,803	3,935
Land and existing structures.....	214	436	554	510	512	535	629
Equipment.....	229	372	345	390	395	389	384
Intergovernmental expenditure.....	106	158	193	186	186	255	268
Assistance payments.....	392	386	408	408	462	530	587
Interest on debt.....	410	684	804	824	892	947	1,013
Insurance benefits and repayments.....	291	458	524	549	587	624	656
<b>Total personal services</b> <sup>3</sup> .....	<b>4,749</b>	<b>6,772</b>	<b>7,676</b>	<b>8,020</b>	<b>8,522</b>	<b>9,076</b>	<b>9,763</b>
<b>Debt outstanding at end of fiscal year</b> .....	<b>15,973</b>	<b>23,178</b>	<b>26,857</b>	<b>27,800</b>	<b>30,023</b>	<b>31,862</b>	<b>33,714</b>
Long-term.....	15,302	21,904	25,099	25,837	27,773	29,280	30,892
Full faith and credit.....	10,864	14,473	16,739	16,877	17,575	18,477	19,035
Nonguaranteed.....	4,438	7,430	8,360	8,960	10,198	10,803	11,857
Short-term.....	671	1,274	1,758	1,963	2,250	2,582	2,822
Net long-term debt outstanding.....	13,632	20,103	23,309	23,900	25,496	26,774	27,826
Long-term debt issued.....	2,113	2,420	2,868	2,974	3,673	3,347	3,672
Long-term debt retired.....	868	1,318	1,536	1,540	1,861	1,776	1,933

<sup>1</sup> For 1955, receipts from on-street parking meter fees included in "Licenses and other;" thereafter, in "Current charges."

<sup>2</sup> Includes intergovernmental expenditure. <sup>3</sup> Included in items shown above.

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. IV, No. 3, *Finances of Municipalities and Townships*, and annual report, *City Government Finances*.



## No. 603. CITY GOVERNMENT FINANCES—25 LARGEST CITIES: 1966

[In millions of dollars. For fiscal year closed in the 12 months ending June 30, 1966. Cities ranked by size of population as of April 1960]

CITY	Total revenue <sup>1</sup>	GENERAL REVENUE						Charges and miscellaneous	Debt outstanding
		Total <sup>2</sup>	Intergovernmental revenue		Taxes				
			From State and local governments	From Federal Government	Property	Sales and gross receipts	Other		
Total, 25 cities.....	9,794.3	8,112.7	1,961.4	324.0	2,963.0	1,097.0	595.4	1,151.2	15,632.6
New York.....	4,638.3	3,995.4	1,207.3	47.6	1,400.8	743.2	158.9	428.8	7,696.9
Chicago.....	548.1	455.2	61.5	29.8	190.1	68.3	42.7	62.2	965.5
Los Angeles.....	584.5	348.0	42.4	.7	119.6	64.3	30.1	80.2	934.3
Philadelphia.....	356.0	326.1	29.4	15.8	99.5	1.4	117.0	63.0	907.2
Detroit.....	366.8	291.9	65.3	20.8	109.7	—	48.6	47.6	525.8
Baltimore.....	339.7	308.1	132.9	5.3	128.9	8.1	7.4	25.5	424.9
Houston.....	112.7	93.3	3.1	5.5	56.2	5.7	2.0	20.8	330.1
Cleveland.....	155.9	101.3	15.1	6.5	51.8	.4	2.1	25.4	290.5
Washington, D.C.....	414.1	399.5	.4	106.0	88.2	89.7	73.2	42.0	236.2
St. Louis.....	119.2	106.9	6.8	.4	32.2	10.9	37.6	19.0	137.9
San Francisco.....	335.3	263.5	71.8	3.4	121.8	22.0	2.4	42.0	224.7
Milwaukee.....	142.1	119.7	43.5	2.4	51.1	—	1.9	20.7	224.7
Boston.....	338.4	312.9	81.2	32.8	170.3	—	2.7	25.8	200.6
Dallas.....	103.5	69.6	1.3	—	45.1	5.8	1.1	16.4	225.2
New Orleans.....	82.3	73.7	12.3	.4	19.7	16.2	4.3	20.8	163.9
Pittsburgh.....	90.3	80.1	7.8	15.4	30.8	2.1	17.2	6.7	133.0
San Antonio.....	98.0	31.1	1.2	.2	18.8	.4	.8	9.6	146.2
San Diego.....	83.2	65.7	10.1	.2	18.6	12.1	1.5	23.1	106.4
Seattle.....	138.8	72.7	11.8	.1	18.6	7.3	6.1	28.7	251.2
Buffalo.....	127.5	123.2	50.7	2.6	52.8	3.5	1.2	12.4	173.3
Cincinnati.....	141.9	126.3	13.4	15.7	23.4	.4	20.3	53.1	276.3
Honolulu.....	98.2	90.0	6.2	4.7	50.3	6.1	6.6	16.0	205.3
Memphis.....	202.2	109.5	53.7	2.7	17.9	4.5	3.8	26.9	483.5
Denver.....	110.0	95.9	26.4	2.7	29.7	17.8	1.8	17.5	191.9
Atlanta.....	67.3	53.1	5.8	2.3	17.1	6.8	4.1	17.0	177.1

CITY	Total expenditure <sup>1</sup>	GENERAL EXPENDITURE							
		Total <sup>2</sup>	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and urban renewal
Total, 25 cities.....	9,726.1	7,734.8	1,450.1	508.1	840.8	757.6	823.3	433.9	438.2
New York.....	4,546.7	3,694.0	1,023.5	131.0	558.4	457.2	292.1	135.8	204.9
Chicago.....	504.6	418.5	—	58.6	10.2	19.5	93.1	36.0	19.1
Los Angeles.....	593.9	313.4	—	42.4	.2	3.3	70.6	39.0	6.7
Philadelphia.....	379.3	331.9	2.7	20.1	11.3	28.1	47.7	20.0	33.0
Detroit.....	350.4	260.7	4.4	18.1	19.8	24.5	41.0	17.1	20.4
Baltimore.....	333.2	305.9	100.7	18.0	50.8	21.1	25.9	16.2	9.7
Houston.....	125.5	109.5	—	13.0	—	10.5	12.5	10.1	—
Cleveland.....	165.5	105.3	—	13.5	1.9	2.3	17.6	10.3	14.6
Washington, D.C.....	433.0	402.1	97.0	41.9	35.1	64.9	30.8	14.5	9.6
St. Louis.....	118.3	108.0	.2	7.1	1.1	24.0	22.5	9.2	—
San Francisco.....	305.6	220.4	2.0	9.8	61.1	28.9	20.3	17.6	1.8
Milwaukee.....	132.0	114.7	10.2	20.2	—	4.2	17.4	10.0	6.1
Boston.....	329.7	307.9	50.4	9.5	61.7	27.3	22.1	16.0	43.3
Dallas.....	112.4	82.7	—	19.9	—	1.4	11.5	9.3	—
New Orleans.....	92.1	81.0	1.3	8.0	.3	1.3	9.9	6.5	—
Pittsburgh.....	93.7	81.9	—	6.2	—	—	11.9	7.9	26.8
San Antonio.....	105.2	40.4	—	4.6	.3	1.4	5.5	3.4	8.0
San Diego.....	76.0	62.1	—	8.2	—	.1	9.1	5.7	—
Seattle.....	143.2	69.7	—	12.3	—	3.1	10.0	7.5	.5
Buffalo.....	124.2	118.9	50.9	6.0	—	.1	12.0	10.0	7.6
Cincinnati.....	144.6	130.0	36.4	6.7	3.0	14.8	8.3	6.8	21.3
Honolulu.....	106.6	91.0	7.4	10.0	—	.1	9.1	6.3	2.6
Memphis.....	213.0	119.8	51.6	8.9	.4	12.1	7.1	7.7	.6
Denver.....	112.6	93.8	—	7.1	25.2	7.4	8.2	6.0	1.3
Atlanta.....	84.8	71.2	11.4	7.0	—	—	7.1	5.0	.3

— Represents zero.

<sup>1</sup> Includes utility and employee-retirement activities, not shown separately.

<sup>2</sup> Includes amounts for categories not shown separately.

Source: Dept. of Commerce, Bureau of the Census; *City Government Finances in 1965-66*.



# No. 604. ASSESSED VALUE OF PROPERTY SUBJECT TO LOCAL GENERAL PROPERTY TAXATION—STATES: 1961

[In millions of dollars, except percent. Excludes value of wholly exempt property]

STATE	GROSS (before exemptions)			TAXABLE (after exemptions)			LOCALLY ASSESSED REAL PROPERTY	
	Total	State assessed	Locally assessed	Amount	Percent locally assessed		Gross assessed value	Esti- mated market value
					Real	Personal		
United States.....	365,946	27,849	338,099	353,968	76.2	15.9	280,485	<sup>1</sup> 969,000
Alabama.....	3,084	528	2,557	3,022	58.0	24.6	1,752	9,400
Alaska.....	616	—	616	616	81.7	18.3	503	(NA)
Arizona.....	1,853	464	1,389	1,743	56.5	16.9	1,042	8,700
Arkansas.....	1,416	265	1,151	1,416	59.5	21.8	843	6,800
California.....	32,539	4,065	28,473	31,567	72.6	14.5	23,729	135,300
Colorado.....	3,699	400	3,298	3,699	72.0	17.1	2,664	11,500
Connecticut.....	10,055	—	10,055	9,792	77.3	22.7	7,768	14,900
Delaware.....	1,235	—	1,235	1,235	100.0	—	1,235	2,300
District of Columbia.....	2,736	—	2,736	2,736	85.0	15.0	2,325	4,600
Florida.....	15,197	164	15,033	10,984	81.6	16.9	13,178	32,000
Georgia.....	4,221	430	3,791	3,231	52.2	34.5	2,543	12,700
Hawaii.....	2,151	—	2,151	1,970	100.0	—	2,151	4,500
Idaho.....	710	188	522	700	58.3	15.7	412	3,600
Illinois.....	34,858	1,602	33,256	34,858	77.6	17.8	27,050	60,500
Indiana.....	8,553	1,116	7,437	7,958	53.7	32.3	4,830	23,300
Iowa.....	5,387	581	4,806	5,266	74.5	14.5	4,024	16,800
Kansas.....	4,557	818	3,739	4,444	56.0	25.5	2,490	13,500
Kentucky.....	4,197	947	3,250	4,197	64.6	12.8	2,711	10,700
Louisiana.....	3,865	777	3,088	3,100	46.4	28.5	2,204	12,400
Maine.....	1,907	94	1,813	1,878	77.4	17.6	1,477	3,400
Maryland.....	9,212	1,962	7,250	9,212	76.6	2.1	7,053	15,700
Massachusetts.....	10,367	—	10,367	10,367	91.1	8.9	9,448	25,700
Michigan.....	16,807	—	16,807	16,807	72.9	27.1	12,258	37,600
Minnesota.....	2,261	27	2,234	2,261	79.9	18.9	1,806	18,800
Mississippi.....	1,577	358	1,219	1,206	38.2	32.2	831	6,500
Missouri.....	7,985	853	7,132	7,985	68.4	20.9	5,464	21,900
Montana.....	691	161	530	691	46.3	30.4	320	4,800
Nebraska.....	3,278	97	3,181	3,278	70.7	26.3	2,319	9,500
Nevada.....	875	169	706	824	60.8	18.6	540	2,500
New Hampshire.....	1,348	—	1,348	1,307	91.8	8.2	1,241	3,000
New Jersey.....	10,595	164	10,431	10,259	86.9	11.5	9,102	31,800
New Mexico.....	1,281	526	754	1,143	43.9	10.0	614	4,200
New York.....	44,711	1,741	42,970	42,937	95.9	—	42,970	91,500
North Carolina.....	9,147	322	8,825	8,943	66.7	29.7	5,966	18,500
North Dakota.....	679	96	583	679	64.9	20.9	441	3,100
Ohio.....	29,355	3,846	25,509	29,355	63.3	23.6	18,575	63,000
Oklahoma.....	2,994	609	2,385	2,500	55.7	20.0	1,810	9,800
Oregon.....	3,091	341	2,750	3,060	75.1	13.7	2,325	10,500
Pennsylvania.....	15,305	—	15,305	15,305	100.0	—	15,305	47,600
Rhode Island.....	2,730	—	2,730	2,643	79.1	20.9	2,151	3,200
South Carolina.....	824	382	443	824	40.5	13.2	334	6,200
South Dakota.....	2,130	118	2,013	2,130	69.5	25.0	1,481	3,600
Tennessee.....	3,883	542	3,341	3,883	77.4	8.6	3,007	11,400
Texas.....	13,317	145	13,172	13,317	74.4	24.5	9,906	61,400
Utah.....	1,344	486	858	1,344	46.3	17.5	622	4,300
Vermont.....	480	—	480	480	85.4	14.6	409	1,600
Virginia.....	6,962	742	6,220	6,962	70.1	19.3	4,878	16,900
Washington.....	3,603	324	3,279	3,586	72.7	18.3	2,606	18,200
West Virginia.....	4,011	870	3,141	4,011	48.1	30.2	1,929	6,200
Wisconsin.....	11,257	—	11,257	11,257	84.7	15.3	9,535	20,400
Wyoming.....	1,010	529	481	999	30.2	16.9	309	1,600

— Represents zero. NA Not available.

<sup>1</sup> Includes estimate for Alaska.

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. II, *Taxable Property Values*.

# No. 605. PROPERTY TAX REVENUE AND AVERAGE TAX RATES APPLICABLE TO LOCALLY ASSESSED REAL PROPERTY—STATES: 1962

[Money figures in millions of dollars]

STATE	ALL PROPERTY TAXES						TAXES FROM LOCALLY ASSESSED REAL PROPERTY <sup>2</sup>		
	Total	State governments	Local governments				Amount	Average rates	
			Total <sup>1</sup>	Coun- ties	Munici- palities	School districts		Nominal <sup>3</sup>	Effective <sup>4</sup>
United States.....	19,054	640	18,414	3,879	5,807	7,216	14,042	5.2	1.4
Alabama.....	89	15	74	26	18	30	43	2.5	0.5
Alaska.....	12	(Z)	12	—	6	6	10	1.9	(NA)
Arizona.....	157	28	128	30	19	78	73	7.4	0.8
Arkansas.....	72	(Z)	72	15	7	50	43	5.1	0.6
California.....	2,580	136	2,443	745	411	1,162	1,772	7.7	1.3
Colorado.....	227	7	220	61	38	115	148	5.5	1.3
Connecticut.....	366	(Z)	366	—	174	4	283	3.7	1.9
Delaware.....	23	(Z)	23	6	10	7	23	1.8	1.0
District of Columbia..	68	—	68	—	68	—	59	2.6	1.3
Florida.....	437	22	415	128	104	169	339	3.8	1.1
Georgia.....	200	1	198	79	49	71	102	6.1	0.8
Hawaii.....	28	—	28	4	23	—	28	1.4	0.6
Idaho.....	66	3	63	22	10	28	38	9.2	1.0
Illinois.....	1,316	1	1,314	122	248	767	1,026	3.8	1.7
Indiana.....	535	7	528	96	114	292	280	6.5	1.2
Iowa.....	361	4	357	96	68	192	261	6.6	1.5
Kansas.....	291	9	282	103	43	124	161	6.5	1.2
Kentucky.....	141	17	124	24	26	73	80	3.0	0.7
Louisiana.....	148	16	132	31	41	52	60	4.2	0.5
Maine.....	104	2	102	3	38	3	74	5.1	2.1
Maryland.....	298	15	283	157	120	—	215	3.0	1.4
Massachusetts.....	862	(Z)	861	25	482	—	702	7.4	2.7
Michigan.....	935	57	878	157	262	440	640	5.2	1.7
Minnesota.....	477	25	452	129	122	187	361	20.0	1.9
Mississippi.....	95	4	90	28	20	41	35	7.6	0.5
Missouri.....	349	5	343	50	78	203	236	4.3	1.1
Montana.....	92	7	85	41	12	32	40	12.5	0.8
Nebraska.....	191	29	162	40	30	88	113	4.8	1.2
Nevada.....	31	2	29	10	6	13	18	3.6	0.7
New Hampshire.....	80	2	78	5	31	28	68	5.7	2.3
New Jersey.....	976	2	973	177	417	310	842	9.4	2.6
New Mexico.....	47	10	37	8	9	21	18	3.5	0.4
New York.....	2,418	4	2,414	303	1,400	552	2,319	5.4	2.5
North Carolina.....	206	13	192	128	64	—	128	2.1	0.7
North Dakota.....	71	3	69	30	9	23	45	10.1	1.4
Ohio.....	1,024	40	984	142	185	604	602	3.2	1.0
Oklahoma.....	143	—	143	37	21	85	79	5.7	0.8
Oregon.....	198	(Z)	198	37	32	121	149	6.5	1.4
Pennsylvania.....	810	2	809	128	212	420	793	5.2	1.7
Rhode Island.....	90	—	90	—	66	(Z)	70	3.4	2.2
South Carolina.....	80	1	79	19	19	39	32	9.7	0.5
South Dakota.....	89	(Z)	89	33	12	40	61	4.1	1.7
Tennessee.....	176	(Z)	176	117	58	1	135	4.5	1.2
Texas.....	839	41	798	156	248	366	597	6.0	1.0
Utah.....	91	10	80	16	13	49	39	6.2	0.9
Vermont.....	42	(Z)	41	(Z)	11	3	35	8.6	2.2
Virginia.....	224	15	209	111	98	—	145	3.0	0.9
Washington.....	234	36	198	46	40	96	144	5.5	0.8
West Virginia.....	83	(Z)	83	18	9	56	40	2.1	0.6
Wisconsin.....	542	36	506	129	199	157	429	4.5	2.1
Wyoming.....	44	8	36	12	3	20	10	3.4	0.6

— Represents zero. NA Not available. Z Less than \$500,000.

<sup>1</sup> Includes amounts for townships and special districts, not shown separately.<sup>2</sup> Estimated local general property taxes.<sup>3</sup> Percent relation of 1962 tax revenue to 1961 taxable assessed value of all locally assessed real property.<sup>4</sup> Percent relation of 1962 tax revenue to 1961 estimated market value of locally assessed real property.Source: Dept. of Commerce, Bureau of the Census; special study, *Property Taxation in 1962*.

**No. 606. GOVERNMENTAL EMPLOYMENT AND PAYROLLS: 1950 TO 1966**

[For October. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Y 205-240]

YEAR AND FUNCTION	EMPLOYEES (1,000)					PAYROLL (mil. dol.)				
	Total	Federal (civilian) <sup>1</sup>	State and local	State	Local	Total	Federal (civilian) <sup>1</sup>	State and local	State	Local
1950.....	6,402	2,117	4,285	1,057	3,228	1,523	613	915	218	696
1960.....	8,808	2,421	6,387	1,527	4,860	3,333	1,118	2,215	524	1,691
1965.....	10,589	2,588	8,001	2,028	5,973	4,884	1,484	3,400	849	2,551
<b>Total, 1966.....</b>	<b>11,479</b>	<b>2,861</b>	<b>8,618</b>	<b>2,211</b>	<b>6,407</b>	<b>5,473</b>	<b>1,665</b>	<b>3,808</b>	<b>975</b>	<b>2,833</b>
National defense and international relations.....	1,270	1,270	-	-	-	730	730	-	-	-
Postal service.....	692	692	-	-	-	357	357	-	-	-
Education.....	4,422	18	4,404	866	3,538	2,041	11	2,030	353	1,677
Highways.....	594	5	589	292	297	259	4	255	139	116
Health and hospitals.....	1,049	188	861	423	438	429	101	328	169	159
Police protection.....	437	24	413	44	369	220	19	202	24	177
Natural resources.....	379	216	163	130	33	204	132	72	60	12
Financial administration.....	315	89	226	82	143	150	60	90	40	49
All other.....	2,322	360	1,962	373	1,590	1,083	251	832	190	643

- Represents zero. <sup>1</sup> Includes Federal civilian employees outside United States.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Public Employment in 1966*.

**No. 607. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS: 1955 TO 1966**

[For October. 1955 excludes Alaska and Hawaii. For payrolls, see also *Historical Statistics, Colonial Times to 1957*, series Y 223-240]

ITEM	STATE AND LOCAL				LOCAL <sup>1</sup>				
	Total	Educa-tion	Other	State	Total	Coun-ties	Municipalities	School districts	Other
<b>EMPLOYEES (1,000)</b>									
All employees, 1966.....	8,618	4,404	4,214	2,211	6,407	1,043	1,971	2,850	543
Full-time.....	6,994	3,423	3,571	1,743	5,251	911	1,631	2,365	344
Part-time.....	1,624	982	643	468	1,156	132	341	485	199
Full-time equivalent:									
1955.....	4,487	1,935	2,552	1,081	3,406	604	1,252	1,341	209
1960.....	5,570	2,525	3,045	1,353	4,217	728	1,447	1,729	302
1962.....	5,958	2,730	3,228	1,478	4,480	784	1,486	1,901	310
1963.....	6,282	2,948	3,334	1,558	4,724	804	1,549	2,056	315
1964.....	6,586	3,132	3,454	1,639	4,947	859	1,584	2,164	341
1965.....	6,937	3,337	3,600	1,751	5,186	893	1,638	2,287	368
1966.....	7,398	3,678	3,720	1,864	5,534	948	1,701	2,503	381
<b>MONTHLY PAYROLL (mil. dol.)</b>									
1955.....	1,419	662	757	326	1,093	162	414	453	64
1960.....	2,215	1,095	1,120	524	1,691	249	583	735	118
1962.....	2,619	1,325	1,294	635	1,985	295	662	899	128
1963.....	2,840	1,464	1,377	696	2,144	311	708	992	133
1964.....	3,097	1,608	1,489	761	2,336	346	761	1,080	150
1965.....	3,400	1,778	1,623	849	2,551	377	818	1,187	167
1966.....	3,808	2,030	1,778	975	2,833	414	892	1,343	184

<sup>1</sup> Except for 1962, subject to sampling variation. <sup>2</sup> Townships and special districts.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Public Employment in 1966*.

**No. 608. FULL-TIME PUBLIC EMPLOYEES AND ANNUAL RATE OF PAY: 1962**

[For October]

LEVEL OF GOVERNMENT	Total employees (1,000)	ANNUAL RATE OF PAY (percent distribution)							Median annual rate
		Less than \$1,800	\$1,800 to \$2,999	\$3,000 to \$4,199	\$4,200 to \$5,399	\$5,400 to \$6,599	\$6,600 to \$7,799	\$7,800 or more	
<b>Total.....</b>	<b>8,084</b>	<b>3.3</b>	<b>8.0</b>	<b>18.8</b>	<b>28.5</b>	<b>20.1</b>	<b>10.1</b>	<b>11.1</b>	<b>\$5,246</b>
Federal (civilian) <sup>1</sup> .....	2,415	3.4	1.8	11.6	33.5	25.5	10.8	13.4	5,390
State, teachers.....	121	-	1.7	1.7	7.4	16.5	19.8	52.9	7,971
Other State.....	1,284	2.0	15.7	31.8	23.9	12.1	6.3	8.2	4,224
Local, teachers.....	1,666	0.1	1.2	10.7	31.3	26.1	16.0	14.6	5,680
Other local.....	2,598	6.0	14.7	24.9	25.5	15.5	7.2	6.1	4,391

- Represents zero.

<sup>1</sup> Distribution as of October on basis of Civil Service Commission data on pay rates as of June 30.

Source: Dept. of Commerce, Bureau of the Census; Census of Governments: 1962, Vol. III, *Compendium of Public Employment*.



## No. 609. GOVERNMENTAL EMPLOYMENT—STATES: 1966

[For October, except as noted]

STATE	ALL EMPLOYEES (1,000)					FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS					
	All govern- ments	Federal (civill- ian) <sup>1</sup>	State and local			Number (1,000)			Per 10,000 population <sup>3</sup>		
			Total	State	Local <sup>2</sup>	Total	State	Local <sup>2</sup>	Total	State	Local <sup>2</sup>
United States.....	11,252	2,634	8,618	2,211	6,407	7,398	1,864	5,534	378	95	283
Alabama.....	195	64	132	39	93	117	32	85	332	90	243
Alaska.....	28	15	13	7	6	12	7	6	452	241	211
Arizona.....	98	25	73	23	50	62	18	45	385	109	276
Arkansas.....	92	17	75	24	51	64	20	44	326	103	223
California.....	1,220	289	931	211	721	783	175	607	414	93	321
Colorado.....	153	41	112	34	78	92	26	66	466	133	333
Connecticut.....	126	18	108	34	73	96	31	65	333	108	226
Delaware.....	27	4	23	10	13	21	9	12	416	183	232
District of Columbia.....	247	<sup>4</sup> 209	37	(X)	37	34	(X)	34	424	(X)	424
Florida.....	329	62	267	59	208	244	54	191	411	91	321
Georgia.....	249	73	175	41	135	161	38	123	361	85	276
Hawaii.....	61	26	35	25	10	31	22	9	432	301	131
Idaho.....	43	9	34	11	24	28	9	19	400	125	274
Illinois.....	552	113	439	103	336	370	85	286	345	79	267
Indiana.....	260	40	220	60	160	188	46	142	382	94	289
Iowa.....	155	19	136	35	101	112	29	82	407	107	300
Kansas.....	149	22	126	36	90	104	27	77	463	122	341
Kentucky.....	151	33	118	40	78	104	35	70	328	108	219
Louisiana.....	193	28	164	59	105	142	50	92	395	139	256
Maine.....	62	16	46	14	32	35	12	23	357	126	231
Maryland.....	250	104	146	37	109	134	35	99	371	98	273
Massachusetts.....	279	65	213	49	164	194	46	147	360	86	273
Michigan.....	443	52	391	99	292	319	77	242	381	92	289
Minnesota.....	207	30	177	46	131	137	36	102	384	100	284
Mississippi.....	119	20	98	28	71	84	22	62	361	96	265
Missouri.....	249	63	186	49	136	157	40	116	347	89	258
Montana.....	49	11	38	13	24	31	10	20	438	149	288
Nebraska.....	90	16	74	20	54	60	16	45	415	109	307
Nevada.....	30	8	21	6	16	20	5	15	438	113	325
New Hampshire.....	39	5	35	10	25	24	8	16	351	116	235
New Jersey.....	320	65	255	48	207	223	43	180	324	63	261
New Mexico.....	78	27	51	20	31	44	16	28	427	157	270
New York.....	1,053	182	871	162	709	782	153	629	428	84	345
North Carolina.....	226	34	192	57	135	166	48	118	332	96	237
North Dakota.....	52	8	45	12	33	29	9	20	439	134	305
Ohio.....	515	101	414	83	331	350	69	281	340	67	273
Oklahoma.....	171	53	118	41	77	99	31	68	404	128	276
Oregon.....	127	24	103	36	66	85	28	57	434	145	289
Pennsylvania.....	590	143	446	111	336	388	100	288	335	87	249
Rhode Island.....	50	14	36	15	21	32	14	19	358	151	207
South Carolina.....	123	28	94	27	68	83	24	59	320	93	227
South Dakota.....	51	10	41	12	29	29	9	20	428	136	292
Tennessee.....	198	45	153	41	113	143	37	105	368	96	272
Texas.....	580	141	439	101	338	392	84	308	365	78	287
Utah.....	92	38	54	20	34	42	14	28	421	141	280
Vermont.....	22	4	18	7	11	15	7	8	364	161	203
Virginia.....	297	124	173	57	116	156	51	106	347	113	234
Washington.....	210	53	157	47	110	129	37	92	432	123	308
West Virginia.....	90	13	77	31	46	68	26	42	378	145	233
Wisconsin.....	238	25	213	52	161	164	37	127	395	90	305
Wyoming.....	27	6	21	8	13	18	6	11	533	187	346

X Not applicable.

<sup>1</sup> Federal civilian employment within the U.S. as of June 1966, including employees of the National Guard paid directly from the Federal Treasury. Total accordingly differs from Federal employment reported in table 606 which pertains to October 1966 and includes employees working outside U.S.<sup>2</sup> Subject to sampling variation.<sup>3</sup> Based on estimated population as of July 1, 1966.<sup>4</sup> Data for Federal employees in the District of Columbia are for Washington, D.C., Standard Metropolitan Statistical Area, and include substantial numbers of employees working in suburban locations in Maryland and Virginia.Source: Dept. of Commerce, Bureau of the Census; annual report, *Public Employment in 1966*.

**No. 610. STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT)—  
STATES: 1966**

[For October]

STATE	All functions	EDUCATION		OTHER FUNCTIONS							
		Total	Local schools only	Total <sup>1</sup>	High- ways	Hospi- tals	Public welfare	Police protec- tion	Local fire protec- tion	Finan- cial ad- minis- tration	Gen- eral con- trol
<b>U.S.</b>	<b>7,397,926</b>	<b>3,677,998</b>	<b>3,041,739</b>	<b>3,719,928</b>	<b>557,235</b>	<b>722,732</b>	<b>182,450</b>	<b>363,161</b>	<b>173,277</b>	<b>190,137</b>	<b>212,454</b>
Ala.....	116,896	58,730	47,621	58,165	14,423	10,741	1,631	4,726	2,525	2,226	2,720
Alaska.....	12,293	5,595	4,680	6,698	1,873	474	163	353	133	355	643
Ariz.....	62,303	33,352	25,890	28,951	6,206	3,222	779	3,065	1,121	2,031	1,832
Ark.....	63,819	35,767	29,111	28,053	6,001	6,838	1,165	2,025	1,161	1,508	1,384
Calif.....	782,615	366,875	292,150	415,740	41,058	66,607	22,029	40,553	19,308	22,902	22,222
Colo.....	92,195	51,398	39,267	40,797	6,547	8,089	2,031	3,295	1,373	2,538	3,066
Conn.....	95,758	48,427	41,754	47,331	8,306	7,676	2,823	5,375	3,455	2,403	2,802
Del.....	21,272	11,096	8,032	10,176	1,899	1,613	944	916	281	764	851
D.C.....	34,257	10,511	10,361	23,746	1,295	2,910	3,115	3,225	1,465	664	720
Fla.....	244,402	111,686	93,714	132,716	16,895	31,756	3,254	12,820	5,481	7,281	6,276
Ga.....	160,826	78,813	65,543	82,014	13,276	25,537	1,629	6,249	2,546	3,417	4,296
Hawaii.....	31,043	15,003	11,659	16,039	1,887	1,927	340	1,317	898	996	779
Idaho.....	27,740	14,159	11,299	13,581	3,130	1,895	383	1,157	514	883	830
Ill.....	370,374	180,831	150,414	189,543	21,856	37,482	11,361	22,916	9,294	7,644	11,502
Ind.....	188,015	106,033	85,142	81,982	11,704	20,373	3,640	7,286	4,465	4,612	5,686
Iowa.....	111,910	63,543	51,477	48,368	9,617	9,908	3,075	3,656	1,827	2,732	3,241
Kans.....	104,177	60,005	48,978	44,172	10,068	8,549	2,072	3,327	1,697	2,346	3,285
Ky.....	104,318	57,988	45,268	46,330	10,093	8,287	2,359	4,194	1,792	2,084	2,923
La.....	142,260	70,992	56,516	71,268	13,150	13,002	3,046	6,656	2,582	2,708	3,208
Maine.....	35,074	17,667	15,005	17,406	5,057	2,054	698	1,403	1,205	1,065	704
Md.....	133,984	68,307	55,570	65,678	8,439	12,989	2,212	8,189	3,498	3,469	3,234
Mass.....	193,551	77,621	70,628	115,930	14,195	25,873	4,898	11,311	10,621	5,650	5,583
Mich.....	318,783	174,721	135,138	144,061	17,632	36,034	5,846	14,917	7,561	6,686	7,354
Minn.....	137,433	72,251	58,995	65,182	12,499	14,596	3,216	4,869	2,096	3,233	4,478
Miss.....	83,878	42,894	33,501	40,984	10,603	10,761	1,768	3,106	1,079	1,460	1,763
Mo.....	156,612	81,009	69,701	75,604	10,838	16,783	4,001	8,993	3,512	3,614	5,228
Mont.....	30,719	15,939	12,138	14,780	3,719	1,908	607	1,164	379	997	1,320
Nebr.....	60,464	29,879	23,906	30,585	5,194	5,366	1,071	2,166	986	1,668	2,009
Nev.....	19,878	8,443	7,151	11,435	2,244	2,174	249	1,311	632	657	840
N.H.....	23,905	10,495	8,269	13,410	3,666	1,883	819	1,104	975	551	689
N.J.....	223,296	108,173	98,206	115,123	15,148	21,309	4,468	16,257	6,829	5,828	7,485
N. Mex.....	43,618	24,402	17,931	19,215	3,643	3,076	1,122	1,613	612	1,771	985
N.Y.....	781,952	301,570	261,000	480,382	42,285	102,036	31,237	51,558	21,406	22,733	23,939
N.C.....	166,154	93,794	78,646	72,360	13,491	13,306	2,891	6,230	2,741	4,136	3,100
N. Dak.....	28,546	15,617	12,008	12,928	3,083	1,286	564	723	503	1,077	1,418
Ohio.....	350,215	183,255	153,290	166,960	24,210	28,958	10,995	15,182	10,054	7,134	12,533
Okla.....	99,260	51,528	40,492	47,731	8,922	11,069	2,955	3,609	2,257	2,323	2,798
Oreg.....	84,791	46,340	35,165	38,451	7,386	5,142	1,897	3,331	1,545	3,175	2,218
Pa.....	388,129	197,172	180,577	190,957	33,330	30,221	12,466	22,933	6,648	11,402	14,657
R.I.....	32,140	13,452	10,520	18,688	2,279	4,452	1,193	1,937	1,513	1,066	1,042
S.C.....	82,814	45,498	38,822	37,316	6,398	10,016	1,174	3,249	1,180	2,023	1,788
S. Dak.....	29,195	16,260	12,991	12,935	3,840	1,265	467	960	229	1,108	1,162
Tenn.....	142,696	67,425	55,326	75,271	13,296	15,828	2,382	5,207	3,042	2,243	3,214
Tex.....	392,491	219,280	186,347	173,211	31,864	31,328	4,070	15,482	8,823	8,979	9,797
Utah.....	42,424	25,727	19,402	16,697	3,242	2,265	757	1,449	585	1,025	1,272
Vt.....	14,750	7,685	5,760	7,064	2,066	769	315	513	288	466	393
Va.....	156,362	83,949	71,414	72,413	16,450	11,583	2,172	6,283	2,830	3,893	2,716
Wash.....	128,663	66,376	51,472	62,287	10,430	7,487	2,866	4,629	2,771	4,251	2,453
W. Va.....	67,804	36,396	29,694	31,407	8,565	6,474	2,081	1,941	808	1,872	1,635
Wis.....	164,354	85,495	67,411	78,859	11,893	15,426	4,624	7,785	3,937	3,982	5,871
Wyo.....	17,522	8,574	6,389	8,947	2,046	2,128	524	645	216	508	511

<sup>1</sup> Includes functions not shown separately.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Public Employment in 1966*.



## No. 611. STATE AND LOCAL GOVERNMENT PAYROLLS—STATES: 1966

[In thousands of dollars. For October]

STATE	All functions	EDUCATION		OTHER FUNCTIONS							
		Total	Local schools only	Total <sup>1</sup>	Highways	Hospitals	Public welfare	Police protection	Local fire protection	Financial administration	General control
U.S. ....	3,807,978	2,030,044	1,633,654	1,777,935	254,932	277,262	81,326	201,632	100,481	89,605	105,984
Ala. ....	46,761	25,699	19,976	21,062	4,964	3,059	671	2,032	1,124	978	1,072
Alaska ..	9,507	4,109	3,348	5,398	1,806	237	92	279	109	239	461
Ariz. ....	34,222	20,248	15,427	13,974	3,016	1,142	332	1,660	628	847	913
Ark. ....	23,046	13,963	10,668	9,083	1,927	1,760	423	727	452	562	463
Calif. ....	531,386	265,649	210,388	265,737	25,825	35,048	12,588	28,833	15,305	13,991	15,348
Colo. ....	44,867	26,746	19,380	18,121	2,566	3,144	923	1,684	796	1,161	1,310
Conn. ....	54,654	29,696	25,498	24,957	4,235	3,691	1,343	3,110	1,929	1,274	1,672
Del. ....	9,987	5,637	4,442	4,350	794	601	327	442	146	301	457
D.C. ....	20,591	6,573	6,422	14,018	827	1,425	1,701	2,358	1,041	408	510
Fla. ....	106,364	54,040	43,754	52,323	6,128	10,067	1,276	5,945	2,678	3,206	3,093
Ga. ....	62,612	33,586	27,083	29,026	4,689	7,367	712	2,588	1,203	1,529	1,771
Hawaii ..	18,458	8,893	6,352	9,565	1,071	1,002	212	897	628	630	617
Idaho. ....	11,941	6,401	4,987	5,540	1,395	663	166	481	236	321	309
Ill. ....	203,042	105,038	84,996	98,004	12,290	15,351	5,334	13,347	5,504	3,486	5,893
Ind. ....	93,522	60,888	47,959	32,634	4,742	6,838	1,275	3,433	2,254	1,780	1,918
Iowa. ....	51,601	30,842	23,372	20,759	4,448	3,462	1,031	1,644	917	1,130	1,453
Kans. ....	45,271	28,142	21,945	17,129	3,933	2,901	732	1,420	803	871	1,229
Ky. ....	43,307	26,012	19,115	17,295	3,713	2,508	909	1,719	772	844	1,121
La. ....	60,730	32,798	25,476	27,932	5,104	4,165	1,367	2,737	1,207	1,209	1,407
Maine. ....	15,574	8,167	6,695	7,407	2,067	801	324	642	520	408	302
Md. ....	68,341	38,022	31,566	30,319	3,967	4,906	995	4,353	1,913	1,639	1,668
Mass. ....	104,549	44,586	40,228	59,962	7,420	11,052	2,440	6,361	6,184	2,848	3,109
Mich. ....	187,272	109,421	82,656	77,852	10,005	16,481	2,886	9,436	4,542	3,687	4,163
Minn. ....	73,655	42,477	32,997	31,178	6,507	5,893	1,471	2,582	1,215	1,487	2,001
Miss. ....	28,086	15,864	11,521	12,223	2,755	2,385	671	1,142	452	592	583
Mo. ....	69,548	38,157	31,295	31,391	4,080	5,663	1,363	4,396	1,877	1,434	2,049
Mont. ....	14,313	8,027	6,038	6,286	1,944	617	243	476	177	375	453
Nebr. ....	25,789	13,394	10,110	12,394	1,984	1,670	383	910	460	597	695
Nev. ....	10,914	4,936	4,029	5,978	1,289	889	123	747	402	340	430
N.H. ....	10,789	5,262	3,957	5,527	1,570	707	257	486	443	215	257
N.J. ....	125,367	70,139	63,338	55,228	7,251	8,369	1,895	9,215	3,975	2,755	3,854
N. Mex. ....	20,429	12,492	8,943	7,937	1,508	910	441	726	299	711	464
N. Y. ....	467,530	199,489	170,867	268,041	22,314	46,280	14,968	34,219	14,653	11,934	14,975
N. C. ....	74,262	45,239	35,965	29,023	5,834	4,512	1,160	2,777	1,212	1,787	1,261
N. Dak. ....	12,528	7,448	5,480	5,080	1,360	432	228	314	223	422	529
Ohio. ....	169,107	94,157	77,562	74,949	11,591	9,916	3,901	8,284	5,592	3,219	5,705
Okla. ....	39,995	23,243	17,512	16,752	2,925	3,149	1,164	1,438	929	891	1,126
Oreg. ....	45,455	25,273	18,426	20,181	4,522	2,039	910	1,888	971	1,462	1,189
Pa. ....	189,918	105,243	94,736	84,675	13,922	10,929	4,625	11,932	3,428	4,783	6,189
R.I. ....	15,143	7,521	6,002	7,622	985	1,226	480	962	712	447	511
S. C. ....	31,609	18,860	15,350	12,748	2,044	2,808	449	1,333	467	805	595
S. Dak. ....	12,425	7,179	5,391	5,246	1,608	365	181	359	105	402	408
Tenn. ....	58,190	30,938	25,228	27,253	4,306	4,500	923	2,275	1,492	949	1,219
Tex. ....	169,019	101,043	81,208	67,977	12,516	9,439	1,585	7,096	4,330	3,641	4,298
Utah. ....	20,434	12,910	9,083	7,524	1,570	758	342	690	307	442	598
Vt. ....	7,194	3,925	2,715	3,269	942	330	137	248	129	187	188
Va. ....	70,318	40,555	33,405	29,763	6,359	3,894	905	3,161	1,490	1,541	1,249
Wash. ....	72,461	39,498	28,883	32,962	5,902	3,133	1,337	2,483	1,606	1,966	1,263
W. Va. ....	28,166	16,897	13,106	11,269	3,275	1,701	769	779	345	651	665
Wis. ....	89,585	50,333	35,563	39,252	6,104	6,410	2,147	4,301	2,203	1,998	2,771
Wyo. ....	8,148	4,386	3,209	3,762	1,032	667	208	285	97	223	197

<sup>1</sup> Includes functions not shown separately.Source: Dept. of Commerce, Bureau of the Census; annual report, *Public Employment in 1966*.



## No. 612. CITY EMPLOYMENT AND PAYROLLS—SUMMARY: 1950 TO 1966

<sup>1</sup> For October. 1962 based on complete count; other years based on sample and subject to sampling variation]

YEAR	ALL EMPLOYEES <sup>1</sup> (1,000)		MONTHLY PAYROLL (mil. dol.)		FULL-TIME EQUIVALENT EMPLOYEES (1,000)			AVERAGE MONTHLY EARNINGS OF FULL-TIME EMPLOYEES	
	Total	Excluding education	Total <sup>2</sup>	Excluding education	Total <sup>2</sup>	Educa- tion	Other	Educa- tion	Other
1950.....	1,311	1,106	290	230	(NA)	(NA)	(NA)	(NA)	(NA)
1955.....	1,436	1,238	414	337	1,262	182	1,080	\$422	\$315
1960.....	1,692	1,439	583	471	1,447	225	1,222	502	387
1961.....	1,734	1,468	644	518	1,515	237	1,278	531	407
1962.....	1,696	1,434	662	534	1,486	227	1,259	569	425
1963.....	1,782	1,498	708	570	1,550	246	1,305	566	439
1964.....	1,817	1,514	761	607	1,584	262	1,322	588	461
1965.....	1,884	1,560	818	649	1,638	282	1,356	603	480
1966.....	1,971	1,613	892	703	1,701	309	1,392	613	508

NA Not available. <sup>1</sup> Full-time and part-time.

<sup>2</sup> Includes only those school systems which are operated as part of the general city government.

## No. 613. EMPLOYMENT AND PAYROLLS—ALL CITIES AND CITIES WITH 50,000 INHABITANTS OR MORE: 1966

[For October]

FUNCTION	EMPLOYEES (1,000)			FULL-TIME EQUIVALENT EMPLOYMENT		PAYROLL FOR MONTH	
	Total	Full- time	Part- time	Total (1,000)	Per 10,000 popula- tion <sup>1</sup>	Total (\$1,000)	Aver- age per full- time em- ployee
ALL CITIES							
All functions.....	1,971	1,631	341	1,701	146.2	891,681	\$527
Common municipal functions.....	1,167	940	227	979	84.2	495,510	505
Highways.....	122	109	13	112	9.7	51,906	463
Police protection.....	285	242	43	251	21.5	141,825	567
Fire protection.....	197	150	48	155	13.3	90,656	591
Sewerage.....	40	38	2	38	3.3	17,362	457
Sanitation other than sewerage.....	107	103	4	104	9.0	45,730	439
Parks and recreation.....	99	72	27	78	6.7	34,171	435
Libraries.....	45	32	13	35	3.0	13,926	393
Financial administration.....	60	46	15	48	4.1	22,982	480
General control.....	124	64	60	72	6.2	36,039	509
Water supply.....	88	84	4	85	7.3	40,913	482
Variable municipal functions.....	805	691	114	722	62.0	396,171	549
Education <sup>2</sup> .....	359	289	70	309	26.5	188,416	613
All other <sup>3</sup> .....	446	401	45	413	35.5	207,755	503
CITIES OF 50,000 OR MORE							
All functions.....	1,267	1,158	109	1,190	187.2	673,550	566
Common municipal functions.....	647	609	38	619	97.4	344,707	557
Highways.....	57	56	1	57	8.9	30,519	538
Police protection.....	175	161	14	164	25.8	101,215	617
Fire protection.....	109	108	(Z)	108	17.1	67,891	626
Sewerage.....	21	21	(Z)	21	3.3	10,506	500
Sanitation other than sewerage.....	71	70	1	71	11.1	34,163	484
Parks and recreation.....	69	55	13	59	9.2	26,564	454
Libraries.....	30	24	6	25	4.0	10,480	414
Financial administration.....	27	27	(Z)	27	4.3	14,490	535
General control.....	38	37	2	37	5.9	22,165	596
Water supply.....	50	50	(Z)	50	7.9	26,714	535
Variable municipal functions.....	620	549	71	571	89.9	328,843	576
Education <sup>2</sup> .....	293	231	62	249	39.2	156,548	629
All other <sup>3</sup> .....	327	318	9	322	50.7	172,295	534

Z Less than 500.

<sup>1</sup> Based on population in 1960 as follows: All cities, 116,599,000; cities of 50,000 or more, 63,767,000.

<sup>2</sup> City-operated schools and colleges.

<sup>3</sup> Public welfare, hospitals, health, housing and urban renewal, airports, water transport and terminals, correction, electric power, gas supply and transit utilities, and "Other and unallocable."

Source of tables 612 and 613: Dept. of Commerce, Bureau of the Census; *City Employment in 1966*.

FIG. XXVIII. PRINCIPAL ASSETS OF ALL COMMERCIAL BANKS: 1914 TO 1966

[For 1914 to 1922, as of end of June; thereafter, end of December. See table 625]

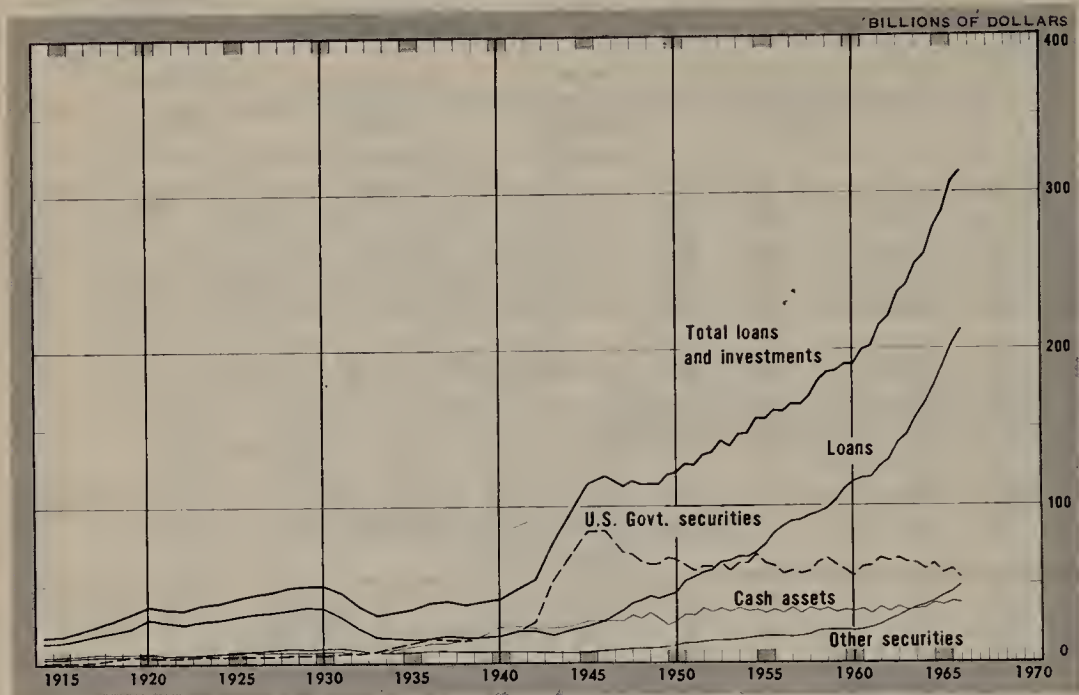
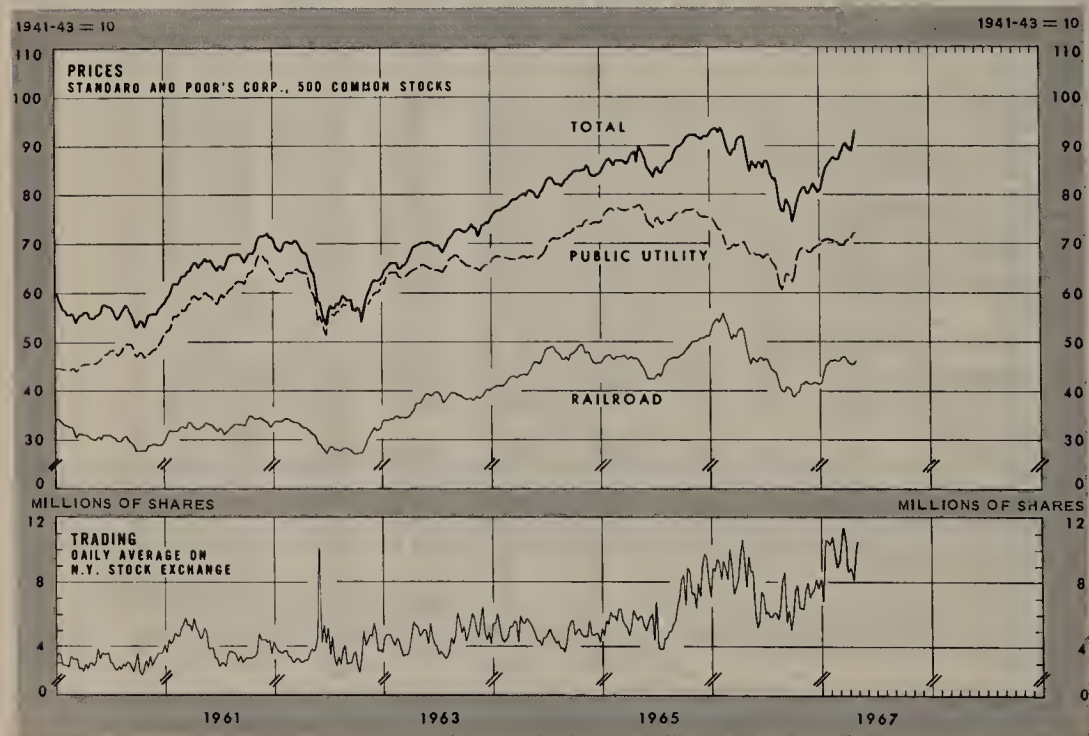


FIG. XXIX. STOCK PRICES: 1960 TO 1967

[Indexes based on weekly average closing prices. See table 660]



Source of figs. XXVIII and XXIX: Board of Governors of the Federal Reserve System.

## Section 16

### Banking, Finance, and Insurance

**Banking system.**—Banks in this country are organized under the laws of both the States and the Federal government. State-chartered banks are supervised by officials of the respective States. "National" banks, organized under Federal law passed in 1863, are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863; from 1897 to 1961, summaries of these reports were published in the *Abstract of Reports of National Banks*. Since September 1963, summaries of these data, by States, have been published in *The National Banking Review*, a quarterly publication of the Comptroller of the Currency as well as in the Comptroller's *Annual Report*. Both the *Review* and the *Annual Report* also present data on bank income and expenses and on the structure of the national banking system.

The Federal Reserve System was established in 1914 to exercise central banking functions, some of which are shared with the United States Treasury. It includes national banks and such State banks as voluntarily join the System. After its establishment, State bank members began to submit their statements of condition at the same time and in substantially the same form as national banks. These statements are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. They are published in the *Summary Report, Assets and Liabilities of Member Banks*, usually four times a year, and in summary form in the *Federal Reserve Bulletin*.

The Federal Deposit Insurance Corporation, established in 1933, insures each deposit account up to \$15,000 in banks which are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. Beginning with 1947, an all-bank series has been tabulated twice a year by the Corporation. A monthly series, also beginning with 1947 and based in part on the all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

**Currency.**—Currency, including coin and paper money, represents about one-fifth of the total media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks and the Treasury.

"Currency in circulation" or "money in circulation" (official *Treasury Circulation Statement*) refers to all coin and paper money outside the Treasury and Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the United States, whether in current active use or held idle. It also includes some currency which, strictly speaking, is not a part of the money supply in the hands of the public, such as cash in vaults of commercial and savings banks, currency lost or destroyed (other than \$130 million written off as "irretrievably lost" under authority of the Old Series Currency Adjustment Act of 1961) and currency carried abroad by travelers. Historical data on the stock of money and money in circulation appear in the *Annual Report of the Secretary of the Treasury*.

**Credit agencies.**—Government corporations and credit agencies, operating under mandates and powers given them by the Congress, make available credit of specified types or to specified groups of private borrowers, either by lending directly or by



insuring or guaranteeing loans made by private lending institutions. Statistics relating to the operations of Government credit agencies are available in reports of the individual agencies; statistics on their assets and liabilities are published quarterly in the *Treasury Bulletin*. In addition to commercial banks, savings banks, and Government credit agencies, there are a considerable number of other types of credit agencies in the United States. The most important of these are savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies. Statistics of savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are collected and published principally by The Spectator. Federal credit unions are under the supervision of the Bureau of Federal Credit Unions of the Department of Health, Education, and Welfare. Consumer credit data are published currently in the *Federal Reserve Bulletin*.

**Securities.**—Statistical information on new security issues has been provided by the *Journal of Commerce* since 1906 and the *Commercial and Financial Chronicle* from 1919 to 1957. The statistics of the *Commercial and Financial Chronicle* include, in addition to domestic and foreign corporate issues and State and local government securities, the issues of independent agencies of the United States Government, and of foreign governments and their subdivisions. A more comprehensive series of new issues with detailed information on the intended uses of net and gross proceeds has been compiled by the Securities and Exchange Commission on a monthly basis since 1934. The data cover substantially all new issues offered for cash sale in the United States in amounts over \$100,000 and with terms to maturity of more than one year. (See table 663.) This series is published monthly in the *Statistical Bulletin* of the Securities and Exchange Commission, the *Federal Reserve Bulletin*, and the *Survey of Current Business*.

In addition, the Commission has been compiling statistics since 1933 on changes in security holdings of institutional groups and individuals, and net change in outstanding corporate securities through cash transactions. The latter data are published in the Commission's *Statistical Bulletin* and also in the *Federal Reserve Bulletin*.

Monthly figures on the total value and volume of securities sold on each of the national securities exchanges have been published since October 1934 by the Securities and Exchange Commission. These figures include all sales effected on exchanges except, since March 1944, United States Government issues. They cover odd lots as well as round lots. The Commission also publishes figures on the total daily round-lot volume of trading in stocks on the New York Stock Exchange and the American Stock Exchange, showing short sales and several categories of member and nonmember purchases and sales. Daily odd-lot purchases and sales are reported separately. Since January 1965, the Commission has been publishing weekly purchases and sales by odd-lot customers of 75 selected New York Stock Exchange stocks.

**Security price averages.**—Among the most widely known indexes of security prices are the Dow-Jones averages, which provide a continuous series of common stock prices on a daily basis since 1897. This series is now based on 65 common stocks divided into 30 industrial, 20 railroad, and 15 public utility stocks. Indexes of the Standard and Poor's Corporation, available since 1918, are now based on daily closing prices of 500 stocks. (See table 660.)

**Insurance.**—Insurance was formerly classified into four categories—life, fire, marine, and casualty. With the introduction of multiple-line underwriting, insuring companies are now classified as either life or property. Companies which underwrite accident and health insurance only are included with life insurance companies; those which underwrite accident and health insurance in addition to one or more property lines are included with property insurance companies. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital and/or surplus.

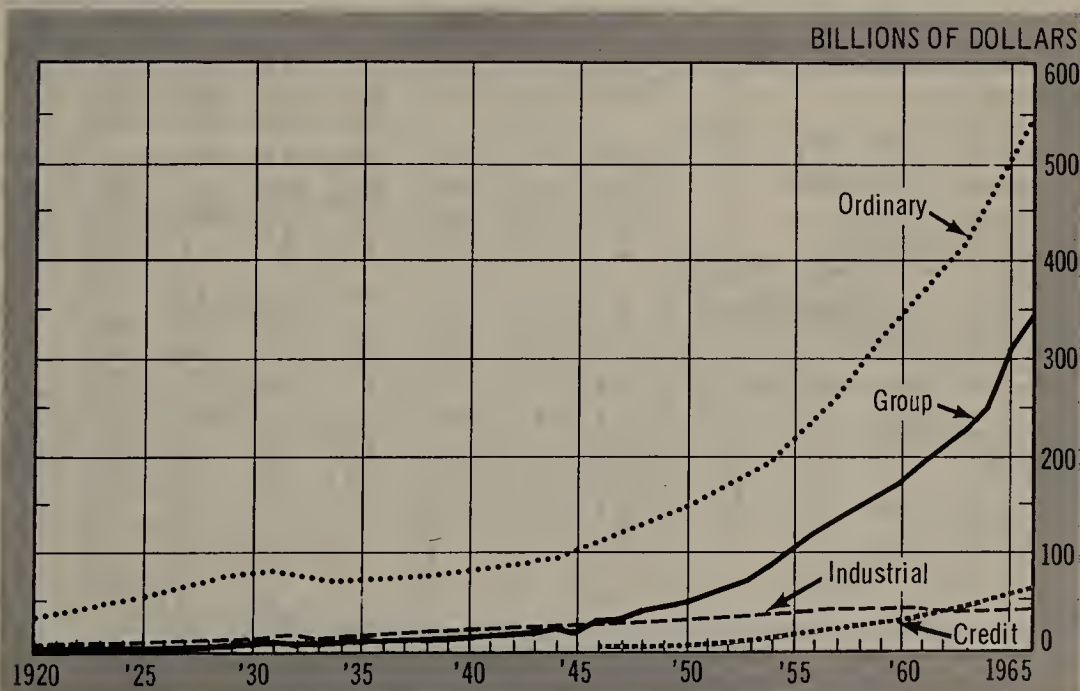
The regulation of insurance is in the hands of the various States and the District of Columbia, which collect a great deal of primary information on insurance. The Federal Government does not collect comprehensive statistics on insurance on a national basis. Basic theories and practice are parallel throughout insurance but application of theory and details of practice, including vocabulary, differ enormously by class of insurance and by class of insurer. Sound combination or comparison of figures is often difficult or impossible.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers collect data and publish many studies and reports for these classes. A sourcebook of statistics on life insurance, the *Life Insurance Fact Book*, is published annually by the Institute of Life Insurance. Health insurance data are published by the Health Insurance Institute in its annual *Source Book of Health Insurance Data*. Another source of insurance statistics is represented by the commercial publishers, such as The Spectator and the Alfred M. Best Company. The annual *Spectator Health Insurance Index* contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. Spectator's annual publication, *Insurance by States of Property, Liability, Surety and Miscellaneous Lines*, gives detailed data for other classes of insurance. Best's *Life Insurance Reports* and Best's *Insurance Reports*, fire and casualty edition, both annual publications, give individual company data for all types of life and fire and casualty insurance companies.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXX. LIFE INSURANCE IN FORCE: 1920 TO 1966

[As of December 31. See table 668]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Institute of Life Insurance.



# **No. 614. BANKS AND THE MONETARY SYSTEM—CONSOLIDATED CONDITION STATEMENT: 1940 TO 1967**

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Figures partly estimated. Comprises all commercial and savings banks, Federal Reserve Banks, Postal Savings System, and Treasury currency funds. See *Historical Statistics, Colonial Times to 1957*, series X 266-274, for deposits and currency, end of June]

ITEM	1940 (Dec. 31)	1945 (Dec. 31)	1950 (Dec. 30)	1955 (Dec. 31)	1960 (Dec. 31)	1965 (Dec. 31)	1966 (Dec. 31)	1967 (Mar. 29, prel.)
<b>Total assets or liabilities, net.....</b>	<b>82,664</b>	<b>191,785</b>	<b>199,008</b>	<b>244,135</b>	<b>289,947</b>	<b>419,087</b>	<b>442,152</b>	<b>445,737</b>
<b>ASSETS</b>								
Gold.....	21,995	20,065	22,706	21,690	17,767	13,733	13,159	13,109
Treasury currency outstanding.....	3,087	4,339	4,636	5,008	5,398	5,575	6,317	6,504
Bank credit.....	57,582	167,381	171,667	217,437	266,782	399,779	422,676	426,124
Loans, net.....	23,742	30,387	60,366	100,031	144,704	242,706	261,459	259,729
U.S. Government obligations.....	24,391	128,417	96,560	96,736	95,461	106,716	106,472	107,675
Commercial and savings banks.....	20,973	101,288	72,894	70,052	67,242	65,016	60,916	62,470
Federal Reserve Banks.....	2,184	24,262	20,778	24,785	27,384	40,768	44,316	44,529
Other.....	1,234	2,867	2,888	1,899	835	932	1,240	676
Other securities.....	9,449	8,577	14,741	20,670	26,617	50,357	54,745	58,720
<b>LIABILITIES AND CAPITAL</b>								
Capital and miscellaneous accounts, net.....	7,426	10,979	14,624	19,193	26,783	35,359	41,150	42,238
Deposits and currency.....	75,238	180,806	184,384	224,943	263,165	383,727	400,999	403,499
Foreign bank deposits, net.....	1,896	2,141	2,518	3,167	3,184	1,780	1,904	1,734
U.S. Government balances:								
Treasury cash holdings.....	2,213	2,287	1,293	767	377	760	1,176	1,335
At commercial and savings banks.....	753	24,608	2,989	4,038	6,193	5,778	5,238	5,770
At Federal Reserve Banks.....	368	977	668	394	485	668	416	677
Deposits adjusted and currency.....	70,008	150,793	176,916	216,577	252,926	374,741	392,265	393,983
Demand deposits <sup>1</sup> .....	34,945	75,851	92,272	109,914	115,102	138,315	139,301	132,130
Time deposits <sup>2</sup> .....	27,738	48,452	59,246	78,378	108,468	199,427	213,961	224,262
Commercial banks.....	15,777	30,135	36,314	48,359	71,380	146,433	158,568	167,480
Mutual savings banks <sup>3</sup> .....	10,658	15,385	20,009	28,129	36,318	52,686	55,271	56,680
Postal Savings System.....	1,303	2,932	2,923	1,890	770	309	122	102
Currency outside banks.....	7,325	26,490	25,398	28,285	29,356	36,999	39,003	37,591

<sup>1</sup> Deposits other than interbank and U.S. Government, less cash items reported in process of collection.

<sup>2</sup> Excludes interbank time deposits; U.S. Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.

<sup>3</sup> Prior to 1950, includes a relatively small amount of demand deposits. Beginning June 1961, includes amounts now reported by insured mutual savings banks as demand deposits, formerly reported as time deposits or other liabilities.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## **No. 615. USES AND SOURCES OF FUNDS—SUMMARY: 1959 TO 1966**

[In billions of dollars. See also tables 467 and 468 for related data on financial flows]

ITEM	1959	1960	1961	1962	1963	1964	1965	1966 est.
<b>Uses, funds raised.....</b>	<b>56.7</b>	<b>37.3</b>	<b>48.1</b>	<b>58.7</b>	<b>63.8</b>	<b>71.5</b>	<b>79.6</b>	<b>72.9</b>
Investment funds.....	29.1	25.6	30.8	34.0	39.8	42.6	45.6	41.3
Short-term funds.....	17.1	14.4	11.4	18.7	21.5	25.6	33.4	29.0
U.S. Government and agency publicly held securities.....	10.5	-2.7	5.9	6.0	2.5	3.3	.5	2.6
<b>Sources, funds supplied.....</b>	<b>56.7</b>	<b>37.3</b>	<b>48.1</b>	<b>58.7</b>	<b>63.8</b>	<b>71.5</b>	<b>79.6</b>	<b>72.9</b>
Savings institutions.....	23.5	22.5	25.8	29.0	32.3	32.3	33.2	27.6
Life insurance companies.....	5.2	5.4	5.6	6.4	6.6	7.4	8.3	8.6
Corporate pension funds.....	3.2	3.3	3.4	3.5	3.7	3.9	4.7	5.0
State and local government retirement funds.....	1.8	2.1	2.2	2.4	2.4	2.7	2.8	3.1
Fire and casualty insurance companies.....	1.5	1.1	1.3	1.2	1.3	1.1	.9	.9
Savings and loan associations.....	8.4	7.3	9.4	10.3	13.4	11.1	9.5	4.3
Mutual savings banks.....	1.4	1.5	2.1	3.1	3.5	4.2	3.9	2.7
Credit unions.....	.7	.6	.4	.6	.7	.9	1.1	.9
Investment companies-open end.....	1.4	1.1	1.4	1.5	.8	1.1	2.0	2.1
Commercial banks.....	4.9	8.8	15.8	19.5	19.4	22.2	29.1	18.0
Business corporations.....	13.9	.6	3.4	8.1	10.1	11.4	11.9	12.1
Nonfinancial.....	10.7	-1.6	3.0	5.5	5.9	7.4	6.8	9.2
Financial.....	3.2	2.2	.4	2.6	4.2	4.0	5.1	2.9
Other investor groups.....	8.2	5.1	3.6	4.4	3.2	2.4	4.2	6.3
Federal agencies.....	2.3	1.8	.8	.8	-.8	.4	.2	4.0
Brokers and dealers.....	(Z)	-.1	1.0	-.1	1.4	-.4	.4	-.2
Other consumer lenders.....	.2	.3	.2	.4	.4	.4	.4	.3
State and local governments <sup>1</sup> .....	1.1	1.4	1.0	1.3	1.4	1.2	3.2	3.1
Foreign investors.....	4.6	1.8	.6	2.0	.8	.8	(Z)	-.9
Residual, individuals and others <sup>2</sup> .....	6.2	.3	-.4	-2.3	-1.3	3.2	1.1	8.9

Z Less than \$50 million. <sup>1</sup> Excludes retirement funds shown separately under "Savings institutions."

<sup>2</sup> Includes revaluation of book assets of some holders.

Source: Bankers Trust Company, New York, N.Y.; *The Investment Outlook*, 1967.



## NO. 616. INVESTMENT FUNDS—USES AND SOURCES: 1959 TO 1966

[In billions of dollars. Funds generally of a long-term nature; some short-term funds are unavoidably included because of the method of reporting]

ITEM	1959	1960	1961	1962	1963	1964	1965	1966 est.
<b>Uses, funds raised</b> .....	<b>29.1</b>	<b>25.6</b>	<b>30.8</b>	<b>34.0</b>	<b>39.8</b>	<b>42.6</b>	<b>45.6</b>	<b>41.3</b>
Real estate mortgages .....	17.1	14.2	16.9	21.3	25.0	25.4	25.4	20.4
Corporate bonds .....	4.1	5.0	5.2	4.9	5.6	6.6	8.1	10.9
Corporate stocks .....	2.4	1.7	2.7	.7	— .2	1.4	(Z)	1.2
State and local government securities .....	4.7	3.8	5.2	5.6	7.0	6.2	7.8	6.3
Foreign securities .....	.8	.6	.8	1.0	1.0	.7	1.0	.8
Term loans .....	.1	.3	—	.5	1.4	2.2	3.4	1.7
<b>Sources, funds supplied</b> .....	<b>29.1</b>	<b>25.6</b>	<b>30.8</b>	<b>34.0</b>	<b>39.8</b>	<b>42.6</b>	<b>45.6</b>	<b>41.3</b>
Savings institutions .....	21.0	21.4	24.5	26.3	29.9	29.9	31.0	25.3
Life insurance companies .....	5.1	5.0	5.6	5.7	6.5	7.2	8.2	7.4
Corporate pension funds .....	2.9	3.4	3.3	3.3	3.6	3.8	4.8	5.2
State and local government retirement funds .....	1.4	1.8	2.1	2.1	2.1	2.2	2.7	3.3
Fire and casualty insurance companies .....	1.2	1.2	1.2	1.0	1.1	1.0	.8	1.3
Savings and loan associations .....	7.5	6.9	8.8	9.9	12.2	10.4	8.9	3.8
Mutual savings banks .....	1.7	2.1	2.1	3.0	3.7	4.2	4.1	3.1
Credit unions .....	.1	(Z)	(Z)	.1	(Z)	(Z)	(Z)	— .1
Investment companies—open end .....	1.2	1.0	1.4	1.1	.8	1.1	1.6	1.3
Commercial banks .....	2.9	1.4	4.2	8.9	11.5	10.3	13.9	8.7
Business corporations .....	.9	— .2	.4	.1	1.7	.6	1.2	.2
Nonfinancial .....	.7	— .2	— .2	— .4	.9	.2	.7	.8
Financial .....	.2	—	.6	.5	.8	.4	.5	— .6
Other investor groups .....	2.6	2.8	1.7	1.3	.4	1.5	.8	6.7
Federal agencies .....	2.3	1.8	.8	.8	— .8	.4	.2	4.0
State and local governments <sup>1</sup> .....	— .1	.8	.7	.4	.9	1.3	1.0	1.8
Foreign investors .....	.4	.3	.2	.1	.2	— .2	— .4	.9
Residual, individuals and others <sup>2</sup> .....	1.7	.2	(Z)	— 2.7	— 3.6	.3	— 1.3	.4

Z Less than \$50 million. <sup>1</sup> Excludes retirement funds shown separately under "Savings institutions."

<sup>2</sup> Includes revaluation of book assets of some holders.

## NO. 617. SHORT-TERM FUNDS—USES AND SOURCES: 1959 TO 1966

[In billions of dollars. Excludes governmental securities and short-term funds included with investment funds see table 616]

ITEM	1959	1960	1961	1962	1963	1964	1965	1966 est.
<b>Uses, funds raised</b> .....	<b>17.1</b>	<b>14.4</b>	<b>11.4</b>	<b>18.7</b>	<b>21.5</b>	<b>25.6</b>	<b>33.4</b>	<b>29.0</b>
Open market paper .....	.3	2.2	.8	1.3	1.0	2.1	.7	4.4
Commercial paper .....	— .3	.7	.4	.4	— .2	.3	— .3	1.2
Finance company paper .....	.6	.6	— .2	.9	.9	1.3	1.0	3.0
Bankers' acceptances .....	(Z)	.9	.7	(Z)	.2	.5	(Z)	.2
Other business credit .....	9.6	5.8	4.8	9.3	10.6	12.4	20.3	16.3
Bank short-term loans to business .....	6.2	2.0	1.8	4.9	5.9	4.5	11.3	7.2
Net trade credit of nonfinancial corporations .....	2.2	3.1	3.2	3.6	3.1	6.1	6.3	6.8
Finance company loans to business .....	1.2	.7	— .2	.8	1.6	1.8	2.7	2.3
Security credit .....	(Z)	.2	2.2	1.0	2.0	(Z)	1.0	.1
Bank loans .....	.2	.2	1.1	1.1	.6	.5	.1	.3
Other stock market credit <sup>1</sup> .....	— .2	(Z)	1.1	— .1	1.4	— .5	.9	— .2
Consumer credit .....	6.3	4.5	1.7	5.5	7.3	8.0	9.4	6.9
Other bank loans .....	.5	1.1	1.5	1.2	.2	2.6	1.4	— .2
Policy loans .....	.4	.6	.5	.5	.4	.5	.5	1.5
<b>Sources, funds supplied</b> .....	<b>17.1</b>	<b>14.4</b>	<b>11.4</b>	<b>18.7</b>	<b>21.5</b>	<b>25.6</b>	<b>33.4</b>	<b>29.0</b>
Savings institutions .....	1.1	1.6	.9	1.2	1.4	1.3	1.8	2.7
Life insurance companies .....	.4	.8	.4	.7	.5	.4	.6	1.6
Savings and loan associations .....	.1	.1	.1	(Z)	.2	.1	.1	(Z)
Mutual savings banks .....	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1	.1
Credit unions .....	.6	.6	.4	.6	.7	.8	1.1	1.0
Commercial banks .....	9.7	5.7	6.1	9.7	10.3	12.1	17.0	12.3
Business corporations .....	6.4	6.2	3.2	7.5	7.9	12.2	12.8	13.8
Nonfinancial .....	3.4	4.0	3.4	5.4	4.5	8.6	8.2	10.3
Financial .....	3.0	2.2	— .2	2.1	3.4	3.6	4.6	3.5
Other investor groups .....	.1	.7	1.2	.3	1.8	.2	1.2	.4
Brokers and dealers (customer credit) .....	—	— .1	1.0	— .1	1.4	— .4	.4	— .2
Other consumer lenders .....	.2	.3	.2	.4	.4	.4	.4	.3
Foreign investors .....	— .1	.5	(Z)	(Z)	(Z)	.2	.4	.3
Residual, individuals and others <sup>2</sup> .....	— .2	.3	.1	(Z)	.1	— .2	.5	— .2

Z Less than \$50 million. <sup>1</sup> Consists of customer credit (net debit balances with New York Stock Exchange firms) and broker and dealer credit (customers' net free credit balances).

<sup>2</sup> Includes broker and dealer credit (customers' net free credit balances).

Source of tables 616 and 617: Bankers Trust Company, New York, N.Y., *The Investment Outlook*, 1967.

No. 618. MONEY STOCK AND MONEY IN CIRCULATION: 1940 TO 1966

[In millions of dollars, except per capita. Per capita figures based on Bureau of the Census estimated population as of July 1 or December 31; prior to June 30, 1960, population figures exclude Alaska, and prior to December 31, 1960, Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series X 281-284]

DATE	Stock of money in United States <sup>1</sup>	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY		
		Total	In trust against gold and silver certificates <sup>2</sup>	Gold reserve against United States notes <sup>2</sup>	Held for Federal Reserve Banks and agents <sup>3</sup>	All other money	Held by Federal Reserve Banks and agents	In circulation <sup>4</sup>	
								Amount	Per capita
June 30:									
1940.....	28,458	21,837	19,651	156	14,939	2,030	3,486	7,848	\$59.40
1945.....	48,009	22,202	19,924	156	15,239	2,122	3,746	26,746	191.14
1950.....	52,440	26,646	25,349	156	20,167	1,142	3,820	27,156	179.03
1955.....	53,309	24,251	23,439	156	18,178	656	4,089	30,229	182.90
1960.....	53,071	21,850	21,455	156	16,213	239	4,398	32,065	177.47
1962.....	52,195	18,813	18,435	156	13,312	223	4,705	33,770	180.98
1963.....	53,335	17,954	17,585	156	12,641	213	4,855	35,470	187.30
1964.....	55,451	17,388	16,997	156	12,369	235	4,957	37,734	196.41
1965.....	56,690	15,302	14,559	156	13,669	586	2,554	39,720	204.14
1966.....	60,362	14,640	13,595	156	12,992	889	3,768	42,554	216.18
Dec. 31:									
1965.....	59,659	14,879	14,124	156	13,435	599	3,408	42,056	214.75
1966.....	61,693	14,417	13,243	156	12,672	1,018	3,181	44,663	225.59

<sup>1</sup> Excludes gold and silver certificates and Treasury notes of 1890 outside Treasury through June 30, 1961; gold certificates, Series of 1934, and silver certificates issued after June 30, 1929, thereafter. Excludes amount (gold certificates) held for Federal Reserve Banks and agents. These items are excluded since gold and silver held as security against them are included.

<sup>2</sup> Includes reserve against Treasury notes of 1890 through June 30, 1961.

<sup>3</sup> Gold certificates. Excluded from total since gold held as security against them is included in column "In trust against gold and silver certificates."

<sup>4</sup> Includes paper currency held outside United States.

Source: Treasury Dept.; *Annual Report of the Secretary, Statement of United States Currency and Coin* (formerly *Circulation Statement of United States Money*), and unpublished data.

No. 619. MONEY IN CIRCULATION, BY DENOMINATION: 1960 TO 1966

[In millions of dollars. As of December 31]

DENOMINATION	1960	1961	1962	1963	1964	1965	1966
Total <sup>1</sup> .....	32,869	33,918	35,338	37,692	39,619	42,056	44,663
Coin and small denomination currency.....	23,521	24,388	25,356	26,807	28,100	29,842	31,695
Coin.....	2,427	2,582	2,782	3,030	3,405	4,027	4,480
\$1 <sup>2</sup> .....	1,533	1,588	1,636	1,722	1,806	1,908	2,051
\$2.....	88	92	97	103	111	127	137
\$5.....	2,246	2,313	2,375	2,469	2,517	2,618	2,756
\$10.....	6,691	6,878	7,071	7,373	7,543	7,794	8,070
\$20.....	10,536	10,935	11,395	12,109	12,717	13,369	14,201
Large denomination currency.....	9,348	9,531	9,983	10,885	11,519	12,214	12,969
\$50.....	2,815	2,869	2,990	3,221	3,381	3,540	3,700
\$100.....	5,954	6,106	6,448	7,110	7,590	8,135	8,735
\$500.....	249	242	240	249	248	245	241
\$1,000.....	316	300	293	298	293	288	286
\$5,000.....	3	3	3	3	2	3	3
\$10,000.....	10	10	10	4	4	4	4

<sup>1</sup> Outside Treasury and Federal Reserve Banks.      <sup>2</sup> Paper currency only; \$1 silver coins reported under coin.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 620. PRODUCTION OF U.S. COINS, BY DENOMINATION: 1960 TO 1966

[In millions of pieces. Production data are equivalent to deliveries of coin by the mints to banking channels for issue to the public. No gold coins have been minted since 1933; no standard silver dollars, since 1935]

YEAR	Total	Half dollars	Quarter dollars	Dimes	5-cent pieces	1-cent pieces
1960.....	2,811	26	94	272	250	2,169
1961.....	3,277	32	124	306	306	2,510
1962.....	3,409	48	167	411	381	2,402
1963.....	3,840	92	213	548	456	2,531
1964.....	5,596	206	386	815	801	3,388
1965.....	7,920	186	1,339	1,315	2,016	3,064
1966.....	9,573	217	2,185	3,196	291	3,684

Source: Treasury Dept., Bureau of the Mint; *Annual Report of the Director*.



# No. 621. DEMAND DEPOSIT ACCOUNTS—BANK DEBITS AND DEPOSIT TURNOVER: 1955 TO 1967

[Old series covers 344 reporting cities, except as noted. New series covers 225 standard metropolitan statistical areas (SMSA's) as defined March 1, 1965; for definition, see text, p. 2. Both series include only debits to demand deposit accounts of individuals, partnerships, corporations, States, and political subdivisions, and exclude debits to U.S. Government, Interbank, and time deposit accounts. See *Historical Statistics, Colonial Times to 1957*, series X 216-225, for related but not comparable data]

YEAR	DEBITS TO DEMAND DEPOSIT ACCOUNTS (bil. dol.)				ANNUAL RATE OF TURNOVER			
	All report- ing centers	Leading centers <sup>1</sup>		Other centers <sup>2</sup>	All report- ing centers	Leading centers <sup>1</sup>		Other centers <sup>2</sup>
		New York	6 others			New York	6 others	
OLD SERIES								
1955-----	2,044	767	432	845	27.1	42.7	27.3	20.4
1960-----	2,839	1,103	578	1,158	35.5	60.0	34.8	25.7
1964-----	4,141	1,736	842	1,563	47.7	93.8	47.8	30.8
NEW SERIES								
1964-----	4,631	1,925	1,031	1,675	44.8	90.2	41.6	29.2
1965-----	5,152	2,139	1,141	1,872	48.3	99.6	44.9	31.3
1966-----	5,923	2,502	1,328	2,093	52.8	109.4	50.1	33.3
March-----	5,785	2,412	1,314	2,059	51.3	106.0	48.5	32.9
1967, March-----	6,316	2,757	1,387	2,173	54.8	117.2	51.2	33.9

<sup>1</sup> Old series, cities; new series, SMSA's. The "6 others" comprise Boston, Philadelphia, Chicago, Detroit, San Francisco-Oakland, and Los Angeles-Long Beach.

<sup>2</sup> Old series, 338 in 1955, 337 thereafter. New series, 226 SMSA's.

Source: Board of Governors of the Federal Reserve System; annual and current reports on bank debits and *Federal Reserve Bulletin*.

# No. 622. CHANGES IN NUMBER OF OPERATING BANKING OFFICES: 1945 TO 1966

[As of December 31. Includes American Samoa, Canal Zone, Mariana Islands, Marshall Islands, Midway Islands, and Virgin Islands]

TYPE OF CHANGE	1945	1950	1955	1960	1963	1964	1965	1966
<b>Banking offices.....</b>	<b>18,881</b>	<b>19,851</b>	<b>21,676</b>	<b>25,105</b>	<b>28,369</b>	<b>29,727</b>	<b>30,958</b>	<b>32,136</b>
Number of banks.....	14,713	14,693	14,285	13,999	14,092	14,281	14,324	14,291
Number of branches.....	4,168	5,158	7,391	11,106	14,277	15,446	16,634	17,845
<b>Net change during year.....</b>	<b>+40</b>	<b>+267</b>	<b>+516</b>	<b>+863</b>	<b>+1,340</b>	<b>+1,358</b>	<b>+1,231</b>	<b>+1,178</b>
Offices opened.....	292	384	807	1,060	1,553	1,553	1,454	1,402
Banks.....	119	68	117	132	300	338	202	125
Branches.....	173	316	690	928	1,253	1,216	1,252	1,277
Offices closed.....	252	127	291	197	213	196	223	224
Banks.....	106	105	241	137	159	149	159	158
Branches.....	146	22	50	60	54	47	64	66

Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 623. BANK MERGERS RESULTING IN NATIONAL BANKS, BY ASSETS OF ACQUIRING AND ACQUIRED BANKS: 1960-1965

[Covers period from effective date of Bank Merger Act (May 13, 1960) to December 31, 1965. Includes all forms of acquisition. The bank with the larger total assets in each transaction was considered to be the acquiring bank]

ASSETS OF ACQUIRING BANKS	Acquired banks	Under \$10,000,000	\$10,000,000 to \$24,999,999	\$25,000,000 to \$49,999,999	\$50,000,000 to \$99,999,999	\$100,000,000 or more
<b>Total.....</b>	<b>1 505</b>	<b>336</b>	<b>108</b>	<b>38</b>	<b>14</b>	<b>9</b>
Under \$10,000,000.....	50	50	—	—	—	—
\$10,000,000 to \$24,999,999.....	74	68	6	—	—	—
\$25,000,000 to \$49,999,999.....	75	57	14	4	—	—
\$50,000,000 to \$99,999,999.....	85	55	21	8	1	—
\$100,000,000 or more.....	221	106	67	26	13	9

— Represents zero. <sup>1</sup> Comprises 490 transactions, 7 involving 3 banks and 4 involving 4 banks.

Source: Treasury Dept., Comptroller of the Currency; unpublished data.



## No. 624. ALL BANKS—ASSETS AND LIABILITIES: 1950 TO 1966

[Money figures in millions of dollars. As of December 31. Includes Puerto Rico, American Samoa, Canal Zone, Guam, and Virgin Islands. Beginning 1964, includes asset and liability data for 14 branches of foreign banks licensed to do a deposit business in the State of New York. See *Historical Statistics, Colonial Times to 1957*, series X 20-41, for related but not comparable data]

ITEM	1950	1955	1960	1964	1965	1966
Number of banks <sup>1</sup> .....	14,693	14,284	13,999	14,281	14,324	14,291
<b>Assets</b> .....	<b>192,241</b>	<b>243,105</b>	<b>298,933</b>	<b>402,673</b>	<b>437,119</b>	<b>467,526</b>
Cash, balances with banks, and collection items.....	41,236	47,979	53,105	61,644	62,060	70,261
Currency and coin.....	2,343	2,873	3,513	4,736	5,056	5,660
Balances with banks, including reserve balances.....	29,208	31,741	31,259	33,863	34,427	36,006
Cash items in process of collection.....	9,685	13,365	18,334	23,045	22,577	28,595
Securities.....	88,005	91,064	94,017	113,283	115,617	115,956
U.S. Government obligations, direct and guaranteed.....	73,188	70,310	67,343	68,921	65,158	61,079
Obligations of States and subdivisions.....	8,249	13,395	18,281	33,985	39,050	41,366
Securities of Federal agencies and corporations (not guaranteed by U.S.).....	6,010	6,234	6,937	4,239	5,471	7,148
Other securities <sup>2</sup> .....	557	1,124	1,456	6,137	5,939	6,363
Loans and discounts, net.....	60,711	100,575	145,255	217,658	248,104	268,518
Real estate loans.....	21,925	38,461	55,741	84,532	94,293	101,717
Secured by farm land.....	1,012	1,355	1,701	2,691	2,963	3,191
Secured by residential properties.....	17,485	31,455	44,668	65,420	72,483	77,119
Secured by other properties.....	3,428	5,650	9,372	16,422	18,846	21,407
Loans to domestic commercial and foreign banks.....	<sup>3</sup> 90	<sup>3</sup> 574	<sup>3</sup> 971	<sup>3</sup> 3,510	2,173	2,224
Loans to other financial institutions.....	( <sup>4</sup> )	( <sup>4</sup> )	7,131	10,959	13,344	13,351
Federal funds sold (loaned).....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,103	2,544
Loans to brokers and dealers in securities.....	2,882	5,079	5,127	8,418	8,521	9,075
Loans to farmers.....	2,927	4,495	5,689	7,522	8,227	8,571
Commercial and industrial loans (incl. open-market paper).....	<sup>4</sup> 22,068	<sup>4</sup> 33,456	43,463	60,776	72,052	81,286
Other loans to individuals.....	<sup>4</sup> 10,243	<sup>4</sup> 17,403	26,781	40,521	46,354	48,979
All other loans, including overdrafts.....	1,504	2,591	2,941	5,206	5,284	5,268
Less valuation reserves.....	927	1,484	2,591	3,788	4,245	4,499
Bank premises, furniture and fixtures, and other real estate—net of mortgages and other items <sup>5</sup> .....	1,377	2,069	3,512	5,192	5,625	6,138
Customers' liability on acceptances outstanding.....	912	441	1,428	1,753	1,944	2,249
Other assets <sup>2</sup> .....		977	1,616	3,143	3,769	4,405
<b>Liabilities and capital accounts</b> .....	<b>192,241</b>	<b>243,105</b>	<b>298,932</b>	<b>402,673</b>	<b>437,119</b>	<b>467,526</b>
Deposits.....	176,120	221,392	266,885	357,565	386,541	410,480
Demand.....	118,794	142,564	156,823	180,538	185,700	193,583
Time.....	57,326	78,828	110,062	177,027	200,841	216,897
Business and personal.....	149,454	187,801	225,374	303,616	329,532	350,517
Individuals, partnerships, and corporations.....	146,516	183,878	220,754	297,610	323,519	343,425
Certified and officers checks, travelers checks, etc.....	2,938	3,923	4,620	6,006	6,013	7,092
Government.....	12,604	16,898	22,594	30,318	32,460	34,014
Domestic interbank and postal savings.....	12,264	13,824	15,806	16,982	17,541	18,569
Foreign government and bank.....	1,797	2,869	3,111	6,649	7,008	7,380
Miscellaneous liabilities.....	2,205	3,503	7,446	12,812	15,524	19,991
Capital accounts.....	13,916	18,210	24,603	32,295	35,055	37,054
Capital stock, notes and debentures.....	3,670	4,707	6,352	8,913	10,392	10,840
Surplus.....	6,854	9,327	12,510	16,097	16,825	17,491
Undivided profits.....	3,391	3,541	4,896	6,201	6,614	7,342
Reserves.....		635	845	1,084	1,224	1,381

<sup>1</sup> Includes 3 noninsured banks of deposit for which asset, liability, and capital accounts data are not available.

<sup>2</sup> Beginning 1965, corporate stocks other than Federal Reserve bank stock of National banks previously reported—added with "Other securities" now reported with "Other assets."

<sup>3</sup> "Federal funds sold" not available separately; mostly included with "Loans to domestic commercial and foreign banks."

<sup>4</sup> For 1950 and 1955, "Loans to other financial institutions" included in "Commercial and industrial loans" and "Other loans to individuals."

<sup>5</sup> Mortgages and other liens have not been deducted for 1950-1964; included with "Miscellaneous liabilities."

Source: Federal Deposit Insurance Corporation; *Annual Report*.

**No. 625. ALL BANKS—NUMBER AND PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANK: 1940 TO 1967**

[Money figures in millions of dollars. As of December 31, except as indicated. Prior to 1960, excludes all banks in Alaska (except for one Federal Reserve System member bank) and all banks in Hawaii. Banks added in 1959 had total assets of \$900 million on December 31, 1959. All banks comprise all commercial banks and all mutual savings banks. Commercial banks comprise all Federal Reserve System member banks (including one bank in the Virgin Islands that became a member on May 31, 1957) and all nonmember commercial banks. Stock savings banks and nondeposit trust companies are included with commercial banks. See *Historical Statistics, Colonial Times to 1957*, series X 20-41 and X 95-128, for related but not comparable data]

CLASS OF BANK AND YEAR	Num- ber of banks	Total assets— total liabilities and capital accounts <sup>1</sup>	SELECTED ASSETS				SELECTED LIABILITIES			
			Loans and investments			Cash assets <sup>2</sup>	Deposits			Capital ac- counts
			Total	Loans	U.S. Govt. obli- gations		De- mand	Time	Inter- bank <sup>2</sup>	
<b>All banks:</b>										
1940.....	14, 896	84, 976	54, 177	23, 756	20, 972	28, 090	38, 558	26, 503	10, 934	8, 302
1950.....	14, 650	191, 317	148, 021	60, 386	72, 894	41, 086	104, 745	56, 513	14, 039	13, 837
1955.....	14, 243	242, 008	190, 780	100, 057	70, 052	47, 803	126, 951	76, 844	16, 646	18, 112
1960.....	13, 986	298, 126	238, 623	144, 764	67, 242	53, 022	139, 357	107, 959	18, 880	24, 539
1962, Dec. 28.....	13, 940	343, 201	280, 397	172, 822	72, 563	54, 939	147, 923	139, 188	16, 543	28, 046
1963, Dec. 20.....	14, 079	362, 394	302, 251	192, 686	69, 068	51, 536	148, 310	155, 531	15, 795	29, 882
1964.....	14, 266	401, 161	329, 739	216, 674	68, 779	61, 493	161, 765	175, 785	18, 759	32, 196
1965.....	14, 309	435, 483	362, 320	246, 946	65, 016	61, 916	166, 379	199, 381	19, 435	34, 935
1966.....	14, 271	464, 376	381, 684	266, 022	60, 916	70, 085	172, 820	214, 078	20, 738	36, 926
1967, Mar. 29 <sup>3</sup> .....	14, 264	457, 800	387, 050	265, 860	62, 470	58, 500	157, 030	224, 410	17, 700	37, 380
<b>Commercial banks:</b>										
1940.....	14, 345	73, 001	43, 929	18, 800	17, 757	27, 124	38, 558	15, 844	10, 934	7, 010
1950.....	14, 121	168, 932	126, 675	52, 249	62, 027	40, 289	104, 723	36, 503	14, 039	11, 590
1955.....	13, 716	210, 734	160, 881	82, 601	61, 592	46, 838	126, 896	48, 715	16, 643	15, 300
1960.....	13, 472	257, 552	199, 509	117, 642	61, 003	52, 150	139, 324	71, 641	18, 878	20, 986
1962, Dec. 28.....	13, 429	297, 116	235, 839	140, 106	66, 434	54, 049	147, 879	99, 381	16, 543	24, 094
1963, Dec. 20.....	13, 570	312, 773	254, 162	156, 006	63, 196	50, 711	148, 263	111, 064	15, 793	25, 677
1964.....	13, 761	346, 921	277, 376	175, 589	62, 991	60, 489	161, 694	126, 720	18, 757	27, 795
1965.....	13, 804	377, 264	306, 060	201, 658	59, 547	60, 899	166, 305	146, 697	19, 434	30, 272
1966.....	13, 767	403, 368	322, 661	217, 726	56, 163	69, 119	172, 743	158, 806	20, 737	32, 054
1967, Mar. 29 <sup>3</sup> .....	13, 760	395, 100	326, 570	216, 750	57, 830	57, 360	156, 970	167, 730	17, 700	32, 470
<b>Mutual savings banks:</b>										
1940.....	551	11, 976	10, 248	4, 956	3, 215	966	—	10, 659	—	1, 292
1950.....	529	22, 385	21, 346	8, 137	10, 868	797	22	20, 009	—	2, 247
1955.....	527	31, 274	29, 898	17, 456	8, 460	965	55	28, 129	3	2, 812
1960.....	514	40, 574	39, 114	27, 122	6, 239	872	33	36, 318	1	3, 553
1962, Dec. 28.....	511	46, 086	44, 558	32, 716	6, 129	890	53	41, 478	1	3, 951
1963, Dec. 20.....	509	49, 621	48, 089	36, 679	5, 872	826	48	44, 467	1	4, 205
1964.....	505	54, 239	52, 363	41, 085	5, 788	1, 004	71	49, 065	2	4, 401
1965.....	505	58, 219	56, 260	45, 288	5, 470	1, 017	75	52, 686	—	4, 663
1966.....	504	61, 008	59, 023	48, 296	4, 753	966	77	55, 271	1	4, 871
1967, Mar. 29 <sup>3</sup> .....	504	62, 700	60, 480	49, 110	4, 640	1, 140	60	56, 680	—	4, 910
<b>Federal Reserve Sys- tem member banks:</b>										
1940.....	6, 486	62, 658	37, 126	15, 321	15, 823	23, 963	33, 829	12, 178	10, 423	5, 698
1950.....	6, 873	144, 660	107, 424	44, 705	52, 365	35, 524	90, 306	29, 336	13, 448	9, 695
1955.....	6, 543	179, 414	135, 360	70, 982	50, 697	41, 416	108, 727	39, 165	15, 865	12, 783
1960.....	6, 174	216, 577	165, 619	99, 933	49, 106	45, 756	117, 681	57, 272	18, 076	17, 398
1962, Dec. 28.....	6, 049	249, 488	195, 698	118, 637	52, 968	47, 427	124, 085	79, 716	15, 667	19, 854
1963, Dec. 20.....	6, 112	261, 469	210, 127	131, 712	49, 342	44, 395	123, 548	90, 929	14, 900	21, 054
1964.....	6, 225	289, 142	228, 497	147, 690	43, 717	52, 737	134, 377	103, 676	17, 670	22, 901
1965.....	6, 221	313, 384	251, 577	169, 800	44, 992	52, 814	137, 021	120, 202	18, 294	24, 926
1966.....	6, 150	334, 559	263, 687	182, 802	41, 924	60, 738	142, 650	128, 831	19, 582	26, 278
1967, Mar. 29 <sup>3</sup> .....	6, 129	327, 040	267, 086	181, 604	43, 545	50, 276	128, 953	136, 231	16, 719	26, 639

— Represents zero.

<sup>1</sup> Includes other assets and liabilities not shown separately.

<sup>2</sup> Excludes reciprocal balances, except for 1940. Reclassification of deposits of foreign central banks in May 1961 reduced interbank deposits by a total of \$1,900 million.

<sup>3</sup> Preliminary.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



## No. 626. ALL BANKS—ASSETS AND LIABILITIES, STATES AND OTHER AREAS: 1966

[Money figures in millions of dollars. As of June 30]

STATE OR OTHER AREA	Number of banks <sup>1</sup>	Total assets or liabilities	SELECTED ASSETS			SELECTED LIABILITIES			
			Loans and discounts, including overdrafts	U.S. Govt. and other securities <sup>2</sup>	Cash and balances with other banks	Capital, surplus, undivided profits and reserves	Deposits		
							Total	Demand	Time (incl. postal savings)
<b>Total</b> .....	14,328	447,788	261,014	113,320	61,152	36,197	394,326	182,949	211,378
<b>United States</b> .....	14,306	445,920	259,734	113,066	60,975	36,068	392,849	182,320	210,529
Alabama.....	263	3,715	1,781	1,275	593	310	3,343	2,023	1,320
Alaska.....	14	391	225	105	47	24	359	169	190
Arizona.....	17	2,442	1,529	531	286	199	2,185	1,061	1,124
Arkansas.....	244	2,237	1,108	685	404	187	2,026	1,234	792
California.....	197	41,314	24,997	9,150	5,581	2,976	36,434	15,108	21,326
Colorado.....	253	3,263	1,885	751	532	276	2,905	1,541	1,364
Connecticut.....	139	8,268	5,670	1,739	707	715	7,368	2,235	5,134
Delaware.....	22	1,374	720	411	217	128	1,211	662	549
Dist. of Columbia.....	15	2,542	1,389	671	435	194	2,285	1,425	860
Florida.....	444	8,630	3,994	3,010	1,365	695	7,715	4,370	3,345
Georgia.....	431	5,508	3,084	1,376	900	479	4,845	2,952	1,893
Hawaii.....	12	1,211	712	278	153	129	1,048	548	500
Idaho.....	25	974	586	239	125	74	882	488	394
Illinois.....	1,057	29,192	15,999	9,190	4,097	2,245	25,734	13,456	12,278
Indiana.....	425	8,184	4,051	2,763	1,232	602	7,323	4,004	3,318
Iowa.....	674	4,933	2,480	1,669	719	428	4,454	2,466	1,988
Kansas.....	598	3,739	1,841	1,318	530	349	3,353	2,072	1,281
Kentucky.....	348	3,682	1,840	1,184	598	335	3,301	2,048	1,253
Louisiana.....	219	4,872	2,310	1,612	861	412	4,372	2,794	1,577
Maine.....	76	1,723	1,061	501	130	159	1,518	437	1,081
Maryland.....	127	5,041	2,940	1,302	661	422	4,503	2,311	2,192
Massachusetts.....	340	18,461	11,993	4,489	1,613	1,662	16,133	5,263	10,870
Michigan.....	350	16,118	8,946	4,830	2,011	1,080	14,690	6,005	8,685
Minnesota.....	724	7,358	3,985	2,239	988	577	6,575	3,007	3,568
Mississippi.....	189	2,310	1,137	771	349	189	2,077	1,302	774
Missouri.....	660	9,261	4,764	2,848	1,479	833	8,193	4,902	3,291
Montana.....	132	1,226	660	370	168	91	1,108	575	533
Nebraska.....	437	2,538	1,367	693	430	239	2,262	1,457	805
Nevada.....	9	814	443	244	96	67	732	361	371
New Hampshire.....	106	1,698	1,199	359	113	156	1,494	328	1,166
New Jersey.....	254	13,944	8,106	4,049	1,521	1,046	12,503	5,195	7,309
New Mexico.....	64	1,052	568	304	154	83	946	559	386
New York <sup>3</sup> .....	470	115,524	74,942	20,635	15,772	9,354	99,096	40,312	58,784
North Carolina.....	142	5,146	2,933	1,249	827	437	4,486	2,605	1,881
North Dakota.....	169	1,190	532	517	117	103	1,071	529	542
Ohio.....	541	17,761	9,737	5,317	2,404	1,463	15,866	7,522	8,343
Oklahoma.....	421	4,169	2,079	1,267	745	392	3,682	2,316	1,367
Oregon.....	53	3,319	1,934	816	441	238	2,974	1,319	1,656
Pennsylvania.....	569	27,193	15,741	7,494	3,353	2,329	23,890	10,145	13,745
Rhode Island.....	18	2,547	1,603	557	148	181	2,105	582	1,523
South Carolina.....	129	1,689	876	480	294	151	1,486	1,116	370
South Dakota.....	169	1,162	600	405	133	93	1,055	542	513
Tennessee.....	300	5,684	3,007	1,582	984	454	5,098	2,854	2,244
Texas.....	1,146	19,614	10,211	5,182	3,638	1,661	17,422	10,412	7,010
Utah.....	56	1,544	901	375	234	119	1,378	602	777
Vermont.....	54	868	607	191	56	66	783	198	586
Virginia.....	259	5,700	3,355	1,489	739	472	5,078	2,471	2,607
Washington.....	103	5,130	3,075	1,194	718	389	4,635	2,179	2,456
West Virginia.....	187	2,107	946	817	300	205	1,866	1,035	830
Wisconsin.....	586	7,163	3,764	2,371	883	546	6,470	2,961	3,510
Wyoming.....	69	697	321	170	91	53	531	263	268
Puerto Rico <sup>4</sup> .....	14	1,680	1,181	242	158	124	1,301	545	756
Canal Zone <sup>5</sup> .....	-	30	5	-	2	-	30	18	12
Virgin Islands <sup>6</sup> .....	7	96	59	11	5	3	90	35	55
Pacific Islands <sup>7</sup> .....	1	63	36	1	11	2	57	31	26

- Represents zero.

<sup>1</sup> Includes 8 noninsured banks of deposit for which data are not available.<sup>2</sup> Excludes corporate stocks, other than Federal Reserve bank stock of national banks.<sup>3</sup> Includes data for 6 insured branches operated by 2 insured banks in Puerto Rico and 17 branches of foreign banks licensed to do a deposit business in the State of New York.<sup>4</sup> Includes data for 16 insured branches operated by 2 insured banks in New York.<sup>5</sup> Consists of data for 2 noninsured branches operated by 2 insured banks in New York.<sup>6</sup> Includes data for 5 insured branches operated by an insured bank in New York.<sup>7</sup> Includes American Samoa, Guam, Midway Islands, Wake Island, and Trust Territories.Source: Federal Deposit Insurance Corporation; *Annual Report*.



# No. 627. FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—INCOME, EXPENSES, AND DIVIDENDS: 1940 TO 1966

[Money figures in millions of dollars; ratios in percentages. Prior to 1960, excludes all member banks in Alaska (except for one bank in 1955) and Hawaii; beginning 1960, includes one member bank in the Virgin Islands]

ITEM	1940	1945	1950	1955	1960	1965	1966
Number of banks.....	6,486	6,884	6,873	6,543	6,174	6,221	6,150
Current revenue.....	1,323	2,102	3,265	5,343	8,928	13,842	16,072
Interest earned.....	1,027	1,708	2,663	4,436	7,522	11,893	13,856
Expenses <sup>1</sup> .....	921	1,263	2,020	3,265	5,655	10,206	11,941
Interest paid.....	148	185	275	565	1,518	4,398	5,507
Salaries and wages.....	400	580	1,000	1,571	2,289	3,024	3,290
Net current earnings <sup>1</sup> .....	402	835	1,245	2,077	3,273	3,635	4,130
Net income before related taxes.....	(1)	1,058	1,150	1,676	2,929	2,983	3,084
Taxes on net income.....		270	369	691	1,241	880	876
Net income.....		788	781	985	1,689	2,103	2,209
Cash dividends declared.....	211	246	346	501	735	1,058	1,145
Capital accounts <sup>2</sup> .....	5,597	7,243	9,455	12,499	16,710	24,050	25,627
Ratios to average capital accounts:							
Net current earnings <sup>1</sup> .....	7.2	11.5	13.2	16.6	19.6	15.1	16.1
Net income.....	6.2	10.9	8.3	7.9	10.1	8.7	8.6
Cash dividends declared.....	3.8	3.4	3.7	4.0	4.4	4.4	4.5
Ratios to average total assets:							
Total current revenue.....	2.3	1.7	2.4	3.1	4.4	4.6	5.0
Net current earnings <sup>1</sup> .....	0.7	0.7	0.9	1.2	1.6	1.2	1.3

<sup>1</sup> Prior to 1945, taxes on net income included in expenses.

<sup>2</sup> Prior to 1950, averages of amounts reported for every call date in year and final call date in preceding year; 1950 and 1955, averages of amounts reported for call dates at beginning, middle, and end of year were used, plus the last-Wednesday-of-the-month figures for the 10 intervening months; 1960, averages of amounts reported for first 3 call dates in year and final call date in preceding year; 1965 and 1966, final call used in place of third call.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 628. FEDERAL RESERVE SYSTEM—MEMBER BANK RESERVE REQUIREMENTS: 1951 TO 1967

[Percent of deposits. See also *Historical Statistics, Colonial Times to 1957*, series X 262-265]

EFFECTIVE DATE OF CHANGE <sup>1</sup>	NET DEMAND DEPOSITS <sup>2</sup>			Time deposits (all member banks)	EFFECTIVE DATE OF CHANGE <sup>1</sup>	NET DEMAND DEPOSITS <sup>2</sup>			Time deposits (all member banks)
	Central reserve city banks	Reserve city banks	Country banks			Central reserve city banks	Reserve city banks	Country banks	
1951—January 11, 16.....	23	19	13	6	1960—September 1-16.....	17½	16½	11	5
January 25, February 1.....	24	20	14	6	November 24.....	17½	16½	12	5
1953—July 9, 1.....	22	19	13	6	December 1.....	16½	16½	12	5
1954—June 24, 16.....	21	19	13	5	1962—October 25, November 1.....	(3)	16½	12	4
July 29, August 1.....	20	18	12	5	1966—July 14, 21.....	(3)	16½	12	(4)
1958—February 27, March 1.....	19½	17½	11½	5	September 8, 15.....	(3)	16½	12	(5)
March 20, April 1.....	19	17	11	5	In effect May 31, 1967.....	(3)	16½	12	(5)
April 17.....	18½	17	11	5					
April 24.....	18	16½	11	5					

<sup>1</sup> When two dates are shown, the first applies to the change at central reserve and reserve city banks and the second to the change at country banks.

<sup>2</sup> Demand deposits subject to reserve requirements are gross demand deposits minus cash items in process of collection and demand balances due from domestic banks.

<sup>3</sup> Board of Governors authority to classify or reclassify cities as central reserve cities was terminated July 1962.

<sup>4</sup> On savings deposits, 4 percent; on other time deposits up to \$5 million, 4 percent; on other time deposits in excess of \$5 million, 5 percent July 14 and 21, and 6 percent Sept. 8 and 15.

<sup>5</sup> On savings deposits, on time deposits such as Christmas and vacation club accounts, and on other time deposits up to \$5 million, 3½ percent Mar. 2 and 3 percent Mar. 16. Other time deposits over \$5 million remained 6 percent.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

**No. 629. COMMERCIAL BANKS—NUMBER, BANKING OFFICES, ASSETS, AND DEPOSITS, BY CLASS OF BANK: 1965 AND 1966**

[Money figures in billions of dollars. As of December 31]

CLASS OF BANK	BANKS		BANKING OFFICES		ASSETS		DEMAND DEPOSITS		TIME DEPOSITS	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
<b>All banks</b> -----	13,804	13,767	29,560	30,678	377.3	404.6	184.7	192.5	147.7	161.0
National-----	4,815	4,799	13,779	14,410	219.7	236.0	107.9	112.4	86.0	94.1
State member-----	1,406	1,351	4,740	4,868	93.6	99.5	46.6	49.1	35.1	36.5
Insured nonmember-----	7,320	7,384	10,724	11,102	60.7	65.9	28.8	29.7	26.0	29.7
Noninsured-----	263	233	317	298	3.2	3.2	1.4	1.4	.7	.7

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

**No. 630. ALL COMMERCIAL BANKS—LOANS AND INVESTMENTS, BY CLASS: 1947 TO 1966**

[Money figures in millions of dollars. As of December 31, except 1963 as of December 20. Prior to 1960, excludes Alaska and Hawaii. Beginning 1960, based on new loan classification. See *Historical Statistics, Colonial Times to 1957*, series X 97-105, for data as of June 30]

ITEM	1947	1955	1960	1963	1964	1965	1966
Number of banks-----	14,181	13,716	13,472	13,570	13,761	13,804	13,767
<b>Loans and investments</b> -----	116,284	160,881	199,509	254,162	277,376	306,060	323,885
Federal funds sold (loaned)-----	(NA)	(NA)	(NA)	(NA)	(NA)	2,103	2,544
<b>Loans</b> <sup>1</sup> -----	38,057	82,601	117,642	156,006	175,589	199,555	216,405
Commercial, including open market paper-----	18,167	33,245	43,125	52,947	60,217	71,437	80,598
Agricultural <sup>2</sup> -----	1,660	4,475	5,676	7,470	7,505	8,212	8,555
For purchasing or carrying securities-----	2,050	5,037	5,117	7,862	8,385	8,489	9,023
Loans to financial institutions-----	115	574	8,071	13,084	14,404	15,450	15,491
Real estate-----	9,393	20,809	28,713	39,056	43,675	49,300	53,950
Other loans to individuals-----	5,723	17,185	26,396	34,550	39,809	45,468	47,943
Other-----	947	2,543	2,901	4,034	5,152	5,215	5,183
<b>Investments</b> -----	78,226	78,280	81,867	98,155	101,787	104,402	104,936
U.S. Government obligations-----	69,221	61,592	61,003	63,196	62,991	59,547	56,163
Bills-----	2,193	4,219	8,072	11,059	13,377	(NA)	(NA)
Certificates of indebtedness-----	7,789	2,318	2,920	1,658	-	(NA)	(NA)
Notes-----	6,034	14,034	19,013	22,415	19,039	(NA)	(NA)
Bonds-----	53,205	41,021	30,998	28,065	30,574	(NA)	(NA)
Obligations of States and political subdivisions-----	5,276	12,698	17,570	29,786	33,533	38,655	41,003
Other securities-----	3,729	3,990	3,294	5,173	5,263	6,201	7,769

- Represents zero. NA Not available.

<sup>1</sup> Beginning 1955, detailed loan items are shown gross (before deduction of valuation reserves). Total loans are shown net for all years.

<sup>2</sup> Beginning June 30, 1966, loans to farmers directly guaranteed by CCC were reclassified as "Other securities," and Export-Import Bank portfolio fund participations were reclassified from loans to "Other securities." This increased "Other securities" by about \$1 billion.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 631. CHANGES IN COMMERCIAL BANKING STRUCTURE: 1953 TO 1966

[Minus sign (—) denotes decrease]

CHANGE	1953 to 1966	1953 and 1954	1955 and 1956	1957 and 1958	1959 and 1960	1961 and 1962	1963 and 1964	1965 and 1966
<b>ALL COMMERCIAL BANKS</b>								
Number of banks, beginning of period.....	14, 073	14, 073	13, 868	13, 667	13, 527	13, 471	13, 426	13, 760
New banks organized.....	2, 067	139	239	186	254	298	634	317
Mergers and absorptions.....	2, 239	321	421	308	293	321	284	286
Voluntary liquidations and suspensions.....	132	23	19	18	12	22	16	22
Number of banks, end of period.....	13, 769	13, 868	13, 667	13, 527	13, 471	13, 426	13, 760	13, 769
Net change.....	—304	—205	—201	—140	—56	—45	334	9
<b>STATES WITH STATEWIDE BRANCH BANKING <sup>1</sup></b>								
Number of banks, beginning of period.....	1, 305	1, 305	1, 225	1, 131	1, 063	1, 007	975	1, 041
New banks organized.....	338	29	34	24	32	47	130	42
Mergers and absorptions.....	618	107	124	91	88	79	63	66
Voluntary liquidations and suspensions.....	9	2	4	1	—	—	1	1
Number of banks, end of period.....	1, 016	1, 225	1, 131	1, 063	1, 007	975	1, 041	1, 016
Net change.....	—289	—80	—94	—68	—56	—32	66	—25
<b>STATES WITH LIMITED BRANCH BANKING <sup>2</sup></b>								
Number of banks, beginning of period.....	5, 705	5, 705	5, 541	5, 328	5, 173	5, 038	4, 879	4, 795
New banks organized.....	478	36	61	45	53	65	124	94
Mergers and absorptions.....	1, 447	191	270	191	187	216	203	189
Voluntary liquidations and suspensions.....	46	9	4	9	1	8	5	10
Number of banks, end of period.....	4, 690	5, 541	5, 328	5, 173	5, 038	4, 879	4, 795	4, 690
Net change.....	—1, 015	—164	—213	—155	—135	—159	—84	—105
<b>STATES WITH UNIT BANKING <sup>3</sup></b>								
Number of banks, beginning of period.....	7, 063	7, 063	7, 102	7, 208	7, 291	7, 426	7, 572	7, 924
New banks organized.....	1, 251	74	144	117	169	186	380	181
Mergers and absorptions.....	174	23	27	26	23	26	18	31
Voluntary liquidations and suspensions.....	77	12	11	8	11	14	10	11
Number of banks, end of period.....	8, 063	7, 102	7, 208	7, 291	7, 426	7, 572	7, 924	8, 063
Net change.....	1, 000	39	106	83	135	146	352	139

— Represents zero.

<sup>1</sup> Alaska, Arizona, California, Connecticut, Delaware, Hawaii, Idaho, Maryland, Nevada, North Carolina, Oregon, Rhode Island, South Carolina, Utah, Vermont, Washington, and District of Columbia.<sup>2</sup> Limited usually to county where bank's head office is located or to contiguous counties: Alabama, Georgia, Indiana, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Mississippi, New Jersey, New Mexico, New York, Ohio, Pennsylvania, Tennessee, and Virginia.<sup>3</sup> Branch banking strictly limited or prohibited: Arkansas, Colorado, Florida, Illinois, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Oklahoma, South Dakota, Texas, West Virginia, Wisconsin, and Wyoming.Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 632. POSTAL SAVINGS BUSINESS—SUMMARY: 1950 TO 1966

[As of June 30 each fiscal year. Includes Puerto Rico, Guam, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series X 240-244]

ITEM	1950	1955	1960	1963	1964	1965	1966
Depositories in operation.....	8, 235	7, 750	5, 923	4, 250	3, 466	3, 130	2, 791
Offices.....	7, 215	6, 708	5, 189	3, 696	2, 993	2, 685	2, 350
Branches and stations.....	1, 020	1, 042	734	554	473	445	441
Deposits.....\$1,000	1, 827, 913	1, 140, 503	145, 082	76, 442	63, 155	50, 428	32, 750
Withdrawals.....\$1,000	2, 007, 999	1, 383, 926	350, 475	174, 752	131, 945	122, 159	176, 688
Balance to credit of depositors <sup>1</sup>							
\$1,000.....	3, 097, 316	2, 007, 996	838, 060	484, 756	415, 965	344, 234	200, 296
Number of depositors <sup>1</sup> .....	3, 779, 784	2, 711, 110	1, 550, 930	1, 164, 634	1, 076, 225	997, 029	803, 130
Average principal per depositor.....	\$819	\$741	\$540	\$416	\$387	\$290	\$249
Balance on deposit in banks..\$1,000.....	9, 507	30, 831	19, 138	17, 395	17, 372	17, 644	17, 119

<sup>1</sup> Includes accounts shown on balance sheet as unclaimed.Source: Post Office Dept., Office of the Postmaster General; annual report, *Report of Operations of the Postal Savings System, 1966*.



# No. 633. NUMBER AND DEPOSITS OF ALL OPERATING BANKS—STATES AND OTHER AREAS: 1965 AND 1966

[Deposits in millions of dollars. "Other areas" comprises Puerto Rico, American Samoa, Canal Zone, Mariana Islands, Marshall Islands, Midway Islands, and Virgin Islands]

STATE OR OTHER AREA	December 1965				June 1966							
	Number		Deposits		Number				Deposits			
	Com- mer- cial and stock savings banks <sup>1</sup>	Mut- ual savings banks	Com- mer- cial and stock savings banks <sup>1</sup>	Mut- ual savings banks	Commercial and stock savings banks <sup>1</sup>		Mutual sav- ings banks		Commercial and stock savings banks <sup>1</sup>		Mutual sav- ings banks	
					Total	In- sured	Total	In- sured	Total	In- sured	Total	In- sured
<b>Total.....</b>	<b>13,818</b>	<b>506</b>	<b>333,779</b>	<b>52,761</b>	<b>13,821</b>	<b>13,559</b>	<b>507</b>	<b>332</b>	<b>340,597</b>	<b>338,406</b>	<b>53,723</b>	<b>46,682</b>
Ala.....	263	-	3,236	-	263	263	-	-	3,343	3,343	-	-
Alaska.....	12	2	338	17	12	10	2	2	337	332	21	21
Ariz.....	18	-	2,105	-	17	16	-	-	2,185	2,178	-	-
Ark.....	246	-	2,046	-	244	241	-	-	2,026	2,024	-	-
Calif.....	199	-	35,341	-	197	191	-	-	36,434	36,434	-	-
Colo.....	250	-	2,898	-	253	212	-	-	2,905	2,881	-	-
Conn.....	68	71	3,393	3,708	68	64	71	71	3,575	3,559	3,794	3,794
Del.....	20	2	971	236	20	20	2	2	968	968	243	243
D.C.....	15	-	2,281	-	15	15	-	-	2,285	2,285	-	-
Fla.....	443	-	7,710	-	444	441	-	-	7,715	7,691	-	-
Ga.....	429	-	4,613	-	431	392	-	-	4,845	4,832	-	-
Hawaii.....	12	-	1,007	-	12	7	-	-	1,048	1,031	-	-
Idaho.....	25	-	897	-	25	25	-	-	882	882	-	-
Ill.....	1,051	-	25,510	-	1,057	1,050	-	-	25,734	25,680	-	-
Ind.....	422	4	6,924	75	421	417	4	4	7,244	7,242	78	78
Iowa.....	673	-	4,502	-	674	661	-	-	4,454	4,432	-	-
Kans.....	599	-	3,368	-	598	597	-	-	3,353	3,352	-	-
Ky.....	346	-	3,450	-	348	342	-	-	3,301	3,290	-	-
La.....	214	-	4,340	-	219	218	-	-	4,372	4,371	-	-
Maine.....	44	32	846	620	44	41	32	28	871	869	647	614
Md.....	122	6	3,626	723	121	120	6	6	3,760	3,602	743	743
Mass.....	161	179	7,229	8,474	161	156	179	8	7,426	7,336	8,707	1,694
Mich.....	354	-	14,128	-	350	348	-	-	14,690	14,666	-	-
Minn.....	722	1	6,050	468	723	719	1	1	6,102	6,099	472	472
Miss.....	196	-	2,060	-	189	189	-	-	2,077	2,077	-	-
Mo.....	655	-	8,416	-	660	651	-	-	8,193	8,182	-	-
Mont.....	131	-	1,118	-	132	131	-	-	1,108	1,108	-	-
Nebr.....	436	-	2,281	-	437	431	-	-	2,262	2,262	-	-
Nev.....	9	-	698	-	9	9	-	-	732	732	-	-
N.H.....	74	32	586	846	74	71	32	32	616	603	879	879
N.J.....	233	21	10,002	2,047	233	230	21	21	10,380	10,378	2,124	2,124
N. Mex.....	64	-	945	-	64	64	-	-	946	946	-	-
N.Y.....	344	126	65,171	30,608	344	316	126	126	68,040	66,870	31,050	31,055
N.C.....	146	-	4,484	-	142	141	-	-	4,486	4,449	-	-
N. Dak.....	169	-	1,059	-	169	164	-	-	1,071	949	-	-
Ohio.....	542	1	15,721	2	540	539	1	1	15,863	15,862	2	2
Okla.....	421	-	3,799	-	421	420	-	-	3,682	3,682	-	-
Oreg.....	51	1	2,965	67	52	49	1	1	2,905	2,892	69	69
Pa.....	571	7	19,953	3,202	562	552	7	7	20,714	20,684	3,176	3,176
R.I.....	11	7	1,258	809	11	9	7	7	1,272	1,225	833	833
S.C.....	129	-	1,469	-	129	125	-	-	1,486	1,482	-	-
S. Dak.....	170	-	1,059	-	169	168	-	-	1,055	1,054	-	-
Tenn.....	298	-	5,061	-	300	296	-	-	5,098	5,088	-	-
Tex.....	1,142	-	17,876	-	1,146	1,135	-	-	17,422	17,395	-	-
Utah.....	56	-	1,418	-	56	56	-	-	1,378	1,378	-	-
Vt.....	48	6	570	196	48	47	6	6	581	581	203	203
Va.....	262	-	5,063	-	259	259	-	-	5,078	5,078	-	-
Wash.....	100	4	3,825	632	99	98	4	4	3,986	3,953	649	649
W. Va.....	187	-	1,804	-	187	186	-	-	1,866	1,856	-	-
Wis.....	581	3	6,378	31	583	580	3	3	6,439	6,438	31	31
Wyo.....	69	-	554	-	69	69	-	-	531	531	-	-
Other areas....	15	1	1,374	1	20	8	2	2	1,475	1,292	2	2

- Represents zero. <sup>1</sup> Includes nondeposit trust companies.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 634. DEPOSIT INSURANCE—INSURED BANKS REQUIRING DISBURSEMENTS TO PROTECT DEPOSITORS: 1934 TO 1966

[See also *Historical Statistics, Colonial Times to 1957*, series X 180-191]

CLASSIFICATION AND YEAR	NUMBER OF BANKS			Depositors <sup>2</sup> (1,000)	DEPOSITS <sup>2</sup> (mil. dol.)			DISBURSEMENTS BY FDIC <sup>3</sup> (mil. dol.)		
	Total	Deposit pay-off cases	Deposit assump- tion cases <sup>1</sup>		Total	Payoff cases	Assump- tion cases <sup>1</sup>	Total	Deposit payoff cases <sup>4</sup>	Deposit assump- tion cases <sup>1</sup>
<b>All banks, cumulative, 1934 to 1966</b> .....	466	276	190	1,628	804.3	234.9	569.4	419.1	158.4	260.7
National banks.....	84	29	55	331	179.3	76.8	102.5	82.6	36.0	46.6
State member banks <sup>5</sup> .....	24	8	16	373	190.5	29.4	161.1	122.7	23.2	99.5
Nonmember banks <sup>5</sup> .....	358	239	119	924	434.4	128.7	305.7	213.8	99.2	114.6
<b>Banks with deposits of—</b>										
\$100,000 or less.....	107	83	24	38	6.4	4.9	1.5	5.2	4.4	.8
\$100,000 to \$249,000.....	109	86	23	83	17.8	13.9	3.8	13.3	11.8	1.5
\$250,000 to \$499,000.....	61	37	24	91	21.9	12.9	9.0	15.8	10.7	5.1
\$500,000 to \$999,000.....	71	34	37	161	55.2	27.2	28.0	38.7	20.7	18.0
\$1,000,000 to \$1,999,000.....	52	17	35	211	74.0	22.2	51.8	44.9	17.4	27.5
\$2,000,000 to \$4,999,000.....	38	11	27	253	117.9	36.6	81.3	67.4	25.1	42.3
\$5,000,000 to \$9,999,000.....	16	4	12	223	105.2	27.7	77.5	50.0	18.2	31.8
\$10,000,000 to \$24,999,000.....	6	3	3	198	113.3	49.3	64.1	65.2	39.7	25.5
\$25,000,000 to \$50,000,000.....	5	1	4	285	199.6	40.2	159.4	108.5	10.1	98.4
Over \$50,000,000.....	1	—	1	83	93.0	—	93.0	10.1	.1	10.0
<b>Year:<sup>6</sup></b>										
1950.....	4	—	4	6	5.5	—	5.5	4.5	—	4.5
1955.....	5	4	1	18	12.0	6.5	5.5	7.5	4.5	3.0
1960.....	1	1	—	11	6.9	6.9	—	4.8	4.8	—
1963 <sup>7</sup> .....	2	2	—	36	23.3	23.3	—	19.5	19.5	—
1964.....	7	7	—	20	23.3	23.3	—	14.3	14.3	—
1965.....	5	3	2	16	43.8	42.9	1.0	12.0	11.4	.6
1966.....	7	1	6	95	102.6	.8	101.8	15.4	.8	14.6

— Represents zero.

<sup>1</sup> Banks in financial difficulties with deposits assumed by other insured banks, with financial aid of FDIC.

<sup>2</sup> Adjusted to Dec. 31, 1966.

<sup>3</sup> Includes principal disbursements in all cases; in deposit payoff cases also includes field payoff expenses and other insurance expenses; in deposit assumption cases includes advances for asset protection, liquidation expenses, and other insurance expense. Not chargeable to liquidation.

<sup>4</sup> Includes estimated additional disbursements in active cases.

<sup>5</sup> For definition of "member," see headnote, table 635.

<sup>6</sup> Disbursement totals for each year relate to cases occurring during that year and may thus contain some amounts disbursed in subsequent years for such cases.

<sup>7</sup> No cases requiring disbursements by FDIC originated in 1962.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

# No. 635. BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS: 1930 TO 1966

[Prior to 1959, excludes Alaska and Hawaii. Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by directors of bank. "Member" refers to membership in Federal Reserve System. All national banks are Federal Reserve System members; all Federal Reserve System members are insured. See also *Historical Statistics, Colonial Times to 1957*, series X 165-178]

YEAR OR PERIOD	NUMBER OF BANKS					DEPOSITS (\$1,000)				
	Total	National	State member	State and private nonmember		Total	National	State member	State and private nonmember	
				Nonin- sured	In- sured <sup>1</sup>				Nonin- sured	In- sured <sup>1</sup>
1930.....	1,352	161	27	1,164	(X)	853,363	170,446	202,399	480,518	(X)
1931.....	2,294	409	107	1,778	(X)	1,690,669	439,171	293,957	957,541	(X)
1932.....	1,456	276	55	1,125	(X)	715,626	214,150	55,153	446,323	(X)
1933.....	4,004	1,101	174	2,729	(X)	3,598,975	1,610,549	783,399	1,205,027	(X)
1934-1940.....	313	16	6	84	207	131,934	14,872	26,548	40,825	49,689
1941-1946.....	22	6	—	4	12	12,056	8,126	—	406	3,524
1947-1950.....	6	—	—	6	—	2,652	—	—	2,652	—
1951-1955.....	17	2	1	7	7	58,317	4,606	19,478	5,198	29,035
1956-1960.....	19	3	1	8	7	41,072	18,397	1,163	5,021	16,491
1961-1965.....	28	5	1	11	11	98,863	48,289	1,650	5,709	43,215
1964.....	8	1	—	1	6	22,022	3,419	—	429	18,174
1965.....	7	2	—	4	1	44,857	41,952	—	2,471	434
1966.....	1	—	—	—	1	699	—	—	—	699

— Represents zero. X Not applicable.

<sup>1</sup> Deposit insurance by Federal Deposit Insurance Corporation; became operative Jan. 1, 1934.

Source: Board of Governors of the Federal Reserve System; unpublished data.



### No. 636. FARM CREDIT—LOANS AND DISCOUNTS NOT SECURED BY FARM MORTGAGES, BY TYPE OF LENDER: 1950 TO 1966

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 173-177]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
Commercial banks:								
Agricultural loans outstanding, Jan. 1 <sup>1</sup>	3,052	4,660	5,019	6,250	7,099	7,473	7,507	8,214
Federal intermediate credit banks: <sup>2</sup>								
Loans and discounts made during year <sup>3</sup>	286	217	222	264	278	269	286	346
Loans and discounts outstanding, Jan. 1	99	87	90	99	110	126	125	140
Banks for cooperatives: <sup>4</sup>								
Loans made during year	399	517	669	905	999	1,146	1,297	1,664
Loans outstanding, Jan. 1	301	360	614	688	724	831	944	1,042
Production credit associations:								
Loans made during year <sup>5</sup>	1,066	1,373	2,594	3,197	3,528	3,688	4,118	4,785
Loans outstanding, Jan. 1 <sup>5</sup>	387	577	1,361	1,640	1,839	2,105	2,278	2,579
Farmers Home Administration: <sup>6</sup>								
Loans made during year	124	205	240	338	348	363	442	447
Loans outstanding, Jan. 1	355	427	408	511	576	628	692	793
Rural Electrification Administration: <sup>6 7</sup>								
Loans made during year <sup>8</sup>	272	196	293	299	336	338	393	359
Loans outstanding, Jan. 1 <sup>9</sup>	1,300	2,207	3,054	3,406	3,548	3,895	3,895	4,124
Commodity Credit Corporation:								
Loans outstanding, Jan. 1: <sup>10</sup>								
To farmers	717	475	965	932	935	1,105	1,026	1,394
To cooperatives	222	144	558	606	743	1,032	1,281	1,204

<sup>1</sup> All operating banks. Includes loans guaranteed by Commodity Credit Corporation and certificates of interest in pool of CCC loans excepting certificates based on pooled loans to cooperatives.

<sup>2</sup> Excludes loans to production credit associations.

<sup>3</sup> Includes renewals.

<sup>4</sup> Includes loans guaranteed by Commodity Credit Corporation and all loans made by banks for cooperatives whether or not discounted with FICB.

<sup>5</sup> Excludes loans guaranteed by Commodity Credit Corporation and loans of associations in liquidation.

<sup>6</sup> Includes loans to cooperatives. <sup>7</sup> Electrification and telephone loans.

<sup>8</sup> Net advances after deducting unused loan funds.

<sup>9</sup> Cumulative net advances minus principal repayments.

<sup>10</sup> Excludes loans guaranteed by Commodity Credit Corporation that are held by banks and other lending institutions. Includes loans to farmers for storage facilities and equipment.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*.

### No. 637. FARM CREDIT—FARM MORTGAGE LOANS HELD BY PRINCIPAL LENDER GROUPS AND INTEREST PAYABLE: 1950 TO 1966

[In millions of dollars, except as indicated. Prior to 1960, excludes loans in Alaska and Hawaii; thereafter, includes loans for all lenders except individuals and others for whom data are not available. See also *Historical Statistics, Colonial Times to 1957*, series K 162-172]

ITEM	1950	1955	1960	1964	1965	1966
Total debt outstanding, Jan. 1	5,579	8,245	12,082	16,804	18,894	21,187
Federal land banks and Federal Farm Mortgage Corporation <sup>1 2</sup>	965	1,280	2,335	3,282	3,687	4,240
Life insurance companies <sup>2</sup>	1,172	2,052	2,820	3,781	4,288	4,802
Commercial and savings banks	937	1,210	1,631	2,360	2,668	2,939
Farmers Home Administration	193	287	439	605	619	631
Individuals and others	2,312	3,416	4,857	6,776	7,632	8,575
INTEREST PAYABLE						
Interest rates on—						
Mortgage loans recorded <sup>3</sup> percent	(NA)	4.9	(NA)	(NA)	5.6	(NA)
Mortgage loans outstanding, Jan. 1 <sup>4</sup> percent	4.5	4.7	5.0	5.3	5.4	5.4
Interest charges <sup>5</sup>	264	402	627	951	1,075	<sup>6</sup> 1,214
Index of interest charges per acre (1910-14=100)	88	136	220	333	377	<sup>6</sup> 425

NA Not available.

<sup>1</sup> On June 30, 1955, loans of the Federal Farm Mortgage Corporation were sold to the 12 Federal land banks.

<sup>2</sup> Includes purchase-money mortgages and sales contracts in addition to regular mortgages except, beginning 1965, loans of life insurance companies exclude sales contracts.

<sup>3</sup> Average of mortgages recorded first quarter.

<sup>4</sup> Average contract rates.

<sup>5</sup> Payable during calendar year on outstanding loans.

<sup>6</sup> Preliminary.

Source: Dept. of Agriculture, Economic Research Service; *Agricultural Finance Review*, and releases.



## No. 638. FARM CREDIT SYSTEM—LOANS AND DISCOUNTS: 1950 TO 1966

[In millions of dollars. Includes Puerto Rico. Prior to 1960, excludes Alaska, and 1964, Hawaii. Data for lending institutions supervised by the Farm Credit Administration]

YEAR	Net total <sup>1</sup>	Federal land banks	FEDERAL INTERMEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR—		Banks for cooperatives	Production credit associations
			Production credit associations	Other financing institutions <sup>2</sup>		
<b>Made during year—</b>						
1950.....	1,868	206	1,443	184	402	1,076
1955.....	2,574	488	1,792	172	528	1,386
1960.....	4,025	504	3,136	229	685	2,607
1964.....	6,145	998	4,469	276	1,166	3,705
1965.....	6,982	1,235	4,980	295	1,316	4,136
1966.....	8,166	1,337	5,865	351	1,665	4,813
<b>Outstanding Dec. 31—</b>						
1950.....	1,817	946	485	70	345	456
1955.....	2,592	1,497	622	71	371	653
1960.....	4,795	2,564	1,409	92	649	1,490
1964.....	7,104	3,718	2,115	132	958	2,296
1965.....	8,080	4,281	2,370	146	1,055	2,598
1966.....	9,452	4,958	2,761	163	1,290	3,042

<sup>1</sup> Excludes interagency loans; that is, Federal intermediate credit bank loans to, and discounts for, production credit associations and banks for cooperatives.

<sup>2</sup> Includes Federal intermediate credit bank direct loans to cooperative associations.

Source: Farm Credit Administration; annual report, *Loans and Discounts of Farm Credit Banks and Associations*.

## No. 639. MORTGAGE LOANS HELD BY BANKS: 1950 TO 1966

[In millions of dollars. Includes Puerto Rico and outlying areas. See *Historical Statistics, Colonial Times to 1957*, series N 154-155, for nonfarm residential holdings]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
<b>Commercial bank holdings <sup>1</sup>.....</b>	<b>13,664</b>	<b>21,004</b>	<b>28,806</b>	<b>34,476</b>	<b>39,414</b>	<b>43,976</b>	<b>49,675</b>	<b>54,380</b>
Nonfarm residential.....	10,431	15,888	20,362	23,482	26,476	28,933	32,387	34,876
FHA-insured.....	(NA)	4,560	5,851	6,520	7,105	7,315	7,702	7,544
VA-guaranteed.....	(NA)	3,711	2,859	2,654	2,862	2,742	2,688	2,599
Conventional.....	(NA)	7,617	11,652	14,308	16,509	18,876	21,997	24,733
Other nonfarm.....	2,264	3,819	6,796	8,972	10,611	12,405	14,377	16,366
Farm.....	968	1,297	1,648	2,022	2,327	2,638	2,911	3,138
<b>Mutual savings bank holdings.....</b>	<b>8,262</b>	<b>17,457</b>	<b>26,935</b>	<b>32,320</b>	<b>36,224</b>	<b>40,556</b>	<b>44,617</b>	<b>47,337</b>
Nonfarm residential.....	7,054	15,568	24,306	29,181	32,718	36,487	40,096	42,242
FHA-insured.....	(NA)	4,150	7,074	9,238	10,684	12,287	13,791	14,500
VA-guaranteed.....	(NA)	5,773	8,986	9,787	10,490	11,121	11,408	11,471
Conventional.....	(NA)	5,645	8,246	10,156	11,544	13,079	14,897	16,272
Other nonfarm.....	1,164	1,831	2,575	3,088	3,454	4,016	4,469	5,041
Farm.....	44	58	54	51	52	53	52	53

NA Not available.

<sup>1</sup> Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 640. FEDERAL NATIONAL MORTGAGE ASSOCIATION: 1950 TO 1966

[In millions of dollars. As of December 31, except where noted. Includes Puerto Rico, Guam, and Virgin Islands. FNMA provides supplementary assistance to the secondary market for residential mortgages (guaranteed by the Veterans Administration or insured by Federal Housing Administration). It also provides special assistance for financing housing programs and residential mortgages generally. See also *Historical Statistics, Colonial Times to 1957*, series N 159 and N 186-187]

TYPE OF ACTIVITY	1950	1955	1960	1962	1963	1964	1965	1966	
								Total	Secondary market
Commitments undisbursed.....	485	76	576	355	191	313	793	705	214
Mortgage holdings.....	1,347	2,615	6,159	5,923	4,650	4,412	4,731	7,063	4,396
FHA-insured.....	169	901	3,356	3,571	3,017	2,996	3,404	5,407	3,345
VA-guaranteed.....	1,177	1,714	2,803	2,353	1,634	1,416	1,327	1,656	1,051
Mortgage purchases (during year).....	1,044	411	1,248	740	290	424	913	2,701	2,081
Mortgage sales (during year).....	469	62	357	498	1,114	251	200	-	-

- Represents zero.

Source: Dept. of Housing and Urban Development, Federal National Mortgage Association; *Semiannual Report*. Monthly data in *Federal Reserve Bulletin*.

# No. 641. MORTGAGE DEBT OUTSTANDING, BY TYPE OF PROPERTY AND HOLDER: 1940 TO 1966

[In billions of dollars. As of December 31]

YEAR	ALL PROPERTIES			NONFARM					FARM	
	All holders	Finan- cial insti- tutions <sup>1</sup>	Other holders	All holders	1- to 4-family houses		Multifamily and commercial properties <sup>2</sup>		All holders	Finan- cial insti- tutions <sup>1</sup>
					Total	Finan- cial insti- tutions <sup>1</sup>	Total	Finan- cial insti- tutions <sup>1</sup>		
1940-----	36.5	19.5	16.9	30.0	17.4	10.2	12.6	7.8	6.5	1.5
1945-----	35.5	21.0	14.5	30.8	18.6	12.2	12.2	7.4	4.8	1.3
1950-----	72.8	51.7	21.1	66.7	45.2	35.4	21.6	14.0	6.1	2.3
1955-----	129.9	99.3	30.6	120.9	88.2	73.8	32.6	21.8	9.0	3.6
1956-----	144.5	111.2	33.3	134.6	99.0	83.4	35.6	23.9	9.8	3.9
1957-----	156.5	119.7	36.7	146.1	107.6	89.9	38.5	25.8	10.4	4.0
1958-----	171.8	131.5	40.3	160.7	117.7	98.5	43.0	28.8	11.1	4.2
1959-----	190.8	145.5	45.4	178.7	130.9	109.2	47.9	31.8	12.1	4.5
1960-----	206.8	157.6	49.3	194.0	141.3	117.9	52.7	35.0	12.8	4.7
1961-----	226.3	172.6	53.7	212.4	153.1	128.2	59.3	39.4	13.9	5.0
1962-----	248.6	192.5	56.1	233.4	166.5	140.4	66.9	46.6	15.2	5.5
1963-----	274.3	217.1	57.1	257.4	182.2	156.0	75.3	54.9	16.8	6.2
1964-----	300.1	241.0	59.1	281.2	197.6	170.4	83.6	63.7	18.9	7.0
1965-----	326.2	264.5	61.7	305.0	213.7	185.1	91.3	71.6	21.2	7.8
1966 (prel.)-----	347.1	280.6	66.5	323.8	225.1	193.7	98.7	78.4	23.3	8.4

<sup>1</sup> Comprises commercial banks (including nondeposit trust companies but not trust departments), mutual savings banks, life insurance companies, and savings and loan associations.

<sup>2</sup> Derived figures, which include negligible amount of farm loans held by savings and loan associations.

Source: Board of Governors of the Federal Reserve System. Current data in *Federal Reserve Bulletin*.

# No. 642. MORTGAGE ACTIVITY OF LIFE INSURANCE COMPANIES AND SAVINGS AND LOAN ASSOCIATIONS: 1940 TO 1966

[In millions of dollars. Savings and loan associations data include Puerto Rico and Guam]

ITEM	1940	1945	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>LIFE INSURANCE COMPANIES</b>									
Loans acquired.....	(NA)	976	4,894	6,623	6,086	9,172	10,433	11,137	10,202
Nonfarm.....	(NA)	(NA)	4,532	6,108	5,622	8,306	9,386	9,988	9,210
FHA insured.....	(NA)	(NA)	1,486	971	1,401	1,598	1,812	1,738	1,311
VA guaranteed.....	(X)	(NA)	938	1,839	291	678	674	553	458
Other.....	(NA)	(NA)	2,108	3,298	3,930	6,030	6,900	7,697	7,441
Farm.....	(NA)	(NA)	362	515	464	866	1,047	1,149	992
Loans outstanding (end of year).....	5,972	6,636	16,102	29,445	41,771	50,544	55,152	60,013	64,759
Nonfarm.....	5,073	5,860	14,775	27,172	38,789	46,752	50,848	55,190	59,519
FHA insured.....	668	1,394	4,573	6,395	9,032	10,756	11,484	12,068	12,385
VA guaranteed.....	(X)	(NA)	2,026	6,074	6,901	6,401	6,403	6,286	6,199
Other.....	4,405	4,466	8,176	14,703	22,856	29,595	32,961	36,836	40,935
Farm.....	899	776	1,327	2,273	2,982	3,792	4,304	4,823	5,240
<b>SAVINGS AND LOAN ASSOCIATIONS</b>									
Loans made <sup>1</sup> .....	1,200	1,913	5,237	11,255	14,304	24,735	24,505	23,847	16,729
New construction.....	399	181	1,767	3,984	4,678	7,039	6,515	5,922	3,604
Home purchase.....	426	1,358	2,246	5,155	6,132	9,920	10,397	10,697	7,748
Loans outstanding (end of year) <sup>2</sup> .....	4,125	5,376	13,657	31,408	60,070	90,944	101,333	110,202	114,089
FHA insured.....	(NA)	(NA)	848	1,404	3,524	4,696	4,894	5,141	5,266
VA guaranteed.....	(X)	(NA)	2,973	5,883	7,222	6,960	6,683	6,391	6,150
Conventional <sup>2</sup> .....	(NA)	(NA)	9,836	24,121	49,324	79,288	89,756	98,670	102,673

NA Not available. X Not applicable.

<sup>1</sup> Includes loans for other purposes (repair, additions and alterations, refinancing, etc.).

<sup>2</sup> Beginning 1960, includes shares pledged against mortgage loans; and, beginning 1966, junior liens real estate sold on contract and not acquired by foreclosure, and collateral loans secured by the assignment of other loans which in turn are secured by first liens on real estate.

Source: Board of Governors of the Federal Reserve System. Current data in *Federal Reserve Bulletin*.



## No. 643. FEDERAL HOME LOAN BANK SYSTEM: 1950 TO 1966

[Money figures in millions of dollars. Includes Puerto Rico and Guam. This system comprises institutions engaged in home financing. Federal Home Loan Banks provide a permanent reserve credit system for member institutions; they are privately owned by their members and are self-sustaining. The Federal Home Loan Bank Board supervises the operations of the 12 Federal Home Loan Banks, and of the Federal Savings and Loan Insurance Corporation, and charters and regulates Federal savings and loan associations. See *Historical Statistics, Colonial Times to 1957*, series N 188, for advances outstanding]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
Member institutions as of Dec. 31:								
Number.....	3,930	4,336	4,716	4,921	5,001	5,031	5,053	5,031
Federal savings and loan associations.....	1,526	1,683	1,873	1,941	1,968	1,981	2,011	2,051
State-chartered savings and loan associations.....	2,368	2,624	2,821	2,947	2,992	3,004	2,995	2,931
Savings banks.....	29	26	22	33	41	46	47	48
Life insurance companies.....	7	3	-	-	-	-	-	1
Assets.....	16,245	36,725	69,901	93,617	110,055	122,487	<sup>1</sup> 133,780	<sup>1</sup> 141,728
Federal savings and loan associations.....	8,457	20,035	38,511	49,633	56,368	61,643	66,715	69,581
State-chartered savings and loan associations.....	7,059	16,111	30,981	42,247	49,259	55,739	<sup>1</sup> 60,768	<sup>1</sup> 62,352
Savings banks.....	640	550	409	1,737	4,428	5,105	6,297	9,781
Life insurance companies.....	89	28	-	-	-	-	-	14
Federal Home Loan Bank loans to members:								
Advances made during year.....	675	1,252	1,943	4,111	5,601	5,563	5,007	3,804
Repayments during year.....	292	702	2,097	3,294	4,296	5,023	4,335	2,866
Advances outstanding Dec. 31.....	816	1,417	1,981	3,479	4,784	5,325	5,997	6,935

Represents zero. <sup>1</sup> Preliminary.

## No. 644. FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION—SUMMARY OF INSURED INSTITUTIONS: 1950 TO 1966

[Money figures in millions of dollars. As of December 31. Includes Puerto Rico and Guam. Federal Savings and Loan Insurance Corporation protects up to \$15,000 (effective October 16, 1966) the savings of each investor in each insured savings and loan association. See headnote, table 646]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
Number of associations.....	2,860	3,544	4,098	4,332	4,419	4,463	4,508	4,510
Total assets.....	13,691	34,198	67,430	89,545	103,154	114,652	124,576	129,046
Total mortgage loans <sup>1</sup> .....	11,182	28,685	56,812	75,550	87,453	97,612	106,333	110,256
Savings capital.....	11,374	29,241	58,662	76,743	87,526	97,861	106,103	109,773
FHLB advances.....	753	1,376	1,962	3,454	4,750	5,290	5,959	6,911
General reserves and undivided profits.....	955	2,246	4,631	6,168	6,832	7,508	8,300	8,849
Number of investors.....1,000.....	8,111	15,627	27,129	32,243	34,197	36,507	38,266	40,578
Operations:								
New savings capital.....	4,543	12,521	23,789	30,346	34,699	37,296	38,202	43,558
Withdrawals.....	3,211	7,972	16,407	21,089	23,955	26,996	29,999	40,026
Mortgage loans made.....	4,352	10,457	13,801	20,220	24,180	23,980	23,309	16,328

<sup>1</sup> For 1955 and earlier years, excludes shares pledged against mortgage loans.

## No. 645. ALL SAVINGS AND LOAN ASSOCIATIONS—SELECTED FINANCIAL ITEMS: 1940 TO 1966

[Money figures in millions of dollars. Includes Puerto Rico and Guam. See headnote, table 646. See also *Historical Statistics, Colonial Times to 1957*, series N 196-203]

END OF YEAR	Number of associations	Total assets	U.S. Government obligations	Savings capital	MORTGAGE LOANS OUTSTANDING				MORTGAGE LOANS MADE DURING YEAR		
					Total	FHA-insured	VA-guaranteed	Conventional <sup>1</sup>	Total <sup>2</sup>	New construction	Home purchase
1940.....	7,521	5,733	71	4,322	4,125	(NA)	(NA)	(NA)	1,200	399	426
1950.....	5,992	16,893	1,487	13,992	13,657	848	2,973	9,836	5,237	1,767	2,246
1955.....	6,071	37,656	2,338	32,142	31,408	1,404	5,883	24,121	11,255	3,984	5,155
1960.....	6,320	71,476	4,595	62,142	60,070	3,524	7,222	49,324	14,304	4,678	6,132
1963.....	6,248	107,559	6,445	91,308	90,944	4,696	6,960	79,288	24,735	7,039	9,920
1964.....	6,222	119,355	6,966	101,887	101,333	4,894	6,683	89,756	24,505	6,515	10,397
1965.....	6,232	129,442	7,405	110,271	110,202	5,141	6,391	98,670	23,847	5,922	10,697
1966.....	6,213	133,860	7,762	113,896	114,089	5,266	6,150	102,673	16,729	3,604	7,748

NA. Not available. <sup>1</sup> For 1955 and earlier years, excludes shares pledged against mortgage loans.

<sup>2</sup> Includes loans for other purposes (repair, additions and alterations, refinancing, etc.).

Source of tables 643-645: Federal Home Loan Bank Board; *Savings and Home Financing Source Book*, and unpublished data.



**No. 646. ALL SAVINGS AND LOAN ASSOCIATIONS—SELECTED FINANCIAL ITEMS, STATES AND OTHER AREAS: 1964 AND 1965**

[Money figures in millions of dollars. As of December 31. Major balance sheet items for all operating and insured associations not identical with those shown in table 645, primarily because some State-chartered associations submit their reports on dates other than December 31]

STATE OR OTHER AREA	1964				1965			
	Number of associations	Total assets	First mortgage loans outstanding	Savings capital	Number of associations	Total assets	First mortgage loans outstanding	Savings capital
<b>Total.....</b>	<b>6, 212</b>	<b>119, 356</b>	<b>101, 399</b>	<b>101, 939</b>	<b>6, 185</b>	<b>129, 459</b>	<b>110, 415</b>	<b>110, 349</b>
Alabama.....	52	805	671	730	54	879	736	799
Alaska.....	3	43	36	32	3	53	42	39
Arizona.....	14	740	625	583	15	791	652	619
Arkansas.....	58	578	491	508	58	653	560	574
California.....	277	23, 881	20, 559	19, 325	285	25, 856	22, 209	21, 007
Colorado.....	56	1, 448	1, 236	1, 222	56	1, 548	1, 312	1, 306
Connecticut.....	39	1, 053	897	886	39	1, 128	967	953
Delaware.....	35	90	78	77	32	95	82	84
District of Columbia.....	24	1, 975	1, 762	1, 662	24	2, 121	1, 897	1, 788
Florida.....	135	5, 351	4, 517	4, 753	135	5, 770	4, 913	5, 111
Georgia.....	105	1, 834	1, 564	1, 611	106	2, 044	1, 761	1, 779
Hawaii.....	13	318	277	260	13	355	311	283
Idaho.....	18	308	268	265	19	324	281	277
Illinois.....	591	10, 431	8, 767	8, 899	589	11, 085	9, 372	9, 458
Indiana.....	216	2, 717	2, 267	2, 402	213	2, 908	2, 447	2, 572
Iowa.....	91	1, 284	1, 063	1, 126	91	1, 410	1, 176	1, 232
Kansas.....	103	1, 397	1, 208	1, 178	102	1, 535	1, 337	1, 305
Kentucky.....	131	1, 375	1, 187	1, 225	132	1, 485	1, 287	1, 325
Louisiana.....	97	1, 479	1, 227	1, 317	101	1, 660	1, 388	1, 465
Maine.....	32	156	133	137	32	173	144	153
Maryland.....	345	2, 172	1, 828	1, 798	340	2, 381	2, 021	1, 966
Massachusetts.....	201	3, 001	2, 549	2, 567	201	3, 248	2, 755	2, 771
Michigan.....	72	3, 093	2, 557	2, 774	72	3, 341	2, 840	2, 945
Minnesota.....	79	2, 297	1, 954	2, 001	79	2, 436	2, 075	2, 122
Mississippi.....	82	509	429	449	81	568	479	506
Missouri.....	149	2, 784	2, 384	2, 348	149	3, 024	2, 617	2, 582
Montana.....	18	198	166	179	17	211	180	190
Nebraska.....	58	787	640	691	52	868	719	749
Nevada.....	6	576	469	479	6	627	487	526
New Hampshire.....	26	242	210	206	26	257	223	220
New Jersey.....	396	4, 378	3, 777	3, 876	389	4, 822	4, 176	4, 241
New Mexico.....	37	363	306	308	36	406	342	349
New York.....	225	7, 375	6, 420	6, 408	223	8, 042	7, 038	6, 874
North Carolina.....	180	2, 212	1, 936	1, 921	182	2, 385	2, 097	2, 065
North Dakota.....	15	323	265	276	15	351	290	298
Ohio.....	562	9, 473	7, 604	8, 292	559	10, 148	8, 218	8, 848
Oklahoma.....	59	1, 107	976	981	58	1, 179	1, 041	1, 037
Oregon.....	30	862	733	737	32	963	823	817
Pennsylvania.....	763	5, 612	4, 832	4, 759	742	6, 099	5, 270	5, 183
Rhode Island.....	8	371	319	306	8	404	349	327
South Carolina.....	79	1, 049	906	922	78	1, 180	1, 018	1, 031
South Dakota.....	19	148	126	132	19	164	140	146
Tennessee.....	65	1, 172	1, 005	1, 031	65	1, 285	1, 103	1, 126
Texas.....	265	4, 815	4, 088	4, 162	271	5, 373	4, 563	4, 652
Utah.....	21	620	520	497	22	678	572	543
Vermont.....	8	62	54	54	8	70	62	59
Virginia.....	75	1, 171	1, 006	1, 030	76	1, 276	1, 099	1, 111
Washington.....	69	2, 042	1, 711	1, 755	68	2, 157	1, 815	1, 824
West Virginia.....	37	330	274	291	37	351	295	310
Wisconsin.....	153	2, 650	2, 271	2, 262	154	2, 934	2, 533	2, 501
Wyoming.....	12	133	112	116	12	139	117	123
Puerto Rico.....	7	163	137	131	8	216	181	176
Guam.....	1	3	2	2	1	3	3	2

Source: Federal Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.

## No. 647. STATE AND FEDERAL CREDIT UNIONS—SUMMARY: 1940 TO 1966

[Federal credit unions are located in 50 States, Puerto Rico, Canal Zone, Guam, and Virgin Islands. Six States—Alaska, Delaware, Hawaii, Nevada, South Dakota, Wyoming, and District of Columbia (beginning 1964), Canal Zone, Guam, and Virgin Islands have no State or local credit union law. See also *Historical Statistics, Colonial Times to 1957*, series X 403-414]

YEAR	CREDIT UNIONS REPORTING <sup>1</sup>			MEMBERS (1,000)			AMOUNTS OF LOANS OUTSTANDING AT END OF YEAR (mil. dol.)			ASSETS (mil. dol.)		
	Total	State	Federal	Total	State	Federal	Total	State	Federal	Total	State	Federal
1940	8,931	5,175	3,756	2,828	1,700	1,128	191	135	56	253	181	73
1945	8,615	4,858	3,757	2,843	1,626	1,217	126	91	35	435	282	153
1950	10,571	5,587	4,984	4,609	2,483	2,127	680	416	264	1,005	600	406
1955	16,064	8,258	7,806	8,154	4,121	4,032	1,934	1,071	863	2,743	1,476	1,267
1960	20,056	10,151	9,905	12,058	5,971	6,087	4,403	2,381	2,021	5,658	2,989	2,670
1961	20,567	10,296	10,271	12,878	6,336	6,543	4,852	2,607	2,245	6,382	3,354	3,028
1962	20,969	10,337	10,632	13,753	6,745	7,008	5,478	2,917	2,561	7,188	3,758	3,430
1963	21,301	10,346	10,955	14,580	7,080	7,500	6,171	3,260	2,911	8,130	4,213	3,917
1964	21,730	10,452	11,278	15,623	7,530	8,092	7,048	3,699	3,349	9,359	4,800	4,559
1965	22,060	10,517	11,543	16,756	8,116	8,641	8,097	4,232	3,865	10,551	5,385	5,166
1966 (prel.)	22,610	10,635	11,975	17,975	8,690	9,285	9,066	4,679	4,387	11,512	5,877	5,635

<sup>1</sup> Does not represent total number chartered; reports are not received from all credit unions in operation, and some are inactive. However, the number of Federal unions reporting is same as number in operation.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; annual report, *Federal Credit Union Program*, and *Social Security Bulletin*.

## No. 648. CONSUMER CREDIT: 1940 TO 1967

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Estimated amounts of credit outstanding as of end of year or month; extended and repaid, for entire year or month. See also *Historical Statistics, Colonial Times to 1957*, series X 415-422]

TYPE OF CREDIT	1940	1945	1950	1955	1960	1964	1965	1966	1967, Mar.
<b>Credit outstanding</b>	8,338	5,665	21,471	38,830	56,028	78,442	87,884	94,786	92,519
Installment	5,514	2,462	14,703	28,906	42,832	60,548	68,565	74,656	73,591
Automobile paper	2,071	455	6,074	13,460	17,688	25,195	28,843	30,961	30,527
Other consumer goods paper	1,827	816	4,799	7,641	11,525	15,593	17,693	19,834	19,369
Repair and modernization loans <sup>1</sup>	371	182	1,016	1,693	3,139	3,532	3,675	3,751	3,648
Personal loans	1,245	1,009	2,814	6,112	10,480	16,228	18,354	20,110	20,047
Noninstallment	2,824	3,203	6,768	9,924	13,196	17,894	19,319	20,130	18,928
Single-payment loans	800	746	1,821	3,002	4,507	6,954	7,682	7,844	7,769
Charge accounts	1,471	1,612	3,367	4,795	5,329	6,300	6,746	7,144	5,809
Service credit	553	845	1,580	2,127	3,360	4,640	4,891	5,142	5,350
<b>INSTALLMENT CREDIT</b>									
Extended	8,219	5,379	21,558	38,972	49,560	67,505	75,508	78,896	6,641
Repaid	7,208	5,093	18,445	33,634	45,972	61,121	67,495	72,805	6,648

<sup>1</sup> Holdings of financial institutions; holdings of retail outlets are included in "Other consumer goods paper."

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 649. CONSUMER INSTALLMENT CREDIT OUTSTANDING, BY HOLDER: 1940 TO 1967

[In millions of dollars. As of end of year or month. Prior to 1960, excludes Alaska and Hawaii. Estimated]

HOLDER	1940	1945	1950	1955	1960	1964	1965	1966	1967, Mar.
<b>Total</b>	5,514	2,462	14,703	28,906	42,832	60,548	68,565	74,656	73,591
Financial institutions	3,918	1,776	11,805	24,398	37,218	53,141	60,273	65,565	65,006
Commercial banks	1,452	745	5,798	10,601	16,672	25,094	29,173	32,155	32,068
Savings finance companies	1,575	300	3,711	8,447	11,472	14,762	16,138	16,936	16,593
Credit unions	171	102	590	1,678	3,923	6,458	7,512	8,549	8,485
Consumer finance companies	( <sup>1</sup> )	( <sup>1</sup> )	<sup>1</sup> 1,286	2,623	3,670	5,078	5,606	6,014	5,951
Other	<sup>1</sup> 720	<sup>1</sup> 629	<sup>1</sup> 420	1,049	1,481	1,749	1,844	1,911	1,909
Retail outlets	1,596	686	2,898	4,508	5,615	7,407	8,292	9,091	8,585
Department stores <sup>2</sup>	394	131	746	1,511	2,414	3,922	4,488	(NA)	(NA)
Furniture stores	474	240	827	1,044	1,107	1,152	1,235	(NA)	(NA)
Household appliance stores	196	17	267	365	333	286	302	(NA)	(NA)
Automobile dealers <sup>3</sup>	167	28	287	487	359	370	447	490	486
Other	365	270	771	1,101	1,402	1,677	1,820	(NA)	(NA)

NA Not available.

<sup>1</sup> Consumer finance companies included with "Other" financial institutions until September 1950.

<sup>2</sup> Includes mail-order houses.

<sup>3</sup> Automobile paper only; other installment credit held by dealers is included with "Other" retail outlets.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



No. 650. FEDERAL RESERVE BANK OF NEW YORK—DISCOUNT RATES: 1950 TO 1967

[Percent per annum. See also *Historical Statistics, Colonial Times to 1957*, series X 312-313]

EFFECTIVE DATE		Rate	EFFECTIVE DATE		Rate	EFFECTIVE DATE		Rate
1950—Aug. 21-----		1¾	1956—Apr. 13-----		2¾	1959—Mar. 6-----		3
1953—Jan. 16-----		2	Aug. 24-----		3	May 29-----		3½
						Sept. 11-----		4
1954—Feb. 5-----		1¾	1957—Aug. 23-----		3½			
Apr. 16-----		1½	Nov. 15-----		3	1960—June 10-----		3½
						Aug. 12-----		3
1955—Apr. 15-----		1¾	1958—Jan. 24-----		2¾			
Aug. 5-----		2	Mar. 7-----		2¼	1963—July 17-----		3½
Sept. 9-----		2¼	Apr. 18-----		1¾	1964—Nov. 24-----		4
Nov. 18-----		2½	Sept. 12-----		2	1965—Dec. 6-----		4½
			Nov. 7-----		2½	1967—Apr. 7-----		4
						In effect May. 31, 1967-----		4

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 651. MONEY MARKET RATES: 1940 TO 1966

[Percent per annum. See also *Historical Statistics, Colonial Times to 1957*, series X 305-311]

YEARLY AVERAGE	Prime commer- cial paper, 4 to 6 months <sup>1</sup>	Finance company paper placed directly, 3 to 6 months <sup>2</sup>	Prime bankers' accept- ances, 90 days <sup>1</sup>	Stock exchange time loans, 90 days <sup>3</sup>	Stock exchange call loan renewals <sup>3</sup>	U.S. GOVT. SECURITIES (TAXABLE) <sup>4</sup>			
						3-month bills		9- to 12- month issues <sup>5</sup>	3- to 5- year issues <sup>6</sup>
						Market yield	Rate on new issues		
1940-----	0.56	0.75	0.44	1.25	1.00	0.04	0.014	(NA)	0.50
1950-----	1.45	1.41	1.15	1.59	1.63	1.20	1.218	1.26	1.50
1955-----	2.18	1.97	1.71	3.01	3.20	1.73	1.753	1.89	2.50
1960-----	3.85	3.54	3.51	4.99	4.99	2.87	2.928	3.55	3.99
1965-----	4.38	4.27	4.22	( <sup>8</sup> )	4.69	3.95	3.954	4.09	4.22
1966-----	5.55	5.42	5.36	( <sup>8</sup> )	5.78	4.85	4.881	5.17	5.16

NA Not available. <sup>1</sup> Averages of daily offering rates of dealers.  
<sup>2</sup> Averages of daily rates, published by finance companies, for varying maturities in the 90-179 day range.  
<sup>3</sup> Averages of daily quotations. Beginning 1957, separate quotations for stock exchange call loans on renewals and new loans were discontinued; therefore, only a going rate is quoted.  
<sup>4</sup> Except for new bill issues, yields are averages computed from daily closing bid prices.  
<sup>5</sup> Certificates of indebtedness and selected note and bond issues.  
<sup>6</sup> Selected note and bond issues. <sup>7</sup> Tax-exempt bills. <sup>8</sup> Data discontinued.

No. 652. BANK RATES ON SHORT-TERM BUSINESS LOANS: 1940 TO 1966

[Percent per annum. Estimates based on reports from large banks in 19 leading cities. Short-term loans comprise loans maturing in one year or less. See also *Historical Statistics, Colonial Times to 1957*, series X 322-325]

YEAR	Average, 19 cities	New York City	7 other Northern and Eastern cities	11 South- ern and Western cities	SIZE OF LOAN			
					\$1,000 to \$10,000	\$10,000 to \$100,000	\$100,000 to \$200,000	\$200,000 and over
1940-----	2.1	1.8	2.0	2.5	4.3	3.0	2.0	1.8
1950-----	2.7	2.4	2.7	3.2	4.5	3.6	3.0	2.4
1955-----	3.7	3.5	3.7	4.0	5.0	4.4	4.0	3.5
1960-----	5.2	5.0	5.2	5.5	6.0	5.7	5.4	5.0
1964-----	5.0	4.8	5.0	5.3	5.9	5.6	5.3	4.8
1965-----	5.1	4.8	5.1	5.3	5.9	5.6	5.4	4.9
1966-----	6.0	5.8	6.1	6.2	6.5	6.4	6.2	5.9

Source of tables 651 and 652: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, and unpublished data.



No. 653. SECURITIES LISTED ON NEW YORK STOCK EXCHANGE: 1940 TO 1966

[Values in billions of dollars; shares in millions. As of December 31]

SECURITY	1940	1945	1950	1955	1960	1962	1963	1964	1965	1966
<b>Bonds:</b>										
Face value.....	54	138	115	108	116	117	125	134	142	140
Market value.....	51	143	116	105	108	111	118	128	132	128
Average price.....dol.	93.84	103.64	100.93	97.08	93.21	94.97	94.20	95.43	93.07	91.50
<b>Stocks:</b>										
Shares.....	1,455	1,592	2,353	3,836	6,458	7,659	8,108	9,229	10,058	10,939
Market value.....	42	74	94	208	307	346	411	474	537	483
Average price.....dol.	28.80	46.33	39.86	54.14	47.53	45.15	50.73	51.39	53.44	44.11

Source: New York Stock Exchange, New York, N.Y.; *Fact Book*. Data for stocks (shares and market value), also in Dept. of Commerce, Office of Business Economics, *Survey of Current Business*.

No. 654. SALES OF STOCKS AND BONDS ON REGISTERED EXCHANGES: 1940 TO 1966

[In millions]

EXCHANGE	1940	1945	1950	1955	1960	1962	1963	1964	1965	1966
<b>ALL REGISTERED EXCHANGES</b>										
Market value, all sales...	\$9,726	\$18,112	\$22,840	\$39,261	\$46,901	\$56,564	\$66,157	\$75,328	\$93,325	\$127,946
Stocks: <sup>1</sup>										
Market value.....	\$8,404	\$16,226	\$21,777	\$37,868	\$45,219	\$54,732	\$64,314	\$72,147	\$89,225	\$123,065
Shares.....	372	744	857	1,212	1,389	1,664	1,838	2,045	2,587	3,189
Bonds: <sup>2</sup>										
Market value.....	\$1,314	\$1,842	\$1,038	\$1,231	\$1,607	\$1,730	\$1,740	\$2,882	\$3,794	\$4,262
Par value.....	\$2,081	\$2,691	\$1,278	\$1,261	\$1,614	\$1,786	\$1,654	\$2,641	\$3,289	\$3,741
Rights and warrants:										
Market value.....	\$8	\$45	\$25	\$161	\$75	\$102	\$103	\$298	\$305	\$619
Number of units.....	5	22	35	108	51	47	41	81	82	123
<b>NEW YORK STOCK EXCHANGE</b>										
Market value, all sales...	\$8,223	\$15,190	\$19,735	\$34,038	\$39,552	\$49,019	\$56,564	\$63,284	\$76,878	\$102,786
Stocks: <sup>1</sup>										
Market value.....	\$7,166	\$13,462	\$18,725	\$32,745	\$37,960	\$47,341	\$54,887	\$60,424	\$73,200	\$98,597
Shares.....	283	496	655	820	958	1,187	1,351	1,482	1,809	2,206
Bonds: <sup>2</sup>										
Market value.....	\$1,053	\$1,716	\$1,000	\$1,207	\$1,580	\$1,666	\$1,667	\$2,783	\$3,643	\$4,102
Par value.....	\$1,760	\$2,509	\$1,228	\$1,226	\$1,587	\$1,719	\$1,586	\$2,542	\$3,150	\$3,590
Rights and warrants:										
Market value.....	\$4	\$12	\$10	\$85	\$13	\$13	\$11	\$77	\$34	\$88
Number of units.....	2	11	27	89	29	34	21	60	58	94

<sup>1</sup> Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks.

<sup>2</sup> Excludes U.S. Government bonds.

Source: Securities and Exchange Commission. Monthly data in *Statistical Bulletin*.

No. 655. SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1910 TO 1966

[Shares in millions; value in millions of dollars. Reported volume on New York Stock Exchange excludes transactions in odd lots (less than unit of trading). See also *Historical Statistics, Colonial Times to 1957*, series X 373-377]

YEAR	Stocks, shares <sup>1</sup>	BONDS, PAR VALUE <sup>2</sup>				YEAR	Stocks, shares <sup>1</sup>	BONDS, PAR VALUE <sup>2</sup>			
		Total <sup>3</sup>	Corpo- rate	U.S. Gov- ern- ment	State, municipal, foreign <sup>3</sup>			Total <sup>3</sup>	Corpo- rate	U.S. Gov- ern- ment	State, municipal, foreign <sup>3</sup>
1910.....	164	635	592	(Z)	43	1957.....	560	1,082	1,031	(Z)	50
1920.....	227	3,977	827	2,861	289	1958.....	747	1,382	1,314	(Z)	68
1929.....	1,125	2,982	2,182	142	658	1959.....	820	1,586	1,517	(Z)	69
1930.....	810	2,764	1,927	116	721	1960.....	767	1,346	1,271	(Z)	76
1935.....	382	3,339	2,287	674	378	1961.....	1,021	1,636	1,566	(Z)	70
1940.....	208	1,669	1,414	39	216	1962.....	962	1,455	1,361	-	93
1945.....	378	2,262	2,148	8	106	1963.....	1,146	1,483	1,375	-	108
1950.....	525	1,112	1,008	2	103	1964.....	1,237	2,524	2,459	-	65
1955.....	650	1,046	962	(Z)	84	1965.....	1,556	2,975	2,912	-	63
1956.....	556	1,069	1,013	(Z)	56	1966.....	1,899	3,093	3,035	-	58

- Represents zero. Z Less than \$500,000.

<sup>1</sup> Data refer to transactions reported on the ticker. The totals differ from those in table 654 to the extent of odd-lot transactions (less than the unit of trading) which are not printed on the ticker.

<sup>2</sup> Exclusive of stopped sales.

<sup>3</sup> Beginning July 1947, includes bonds of the International Bank for Reconstruction and Development.

Source: William B. Dana Co., New York, N.Y.; *Commercial and Financial Chronicle*.

No. 656. SELECTED DEBIT AND CREDIT BALANCES OF STOCK EXCHANGE FIRMS:  
1940 TO 1966

[In millions of dollars. As of June 30. Data relate to member firms of New York Stock Exchange carrying margin accounts. Figures derived from money balances as shown by ledger and exclude value of securities carried for customers or owned by firms. See *Historical Statistics, Colonial Times to 1957*, series X 381-384, for related data as of end of year]

YEAR	DEBIT BALANCES				CREDIT BALANCES				
	Custom- ers' debit balances (net) <sup>1</sup>	Debit balances in investment and trading accounts of—		Cash on hand and in hanks	Money bor- rowed <sup>2</sup>	Custom- ers' credit bal- ances <sup>1</sup>	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firms				Partners	Firms	
1940.....	653	12	58	223	375	329	22	5	260
1945.....	1,223	11	333	220	854	670	14	13	264
1950.....	1,256	12	386	314	827	839	25	11	312
1955.....	2,768	14	673	337	2,115	1,159	31	62	467
1960.....	3,185	37	683	366	2,331	1,252	37	61	612
1963.....	4,947	70	941	422	4,027	1,484	36	116	759
1964.....	5,384	78	1,223	466	4,499	1,531	37	173	866
1965.....	5,173	84	1,770	515	4,541	1,775	48	214	919
1966.....	5,846	90	1,598	601	3,969	2,479	59	270	1,125

<sup>1</sup> Excludes balances of member firms of New York Stock Exchange and other national securities exchanges and of firms' own partners.

<sup>2</sup> Comprises money borrowed from banks and from other lenders (excluding member firms of national securities exchanges).

No. 657. MARGIN REQUIREMENTS ON SECURITIES CREDIT: 1951 TO 1967

[Prescribed in accordance with Securities Exchange Act of 1934. Regulations limit the amount of credit that may be extended on a security by prescribing a maximum loan value, which is a specified percentage of its market value at the time of the extension; the margin requirement is the difference between the market value (100 percent) and the maximum loan value. Data shown here are for regular accounts. For rates for 1934 to 1949, see *Statistical Abstract, 1957*, table 561. See also *Historical Statistics, Colonial Times to 1957*, series X 378-380]

EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)			EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)		
	For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks		For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks
Jan. 17, 1951.....	75	75	75	Aug. 5, 1958.....	70	70	70
Feb. 20, 1953 <sup>1</sup> .....	50	50	50	Oct. 16, 1958.....	90	90	90
Jan. 4, 1955 <sup>1</sup> .....	60	60	60	July 28, 1960.....	70	70	70
Apr. 23, 1955.....	70	70	70	July 10, 1962.....	50	50	50
Jan. 16, 1958.....	50	50	50	Nov. 6, 1963.....	70	70	70
				In effect Apr. 1, 1967..	70	70	70

<sup>1</sup> Effective after the close of business.

Source of tables 656 and 657: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 658. PRINCIPAL COMMODITY FUTURES—VOLUME OF TRADING ON ALL  
CONTRACT MARKETS: 1940 TO 1966

[For years ending June 30. Compiled from daily reports of all clearing members of each contract market]

YEAR	Wheat	Corn	Oats	Rye	Soybeans	Cotton	Eggs
	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	1,000 bales	Carlots
1940.....	8,375	1,392	431	409	118	44,561	49,271
1945.....	2,425	491	1,090	3,979	( <sup>1</sup> )	37,813	40,729
1950.....	4,202	2,013	1,048	582	3,614	52,697	56,938
1955.....	3,969	2,214	758	815	4,952	50,395	258,507
1960.....	2,577	1,681	577	713	5,613	4,903	412,207
1963.....	5,152	3,521	884	748	8,372	3,037	296,975
1964.....	5,355	3,760	611	671	13,702	946	134,590
1965.....	2,826	3,702	483	260	19,534	205	63,261
1966.....	6,000	5,376	399	399	16,277	66	96,224

<sup>1</sup> Trading suspended.

Source: Dept. of Agriculture, Commodity Exchange Authority; annual report, *Commodity Futures Statistics*.



**No. 659. DIVIDENDS PER SHARE FOR COMMON STOCKS—ANNUAL RATES:  
1940 TO 1967**

YEAR	Com- posite <sup>1</sup>	Indus- trials	Public utilities	Rail- roads	New York banks	Fire in- surance companies
1940.....	\$1.78	\$1.67	\$1.54	\$1.08	\$2.08	\$1.62
1945.....	1.92	1.75	1.30	2.19	2.00	1.62
1950.....	3.53	3.77	1.76	2.18	2.50	2.46
1955.....	4.75	5.13	2.21	3.43	3.19	3.49
1960.....	5.59	6.03	2.68	3.53	3.97	4.75
1964.....	7.05	7.76	3.43	3.81	4.57	6.00
1965.....	7.65	8.48	3.86	4.09	4.90	6.33
1966.....	8.25	9.17	4.11	4.45	5.06	6.85
1967, March.....	8.32	9.17	4.27	4.63	5.28	7.81

<sup>1</sup> Includes American Telephone and Telegraph Co. stock; excluded from "Public utilities."

Source: Moody's Investors Service, New York, N.Y. Monthly data in Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

**No. 660. BOND AND STOCK PRICES: 1950 TO 1967**

[See also *Historical Statistics, Colonial Times to 1957*, series X 348-354]

CLASS	1950	1955	1960	1963	1964	1965	1966	1967, Mar.
<b>BOND PRICES</b> (dollars per \$100 bond)								
U.S. Government <sup>1</sup> .....	\$102.5	\$102.4	\$86.2	\$86.3	\$84.5	\$83.8	\$78.6	\$81.0
Standard & Poor's Corporation:								
Municipal (15 bonds) <sup>2</sup> .....	\$133.4	\$123.1	\$103.9	\$111.3	\$111.5	\$110.6	\$102.6	\$105.7
Corporate, high grade (AAA issues) <sup>3</sup> .....	\$121.9	\$114.4	\$94.6	\$96.8	\$95.1	\$93.9	\$86.1	\$85.6
<b>STOCK PRICES</b> (dollars per share, except as indicated)								
Standard & Poor's Corporation:								
Preferred (14 stocks) <sup>4</sup> .....	\$181.7	\$174.8	\$147.4	\$163.0	\$162.3	\$161.9	\$141.2	\$139.3
Common (500 stocks):								
Index (1941-43=10): <sup>5</sup>								
Total.....	18.40	40.49	55.85	69.87	81.37	88.17	85.26	89.42
Industrial.....	18.33	42.40	59.43	73.39	86.19	93.48	91.08	95.86
Railroad.....	15.53	32.94	30.31	37.58	45.46	46.78	46.34	46.78
Public utility.....	19.96	31.37	46.86	64.99	69.91	76.08	68.21	70.03
Dividend yield <sup>6</sup> (percent).....	6.57	4.08	3.47	3.17	3.01	3.00	3.40	3.29
Price/earnings ratio <sup>7</sup> .....	6.63	11.50	17.09	17.62	18.08	17.08	14.92	16.65
Dow Jones and Co., Inc.: <sup>8</sup>								
Total (65 stocks).....	77.69	161.34	204.57	253.67	294.23	318.50	308.70	307.70
Industrial (30 stocks).....	216.31	442.72	618.04	714.81	834.05	910.88	873.60	858.11
Railroad (20 stocks).....	60.72	155.04	138.93	165.30	204.36	216.41	227.35	231.98
Public utility (15 stocks).....	41.29	64.27	91.39	138.36	146.02	157.88	136.56	135.96
Moody's, annual average: <sup>9</sup>								
Composite <sup>10</sup> .....	\$56.23	\$117.36	\$155.46	\$202.32	\$235.08	\$250.31	\$230.88	\$242.02
Industrials.....	57.83	130.66	173.18	218.24	258.55	284.32	266.77	278.90
Railroads.....	33.60	70.21	62.46	78.49	94.01	95.06	92.65	93.52
Public utilities.....	31.23	49.24	69.82	102.79	108.76	117.08	102.90	106.81

<sup>1</sup> For 1950, straight average of market prices of all taxable marketable bonds due or callable in 15 years and over; thereafter, on the basis of an assumed 3 percent 20-year bond. Data from Board of Governors, Federal Reserve System.

<sup>2</sup> Prices derived from average yields on basis of assumed 4 percent 20-year bond at Wednesday closing prices.

<sup>3</sup> Based on composite of data (including industrial, utility, and railroad) and are a conversion of yield indexes, based on yield to maturity of each bond and assuming a 4-percent coupon with 20 years to maturity. Prices are averages of weekly data for a varying number of AAA bonds.

<sup>4</sup> Prices derived from averages of median yields on noncallable high-grade stocks on basis of a \$7 annual dividend. Data from Board of Governors, Federal Reserve System.

<sup>5</sup> Based on daily closing prices; indexes weighted by number of shares of each stock outstanding in base period, with adjustment when necessary to offset changes in capitalization.

<sup>6</sup> Aggregate cash dividends (based on latest known annual rate) divided by the aggregate monthly market value of the stocks in the group. Annual yields are averages of monthly data.

<sup>7</sup> Ratio of quarterly earnings (seasonally adjusted annual rate) to price index for last day in quarter. Annual ratios are averages of quarterly data. Data from Board of Governors, Federal Reserve System.

<sup>8</sup> Averages of daily closing prices. Changes have been made in stocks used at various times. However, the number of stocks has remained constant over the period shown here.

<sup>9</sup> Based on prices end of month. The stocks used represent for the most part an identical list, except in the public utilities group, which is a continuous series composed of electric utilities (representing operating electric companies). Data for A.T. & T. Co. included in composite, but excluded from utilities in order to show more clearly the trend for electric companies.

<sup>10</sup> Includes also stocks for fire insurance companies and N.Y. banks, and 1 additional public utility stock (see footnote 9).

Source: Dept. of Commerce, Office of Business Economics (except as noted). Monthly data in *Survey of Current Business*. For original sources, see table stub.



No. 661. BOND AND STOCK YIELDS—PERCENT: 1940 TO 1966

[See also *Historical Statistics, Colonial Times to 1957*, series X 330-347]

CLASS	1940	1950	1955	1960	1963	1964	1965	1966
BONDS								
U. S. Government <sup>1</sup> .....	(NA)	2.32	2.84	4.01	4.00	4.15	4.21	4.66
Municipal (Standard & Poor's Corp., 15 bonds).....	2.50	1.98	2.53	3.73	3.23	3.22	3.27	3.82
Municipal (Bond Buyer, 20 bonds).....	2.52	1.90	2.49	3.51	3.18	3.20	3.28	3.83
Corporate, by years to maturity: <sup>2</sup>								
5 years.....	1.28	<sup>3</sup> 1.90	2.70	4.73	3.77	4.15	4.29	<sup>4</sup> 5.28
10 years.....	1.95	2.30	2.80	4.60	3.98	4.25	4.33	<sup>4</sup> 5.23
20 years.....	2.55	2.48	2.95	4.55	4.10	4.33	4.35	<sup>4</sup> 5.00
30 years.....	2.70	2.58	3.04	4.55	4.16	4.33	4.35	<sup>4</sup> 5.95
Corporate (Moody's Investors Service), by type: <sup>5</sup>								
Total (107 bonds).....	3.55	2.86	3.25	4.73	4.50	4.57	4.64	5.34
Industrials (36 bonds).....	3.10	2.67	3.19	4.59	4.42	4.52	4.61	5.30
Railroads (31 bonds).....	4.30	3.10	3.34	4.92	4.65	4.67	4.72	5.37
Public utilities (40 bonds).....	3.25	2.82	3.22	4.69	4.41	4.53	4.60	5.36
STOCKS								
Preferred (Standard & Poor's Corp., 10 stocks) <sup>6</sup> .....	4.14	3.85	4.01	4.75	4.30	4.32	4.33	4.97
Common (Moody's Investors Service): <sup>7</sup>								
Composite <sup>8</sup> .....	5.3	6.3	4.1	3.6	3.2	3.0	3.1	3.6
Industrials.....	5.3	6.5	3.9	3.5	3.2	3.0	3.0	3.4
Railroads.....	5.4	6.5	4.9	5.6	4.5	4.0	4.3	4.8
Public utilities.....	6.0	5.7	4.5	3.8	3.1	3.2	3.3	4.0

NA Not available.  
<sup>1</sup> For 1950, average yield on taxable bonds due or callable after 15 years; thereafter, on those due or callable in 10 years or more. Data from Board of Governors, Federal Reserve System.  
<sup>2</sup> 1940 and 1950, estimated yields prevailing on highest grade issues in first quarter of year; thereafter, in February only. Data for 1940 to 1955, from National Bureau of Economic Research; thereafter, Scudder, Stevens and Clark.  
<sup>3</sup> More than usually liable to error.      <sup>4</sup> February 1967 data.  
<sup>5</sup> Number of issues beginning September 1966; number varies for earlier years.  
<sup>6</sup> Yields based on number of stocks and determined from average of median yields as follows: 1940, 15 stocks, 9 yields; 1950 to 1965 (July), 14 stocks, 8 yields; beginning August 1965, 10 stocks, 8 yields. Issues converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging.  
<sup>7</sup> Yields are obtained by dividing the average per-share dividend by the average per-share price in each group.  
<sup>8</sup> Includes also stocks for fire insurance companies and N.Y. banks, and 1 additional public utility (see footnote 9, table 660).

Source: Dept. of Commerce, Office of Business Economics (except as noted). Monthly data in *Survey of Current Business*. For original sources, see table stub.

No. 662. SECURITIES—NET CHANGE IN CORPORATE SECURITIES OUTSTANDING: 1940 TO 1966

[In millions of dollars. Covers estimated cash transactions only. New issues exclude foreign and investment companies, and include sales of securities held by affiliated companies, special offerings to employees, and also new stock issues and cash proceeds connected with conversions of bonds into stocks. Retirements include the same types of issues, and also securities retired with internal funds or with proceeds of issues for that purpose. See *Historical Statistics, Colonial Times to 1957*, series X 363-365, for related but not comparable data]

YEAR	ALL TYPES			BONDS AND NOTES			STOCKS		
	New issues	Retire-ments	Net change	New issues	Retire-ments	Net change	New issues	Retire-ments	Net change
1940.....	2,751	3,024	-273	2,472	2,814	-342	279	210	69
1945.....	6,145	6,718	-573	4,908	5,946	-1,038	1,236	772	464
1950.....	6,692	3,223	3,469	4,804	2,800	2,004	1,888	423	1,465
1955.....	11,190	5,108	6,081	7,571	3,383	4,188	3,619	1,725	1,893
1960.....	10,797	4,107	6,690	8,072	3,078	4,994	2,725	1,029	1,696
1961.....	13,648	5,828	7,819	9,194	4,024	5,170	4,454	1,804	2,650
1962.....	10,868	5,317	5,552	8,613	3,749	4,864	2,255	1,567	688
1963.....	12,503	7,175	5,328	10,556	4,979	5,577	1,948	2,197	-249
1964.....	14,463	6,395	8,068	10,715	4,077	6,637	3,748	2,317	1,431
1965.....	15,952	7,891	8,061	12,747	4,649	8,098	3,205	3,242	-37
1966.....	19,799	7,541	12,258	15,629	4,542	11,088	4,169	3,000	1,169

Source: Securities and Exchange Commission. Quarterly in *Statistical Bulletin*.

## No. 663. SECURITIES—NEW SECURITIES OFFERED FOR SALE: 1940 TO 1966

[In millions of dollars. Estimated gross proceeds are derived by multiplying principal amounts or number of units by offering prices, except for municipal issues where principal amount is used. Covers substantially all new issues of securities offered for cash sale in United States in amounts over \$100,000 and with terms of maturity of more than 1 year. Includes privately placed and publicly offered issues, unregistered issues, and those registered under Securities Act of 1933. See also *Historical Statistics, Colonial Times to 1957*, series X 355, X 359-362 and X 372]

SECURITY AND ISSUER	1940	1950	1955	1960	1962	1963	1964	1965	1966
<b>TYPE OF SECURITY</b>									
All types.....	6,564	19,893	26,772	27,541	29,956	31,616	37,122	40,108	45,015
Corporate.....	2,677	6,361	10,240	10,154	10,705	12,237	13,957	15,992	18,074
Noncorporate.....	3,887	13,532	16,532	17,387	19,251	19,380	23,165	24,116	26,941
Bonds, debentures, and notes.....	6,273	18,451	23,952	25,468	28,221	30,252	34,030	37,836	42,501
Corporate.....	2,386	4,920	7,420	8,081	8,969	10,872	10,865	13,720	15,561
Noncorporate.....	3,887	13,532	16,532	17,387	19,251	19,380	23,165	24,116	26,941
Preferred stock.....	183	631	635	409	422	342	412	725	574
Common stock.....	108	811	2,185	1,664	1,314	1,022	2,679	1,547	1,939
<b>ISSUER</b>									
Corporate.....	2,677	6,361	10,240	10,154	10,705	12,237	13,957	15,992	18,074
Manufacturing.....	1,992	1,200	2,994	2,152	3,249	3,543	3,046	5,417	7,070
Extractive.....	(1)	(2)	415	246	209	214	421	342	375
Electric, gas, and water.....	1,203	2,649	2,464	2,851	2,825	2,668	2,760	2,936	3,665
Communication.....	(1)	399	1,132	1,050	1,303	1,094	2,189	947	2,003
Railroad.....	324	554	548	211	226	431	333	284	339
Other transportation.....	(1)	259	345	507	341	533	649	729	1,633
Real estate and financial.....	159	747	1,899	2,525	1,893	3,120	3,856	4,276	1,941
Commercial and other.....	(1)	2,553	443	612	659	632	702	1,062	1,048
Noncorporate.....	3,887	13,532	16,532	17,387	19,251	19,380	23,165	24,116	26,941
U. S. Government (including issues guaranteed).....	2,517	9,687	9,628	7,906	8,590	7,213	10,656	9,348	8,231
Federal agency (issues not guaranteed).....	109	30	746	1,672	1,188	1,168	1,205	2,731	6,806
State and municipal.....	1,238	3,532	5,977	7,230	8,558	10,107	10,544	11,148	11,089
Foreign government.....	-	162	150	395	553	772	480	460	513
International.....	(X)	101	-	109	180	-	153	201	85
Nonprofit institutions.....	24	20	32	74	182	120	126	228	217

- Represents zero. X Not applicable.

<sup>1</sup> "Extractive" and "Commercial and other" included with "Manufacturing"; and "Communication" and "Other transportation" included with "Electric, gas, and water." <sup>2</sup> "Extractive" included with "Commercial and other."

Source: Securities and Exchange Commission; *Annual Report*. Monthly data in *Statistical Bulletin*.

## No. 664. STOCK OWNERSHIP—CHARACTERISTICS OF SHAREOWNERS: 1956 TO 1965

[In thousands. Includes outlying areas, most members of the Armed Forces, citizens living abroad, and minor children. Represents all publicly owned issues of common and preferred stocks. Based on national probability samples; see source for detailed explanation]

SUBJECT	1956	1959	1962	1965	SUBJECT	1956	1959	1962	1965
<b>Total.....</b>	8,630	12,490	17,010	20,120	<b>Income: <sup>2</sup></b>				
<b>Sex: <sup>1</sup></b>					Under \$3,000.....	983	1,106	1,002	1,087
Male.....	4,020	5,740	7,965	9,060	\$3,000 to \$5,000.....	2,212	2,469	2,072	2,096
Female.....	4,260	6,347	8,291	9,430	\$5,000 to \$7,500.....	2,243	3,145	3,592	3,223
<b>Age: <sup>2</sup></b>					\$7,500 to \$10,000.....	3,042	2,776	3,959	4,369
Under 21 years.....	(NA)	197	450	1,280	\$10,000 to \$15,000.....		1,769	3,258	5,199
21 to 34 years.....	2,230	2,444	2,390	2,626	\$15,000 to \$25,000.....		700	2,021	2,649
35 to 44 years.....	1,240	2,064	3,528	4,216	\$25,000 and over.....		319	802	1,147
45 to 54 years.....	1,700	2,800	4,519	4,752	<b>Residence by city</b>				
55 to 64 years.....	2,020	2,666	3,202	3,549	<b>size: <sup>2</sup></b>				
65 years and over.....	1,090	2,113	2,617	3,347	500,000 and over.....	1,688	3,370	3,728	3,953
<b>Education: <sup>2</sup></b>					100,000 to 500,000.....	1,357	2,063	2,935	3,374
High school:					25,000 to 100,000.....	1,187	2,357	3,660	4,631
1 to 3 years, or less.....	1,570	2,804	3,007	3,106	2,500 to 25,000.....	2,654	2,429	4,351	5,949
4 years.....	2,750	3,130	4,828	5,344	Rural areas (farm and nonfarm)....	1,594	2,172	2,193	2,156
College:									
1 to 3 years.....	1,540	2,587	3,284	4,012					
4 years or more.....	2,420	3,566	5,137	6,028					
Minors <sup>3</sup> .....	(NA)	197	450	1,280					

NA Not available.

<sup>1</sup> Adults only; excludes minors and persons living outside conterminous U.S. not classified by sex.

<sup>2</sup> Excludes small number not classified.

<sup>3</sup> Shareowners whose stock holdings are registered in accordance with the Gifts to Minors Statutes.

Source: New York Stock Exchange, New York, N.Y.; *Census of Shareowners*, 1956, 1959, 1962, and 1965.



No. 665. STOCK OWNERSHIP—INDIVIDUAL SHAREOWNERS, STATES AND OTHER AREAS: 1965

[In thousands. See headnote, table 664]

STATE OR OTHER AREA	Individual share-owners	STATE OR OTHER AREA	Individual share-owners	STATE OR OTHER AREA	Individual share-owners
Total.....	20,120	West North Central—Continued		West South Central..	1,168
United States.....	19,963	Missouri.....	501	Arkansas.....	94
New England.....	1,728	North Dakota.....	30	Louisiana.....	149
Maine.....	123	South Dakota.....	40	Oklahoma.....	181
New Hampshire.....	101	Nebraska.....	99	Texas.....	744
Vermont.....	72	Kansas.....	221	Mountain.....	744
Massachusetts.....	805			Montana.....	61
Rhode Island.....	122	South Atlantic.....	2,532	Idaho.....	43
Connecticut.....	505	Delaware.....	79	Wyoming.....	41
Middle Atlantic.....	4,901	Maryland.....	424	Colorado.....	240
New York.....	2,407	District of Columbia.....	121	New Mexico.....	60
New Jersey.....	1,086	Virginia.....	422	Arizona.....	179
Pennsylvania.....	1,408	West Virginia.....	100	Utah.....	78
East North Central.....	3,861	North Carolina.....	322	Nevada.....	42
Ohio.....	865	South Carolina.....	117	Pacific.....	3,050
Indiana.....	382	Georgia.....	243	Washington.....	262
Illinois.....	1,308	Florida.....	704	Oregon.....	200
Michigan.....	946	East South Central.....	626	California.....	2,540
Wisconsin.....	360	Kentucky.....	161	Alaska.....	9
West North Central.....	1,353	Tennessee.....	201	Hawaii.....	39
Minnesota.....	260	Alabama.....	172	Other areas.....	14
Iowa.....	202	Mississippi.....	92	Foreign countries.....	143

Source: New York Stock Exchange, New York, N.Y.; 1965 Census of Shareowners—Shareownership U.S.A.

No. 666. LIFE INSURANCE IN FORCE AND PERSONAL INCOME: 1930 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. Covers life insurance with life insurance companies only. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 3]

YEAR	LIFE INSURANCE		Disposable personal income per family	Premiums <sup>2</sup> as percent of disposable personal income	AVERAGE SIZE POLICY IN FORCE			
	Policies in force <sup>1</sup> (millions)	Coverage per family			Ordinary	Group	Industrial	Credit
1930.....	124	\$2,800	\$1,900	4.7	\$2,460	\$1,700	\$210	\$200
1935.....	121	2,400	1,400	6.3	2,160	1,590	220	180
1940.....	134	2,700	1,700	5.1	2,130	1,700	240	150
1945.....	163	3,200	3,200	3.4	2,100	1,930	270	170
1950.....	202	4,600	4,100	3.5	2,320	2,480	310	360
1955.....	251	6,900	5,100	3.7	2,720	3,200	350	530
1960.....	282	10,200	6,100	3.8	3,590	4,030	390	720
1962.....	290	11,400	6,500	3.8	3,930	4,320	420	800
1963.....	299	12,200	6,800	4.0	4,130	4,490	420	820
1964.....	308	13,300	7,300	3.9	4,380	4,630	430	860
1965.....	320	14,700	7,600	3.9	4,660	5,050	450	900
1966.....	331	15,900	8,100	3.9	4,930	5,350	450	890

<sup>1</sup> Total of ordinary, group, industrial, and credit.

<sup>2</sup> Premiums paid for life insurance and annuities.

Source: Institute of Life Insurance, New York, N.Y. (Based on data from The Spectator, Insurance Yearbook; Institute of Life Insurance, Life Insurance Fact Book; and Dept. of Commerce, Office of Business Economics.)



## No. 667. LIFE INSURANCE COMPANIES—SUMMARY: 1940 TO 1966

[Money figures in millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1957*, series X 435 and X 441-468]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Number of companies in U.S.....	444	649	1,107	1,441	1,488	1,549	1,626	1,710
Sales.....	11,087	29,989	<sup>1</sup> 50,243	78,417	95,882	111,899	<sup>2</sup> 149,812	130,816
Ordinary.....	7,022	18,260	32,207	56,183	68,862	79,430	89,643	96,364
Group.....	747	6,237	<sup>1</sup> 11,637	15,328	19,854	25,149	<sup>2</sup> 52,867	27,637
Industrial.....	3,318	5,492	6,399	6,906	7,166	7,320	7,302	6,815
Voluntary termination rate, ordinary poli- cies (percent): <sup>3</sup>								
All policies in force.....	(NA)	(NA)	3.8	5.2	5.1	5.0	5.1	5.2
Policies in force 2 years or more.....	(NA)	(NA)	2.5	3.7	3.5	3.4	3.5	3.5
Income <sup>4</sup> .....	5,658	11,337	16,544	23,007	28,584	30,674	33,167	35,762
Life insurance premiums.....	3,501	6,249	8,903	11,998	14,266	15,128	16,083	17,160
Annuity considerations.....	386	939	1,288	1,341	1,742	1,912	2,260	2,416
Investment and other income.....	1,771	3,148	3,998	5,642	7,471	8,021	8,563	9,303
Disbursements.....	3,914	7,190	11,274	17,499	22,037	23,486	25,215	27,578
Payments to policyholders <sup>4</sup> .....	2,681	4,403	7,268	11,425	14,211	15,245	16,543	17,992
Death payments <sup>5</sup> .....	977	1,593	2,290	3,443	4,278	4,537	4,923	5,408
Matured endowments.....	275	494	615	679	824	905	956	1,012
Annuity payments.....	142	257	453	690	875	923	1,007	1,115
Policy dividends <sup>6</sup> .....	456	679	1,271	1,889	2,440	2,589	2,795	3,039
Surrender values.....	689	666	923	1,650	1,826	1,864	1,982	2,152
Disability and accidental death bene- fits <sup>4</sup> .....	142	133	118	140	160	172	180	191
Commissions, expenses, taxes, and other disbursements.....	1,215	2,697	3,892	5,914	7,641	7,995	8,435	9,320
Dividends to stockholders.....	18	90	115	160	185	245	237	266
Assets.....	30,802	64,020	90,432	119,576	141,121	149,470	158,884	167,022
Bonds.....	17,092	39,366	47,741	58,555	66,083	67,963	70,152	71,898
Stocks.....	605	2,103	3,633	4,981	7,135	7,938	9,126	8,755
Mortgages.....	5,972	16,102	29,445	41,771	50,544	55,152	60,013	64,609
Real estate.....	2,065	1,445	2,581	3,765	4,319	4,528	4,681	4,883
Other <sup>7</sup> .....	5,068	5,004	7,032	10,504	13,040	13,889	14,912	16,877
Net rate of interest earned on assets (percent) <sup>8</sup> .....	3.45	3.13	3.51	4.11	4.45	4.53	4.61	4.73
Liabilities <sup>6</sup> .....	23,964	59,381	83,424	109,902	129,088	136,589	145,048	152,227
Policy reserves <sup>6</sup> .....	27,238	54,946	75,359	98,473	114,301	120,698	127,620	134,527
Capital and surplus <sup>6</sup> .....	1,838	4,639	7,008	9,674	12,033	12,881	13,836	14,795

NA Not available. <sup>1</sup> Includes \$1,928 million group life insurance for Federal employees.

<sup>2</sup> Includes servicemen's group life insurance of \$28 billion.

<sup>3</sup> The rate is the ratio of the number of policies lapsed or surrendered (for cash, extended term, or reduced paid-up insurance), less reinstatements, to the mean number of policies in force.

<sup>4</sup> Beginning 1950, total income and payments to policyholders include data on operations of accident and health departments of life insurance companies; since these data not shown separately, components do not add to totals.

<sup>5</sup> Beginning 1955, accidental death benefits included with death payments.

<sup>6</sup> For all years, business of accident and health departments of U.S. life insurance companies included in "Liabilities" and "Capital and surplus"; beginning 1950, also included in "Policy dividends" and "Policy reserves."

<sup>7</sup> Includes cash, policy loans, collateral loans, due and deferred premiums, due and accrued investment income, and all other assets.

<sup>8</sup> Rates are calculated before deducting any Federal income taxes.

Source: Institute of Life Insurance, New York, N.Y. Based on data from *Life Insurance Fact Book* and from the Spectator, Philadelphia, Pa., *Insurance Yearbook*.

## No. 668. LIFE INSURANCE IN FORCE: 1900 TO 1966

[In millions of dollars. As of December 31. Prior to 1960, excludes Alaska and Hawaii. Represents all life insurance in force on the lives of residents of U.S. whether issued by U.S. or foreign companies. See also, *Historical Statistics, Colonial Times to 1957*, series X 436-440]

YEAR	Total amount	Ordinary	Group	Indus- trial	Credit <sup>1</sup>	YEAR	Total amount	Ordinary	Group	Indus- trial	Credit <sup>1</sup>
1900.....	7,573	6,124	-	1,449	-	1945.....	151,762	101,550	22,172	27,675	365
1905.....	11,863	9,585	-	2,278	-	1950.....	234,168	149,071	47,793	33,415	3,889
1910.....	14,908	11,783	-	3,125	-	1955.....	372,332	216,600	101,300	39,682	14,750
1915.....	21,029	16,650	100	4,279	-	1960.....	586,448	340,268	175,434	39,563	31,183
1920.....	40,540	32,018	1,570	6,948	4	1962.....	675,977	389,150	209,178	39,638	38,011
1925.....	69,475	52,892	4,247	12,318	18	1963.....	730,623	418,856	228,540	39,672	43,555
1930.....	106,413	78,576	9,801	17,963	73	1964.....	797,808	455,860	252,182	39,833	49,933
1935.....	98,464	70,684	10,208	17,471	101	1965.....	900,554	497,630	306,113	39,818	56,993
1940.....	115,530	79,346	14,938	20,866	380	1966.....	984,689	538,992	343,362	39,663	62,672

- Represents zero. <sup>1</sup> Insures borrower to cover loans in case of death.

Source: Institute of Life Insurance, New York, N.Y. Based on data from *Life Insurance Fact Book* and from the Spectator, Philadelphia, Pa., *Insurance Yearbook*.

## No. 669. LIFE INSURANCE IN FORCE—STATES: 1965 AND 1966

[Number in thousands; value in millions of dollars. See headnote, table 668]

STATE	1965		1966									
	Number of policies <sup>1</sup>	Value	Total		Ordinary		Group		Industrial		Credit <sup>2</sup>	
			Number of policies <sup>1</sup>	Value	Number of policies	Value	Number of certificates	Value	Number of policies	Value	Number of policies <sup>1</sup>	Value
U.S.-----	320,124	900,554	331,188	984,689	109,262	538,992	64,220	343,362	87,616	39,663	70,090	62,672
Ala-----	9,452	13,867	9,822	15,325	1,202	6,942	948	5,394	6,185	1,822	1,487	1,167
Alaska-----	193	839	207	936	58	505	74	371	12	3	63	57
Ariz-----	1,763	6,162	1,918	6,749	702	4,172	413	1,839	203	102	600	636
Ark-----	1,816	5,068	1,952	5,681	568	3,267	321	1,698	590	251	473	465
Calif-----	23,546	90,225	24,658	98,880	8,269	51,801	6,963	39,021	3,316	1,693	6,110	6,365
Colo-----	2,897	9,437	3,045	10,263	1,182	6,305	657	3,012	390	231	816	715
Conn-----	5,116	16,845	5,215	18,763	2,079	10,425	1,227	6,825	897	482	1,012	1,031
Del-----	1,013	3,269	1,081	3,665	331	1,688	222	1,611	306	152	222	214
D.C-----	2,331	6,239	2,389	6,323	441	2,379	748	3,345	625	269	575	330
Fla-----	10,243	23,543	10,619	25,957	2,692	14,926	1,422	7,328	4,229	1,902	2,276	1,801
Ga-----	10,182	18,928	10,369	20,984	1,872	10,445	1,322	6,696	4,916	2,073	2,259	1,770
Hawaii-----	985	4,505	1,043	5,045	401	3,095	326	1,650	7	3	309	297
Idaho-----	772	2,553	816	2,778	380	1,720	195	812	36	15	205	231
Ill-----	19,774	58,423	21,295	64,021	8,020	36,071	4,452	22,529	4,747	2,306	4,076	3,115
Ind-----	9,164	24,104	9,505	26,518	3,159	13,981	1,678	9,306	2,429	1,211	2,239	2,020
Iowa-----	3,809	12,028	3,980	13,167	2,001	8,596	787	3,555	436	184	756	832
Kans-----	3,081	9,532	3,248	10,639	1,481	7,018	612	2,699	540	244	615	678
Ky-----	4,880	10,448	5,060	11,514	1,347	6,172	636	3,614	2,007	846	1,070	882
La-----	7,820	13,531	8,164	14,923	1,175	7,179	877	4,826	4,472	1,645	1,640	1,273
Maine-----	1,446	3,785	1,443	4,060	537	2,327	273	1,252	206	104	427	377
Md-----	6,295	15,845	6,462	17,757	1,933	9,718	1,014	6,151	2,315	1,008	1,200	880
Mass-----	9,205	26,654	9,271	28,783	3,417	16,027	1,814	10,273	2,363	1,167	1,677	1,316
Mich-----	15,466	43,457	15,596	47,824	4,704	21,477	4,213	21,332	2,938	1,422	3,741	3,593
Minn-----	4,385	14,789	4,536	16,369	1,944	9,440	1,243	5,692	485	212	864	1,025
Miss-----	2,445	5,815	2,622	6,542	546	3,448	464	2,096	775	288	837	710
Mo-----	8,086	21,380	8,495	23,366	2,925	12,770	1,710	8,080	2,080	974	1,780	1,542
Mont-----	757	2,634	776	2,884	345	1,807	187	805	41	16	203	256
Nebr-----	1,937	6,424	2,038	7,029	1,011	4,712	388	1,795	212	94	427	428
Nev-----	467	1,701	499	1,859	150	1,055	184	649	18	8	147	147
N.H-----	1,121	3,101	1,139	3,367	457	1,976	198	963	222	111	262	317
N.J-----	11,081	38,168	11,354	40,891	4,946	24,176	2,127	13,847	2,549	1,418	1,732	1,450
N. Mex-----	1,104	3,783	1,200	4,106	389	2,229	277	1,453	151	84	383	340
N.Y-----	27,609	96,755	27,757	103,382	11,882	57,983	5,785	37,943	4,614	2,335	5,476	5,121
N.C-----	8,860	18,110	9,255	19,851	2,346	10,351	1,374	6,427	3,416	1,498	2,119	1,575
N.Dak-----	674	2,261	707	2,587	335	1,583	159	708	6	3	207	293
Ohio-----	18,316	51,029	18,822	55,540	6,604	30,292	3,575	19,406	5,151	2,579	3,492	3,263
Okla-----	3,266	9,972	3,391	11,005	1,245	6,444	556	3,403	566	291	1,024	867
Oreg-----	2,253	8,028	2,347	8,707	910	5,055	593	2,656	147	62	697	934
Pa-----	23,633	58,453	24,164	63,458	8,622	35,364	3,869	20,917	7,252	3,416	4,421	3,761
R.I-----	1,817	4,358	1,866	4,762	629	2,786	344	1,301	472	231	421	444
S.C-----	5,735	9,277	5,977	10,264	1,239	4,860	684	3,159	2,933	1,370	1,121	875
S. Dak-----	679	2,438	698	2,649	404	1,875	138	598	8	4	148	172
Tenn-----	7,290	14,909	7,481	16,510	1,431	8,070	1,200	5,729	3,351	1,414	1,499	1,297
Tex-----	15,416	44,440	16,040	49,156	5,084	28,183	2,953	15,579	3,820	1,847	4,183	3,547
Utah-----	1,529	4,380	1,580	4,681	559	2,582	420	1,605	150	59	451	435
Vt-----	568	1,588	590	1,819	251	1,089	111	542	90	46	138	142
Va-----	7,676	18,878	8,096	21,208	2,030	10,546	1,282	8,036	3,069	1,285	1,715	1,341
Wash-----	3,425	12,647	3,641	14,070	1,444	7,871	1,131	5,361	294	121	772	717
W. Va-----	2,594	6,219	2,709	6,655	736	3,119	455	2,558	773	392	745	586
Wis-----	5,780	18,272	5,864	19,856	2,664	12,106	1,528	6,452	794	364	878	934
Wyo-----	372	1,458	386	1,561	183	984	91	463	12	6	100	108

<sup>1</sup> Includes group credit certificates.<sup>2</sup> Insures borrower to cover loans in case of death.Source: Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*.



# No. 670. EMPLOYEE-BENEFIT PLANS—ESTIMATED COVERAGE, CONTRIBUTIONS, AND BENEFITS PAID: 1964 AND 1965

[In millions, except percent. Coverage data refer to civilian wage and salary workers and their dependents; contributions to amounts subscribed by employers and employees, in total. Comprises plans whose benefits flow from the employment relationship and are not underwritten or paid directly by government. Excludes workmen's compensation required by statute and employer's liability]

YEAR AND TYPE OF BENEFIT	COVERAGE				CONTRIBUTIONS <sup>1</sup>		Benefits paid
	Total	Employees		Dependents	Amount	Percent of total wages and salaries	
		Number	Percent of employed wage and salary workers				
1964							
Total.....	(X)	(X)	(X)	(X)	\$17, 168	(X)	\$11, 772
Private and public employees:							
Life insurance and death benefits.....	45	40	63.3	5	2, 039	0.63	1, 426
Accidental death and dismemberment.....	26	26	42.1	(X)	99	0.03	88
Hospitalization <sup>2</sup> .....	118	46	72.8	72	3, 801	1.18	3, 651
Written in compliance with law.....	(Z)	(Z)	(X)	(X)	(NA)	(X)	2
Surgical <sup>2</sup> .....	113	44	69.9	69	1, 840	0.57	1, 709
Regular medical <sup>2</sup> .....	93	37	58.1	56			
Major medical expense <sup>4</sup> .....	43	16	24.8	27	965	0.30	869
Private employees only:							
Temporary disability <sup>5</sup> .....	26	26	<sup>6</sup> 50.0	(X)	1, 387	<sup>6</sup> 0.52	1, 212
Written in compliance with law.....	6	6	(X)	(X)	238	(X)	191
Supplemental unemployment benefits <sup>7</sup> .....	2	2	<sup>6</sup> 3.7	(X)	147	<sup>6</sup> 0.05	57
Retirement <sup>8</sup> .....	25	25	<sup>6</sup> 46.5	(X)	6, 890	<sup>6</sup> 2.56	2, 760
1965							
Total.....	(X)	(X)	(X)	(X)	\$19, 086	(X)	\$13, 008
Private and public employees:							
Life insurance and death benefits.....	47	41	63.4	5	2, 224	0.64	1, 542
Accidental death and dismemberment.....	28	28	43.5	(X)	116	0.03	90
Hospitalization <sup>2</sup> .....	122	48	73.1	74	4, 202	1.21	4, 036
Written in compliance with law.....	(Z)	(Z)	(X)	(X)	(NA)	(X)	2
Surgical <sup>2</sup> .....	117	46	70.2	71	2, 046	0.59	1, 791
Regular medical <sup>2</sup> .....	97	38	58.7	58			
Major medical expense <sup>4</sup> .....	47	18	26.8	30	1, 078	0.31	1, 004
Private employees only:							
Temporary disability <sup>5</sup> .....	28	28	50.5	(X)	1, 549	0.54	1, 312
Written in compliance with law.....	6	6	(X)	(X)	259	(X)	198
Supplemental unemployment benefits <sup>7</sup> .....	2	2	3.8	(X)	120	0.04	54
Retirement <sup>8</sup> .....	25	25	46.4	(X)	7, 750	2.66	3, 180

NA Not available. X Not applicable. Z Less than 500,000.

<sup>1</sup> Excludes dividends in group insurance. <sup>2</sup> Coverage data include persons covered by group comprehensive major medical expense insurance as well as those with basic benefits.

<sup>3</sup> Includes private hospital benefits written in compliance with California temporary disability insurance laws, shown separately.

<sup>4</sup> Group supplementary and comprehensive major medical insurance underwritten by commercial insurance companies.

<sup>5</sup> Includes private plans written in compliance with State temporary disability insurance laws in California, New Jersey, and New York, shown separately, and formal sick-leave plans.

<sup>6</sup> Computed as percent of private wage and salary workers and private wages and salaries.

<sup>7</sup> Excludes dismissal wage and separation allowances, except when financed from unemployment benefit funds covering temporary and permanent layoffs.

<sup>8</sup> Includes pay-as-you-go and deferred profit-sharing plans, plans for nonprofit organizations, union pension plans, and railroad plans supplementing the Federal railroad retirement program.

Source: Dept. of Health, Education, and Welfare, Social Security Administration. Based on data from various life insurance agencies and trade union and industry reports; *Social Security Bulletin*, April 1967.

## No. 671. MAJOR MEDICAL EXPENSE INSURANCE—PERSONS COVERED: 1955 TO 1965

[In thousands. As of December 31. Represents persons covered by insurance companies only. Excludes members of the Blue Cross-Blue Shield, medical-society sponsored, and all other independent plans. Major medical expense insurance provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used as a supplement to basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances]

TYPE OF COVERAGE	1955	1958	1959	1960	1961	1962	1963	1964	1965
<b>Total</b> .....	5,241	17,375	21,850	27,448	34,138	38,250	42,441	47,001	51,946
Group policies.....	4,759	16,229	20,353	25,608	31,517	35,053	38,699	42,579	47,269
Supplementary.....	3,928	11,072	13,900	17,285	22,281	25,301	28,248	31,772	35,988
Comprehensive.....	831	5,157	6,453	8,323	9,236	9,752	10,451	10,807	11,281
Individual and family policies.....	482	1,146	1,497	1,840	2,621	3,197	3,742	4,422	4,877

Source: The Health Insurance Council, New York, N.Y.; annual report, *The Extent of Voluntary Health Insurance Coverage in the United States*.



## No. 672. HEALTH INSURANCE—PERSONS COVERED, 1940 TO 1965, AND BY STATES, 1965

[In thousands, except percent. As of December 31. Prior to 1960, excludes Alaska and Hawaii. Estimates of extent of health insurance coverage, based on enrollment reported by health insurance organizations with adjustment for persons insured by more than one type of health insurance organization, generally exceed estimates based on household interview surveys by a margin of about 10 percent. See table 92 for results of latest Public Health Service household survey of extent of health insurance coverage. See also *Historical Statistics, Colonial Times to 1967*, series X 469-482]

YEAR AND STATE	NUMBER OF PERSONS COVERED			PERCENT OF POPULATION COVERED <sup>3</sup>		
	Hospital	Surgical <sup>1</sup>	Medical <sup>2</sup>	Hospital	Surgical <sup>1</sup>	Medical <sup>2</sup>
1940.....	12,312	5,350	3,000	9.4	4.1	2.3
1945.....	32,068	12,890	4,713	25.1	10.1	3.7
1950.....	76,639	54,156	21,589	51.0	36.1	14.4
1955.....	107,662	91,927	55,506	66.3	56.6	34.2
1960.....	131,962	121,045	87,541	74.1	67.9	49.1
1962.....	141,437	131,185	98,204	76.3	70.8	53.0
1963.....	147,168	136,831	103,263	78.2	72.7	54.9
1964.....	151,123	140,667	108,717	79.2	73.7	57.0
1965						
United States.....	156,047	145,938	112,808	80.9	75.6	58.5
Alabama.....	2,435	2,342	1,503	70.6	67.9	43.6
Alaska.....	110	86	77	49.1	38.4	34.4
Arizona.....	881	850	570	54.6	52.7	35.3
Arkansas.....	1,080	1,070	659	55.1	54.6	33.6
California.....	13,882	12,611	11,021	74.9	68.0	59.5
Colorado.....	1,548	1,512	1,262	79.5	77.7	64.8
Connecticut.....	2,543	2,281	2,026	89.4	80.2	71.3
Delaware.....	454	438	398	90.4	87.3	79.3
District of Columbia <sup>4</sup> .....	1,535	1,450	1,330	193.8	183.1	167.9
Florida.....	4,267	4,003	2,563	73.8	69.2	44.3
Georgia.....	3,502	3,234	1,557	81.6	75.3	36.3
Hawaii.....	500	467	442	76.5	71.4	67.6
Idaho.....	446	359	253	65.0	52.3	36.9
Illinois.....	9,461	9,326	7,084	89.0	87.7	66.6
Indiana.....	4,142	4,036	3,047	84.7	82.5	62.3
Iowa.....	2,297	2,182	1,654	83.4	79.3	60.1
Kansas.....	1,682	1,630	1,190	76.7	74.3	54.2
Kentucky.....	2,109	2,020	1,543	67.0	64.2	49.0
Louisiana.....	2,219	1,842	1,129	62.9	52.2	32.0
Maine.....	778	693	566	79.9	71.1	58.1
Maryland.....	2,365	2,045	1,670	67.6	58.5	47.7
Massachusetts.....	4,788	4,565	4,210	90.0	85.8	79.2
Michigan.....	7,332	7,042	6,036	89.1	85.6	73.4
Minnesota.....	3,029	2,839	2,140	85.2	79.9	60.2
Mississippi.....	1,319	1,219	794	57.0	52.7	34.3
Missouri.....	3,796	3,622	2,780	84.8	80.9	62.1
Montana.....	485	438	309	69.6	62.8	44.3
Nebraska.....	1,044	1,069	801	71.3	73.0	54.7
Nevada.....	242	237	175	54.8	53.6	39.6
New Hampshire.....	464	463	385	69.7	69.5	57.8
New Jersey.....	4,970	4,664	4,205	73.2	68.7	61.9
New Mexico.....	571	564	385	56.4	55.7	38.0
New York.....	17,329	16,178	14,050	95.6	89.3	77.5
North Carolina.....	3,660	3,554	1,559	75.6	73.4	32.2
North Dakota.....	532	497	385	83.3	77.8	60.3
Ohio.....	9,267	8,291	6,345	90.3	80.8	61.8
Oklahoma.....	1,879	1,776	1,203	76.4	72.3	48.9
Oregon.....	1,617	1,542	1,301	85.1	81.1	68.4
Pennsylvania.....	10,739	9,435	7,264	93.4	82.0	63.2
Rhode Island.....	797	759	730	91.4	87.0	83.7
South Carolina.....	1,989	1,745	790	79.5	69.8	31.6
South Dakota.....	512	481	326	73.7	69.2	46.9
Tennessee.....	2,894	2,796	1,940	75.4	72.9	50.5
Texas.....	7,220	6,763	4,562	69.0	64.6	43.6
Utah.....	735	722	630	74.0	72.7	63.4
Vermont.....	331	317	256	83.2	79.6	64.3
Virginia.....	2,863	2,707	1,838	66.2	62.5	42.5
Washington.....	2,310	2,174	1,831	78.7	74.0	62.3
West Virginia.....	1,444	1,425	1,100	80.3	79.2	61.1
Wisconsin.....	3,408	3,334	2,757	82.0	80.3	66.4
Wyoming.....	245	244	177	72.9	72.6	52.7

<sup>1</sup> Generally includes expense for obstetrical service.

<sup>2</sup> Primarily relates to expense for physicians' in-hospital medical visits.

<sup>3</sup> Source: Dept. of Health, Education, and Welfare, Social Security Administration. Based on Bureau of the Census estimated population; for U.S., civilian population as of end of each year; for States, civilian population as of July 1, 1965.

<sup>4</sup> Includes persons living in Maryland and Virginia but enrolled in insurance or prepayment plans in District of Columbia.

Source: Health Insurance Institute, New York, N.Y.; *Source Book of Health Insurance Data*, 1966, except as noted.

## No. 673. HEALTH INSURANCE—PERSONS COVERED: 1950 TO 1965

[Number of persons in thousands. Prior to 1958, excludes Alaska and Hawaii. Not adjusted to eliminate duplication for persons having protection through more than one type of insuring organization or holding more than one policy. See also *Historical Statistics, Colonial Times to 1967*, series X 469-482]

YEAR	HOSPITALIZATION INSURANCE				SURGICAL INSURANCE <sup>2</sup>				MEDICAL INSURANCE <sup>3</sup>			
	Insurance companies		Blue Cross-Blue Shield plans	Independent plans <sup>1</sup>	Insurance companies		Blue Cross-Blue Shield plans	Independent plans <sup>1</sup>	Insurance companies		Blue Cross-Blue Shield plans	Independent plans <sup>1</sup>
	Group policies	Individual policies			Group policies	Individual policies			Group policies	Individual policies		
NUMBER												
1950.....	22,305	17,296	37,645	4,445	21,219	13,718	17,253	3,760	5,587	2,714	9,400	3,320
1955.....	39,029	26,706	48,924	6,545	39,725	22,445	37,395	5,930	20,678	6,264	28,500	5,440
1959.....	51,255	31,718	55,054	6,380	51,756	27,456	46,386	6,188	32,469	8,582	39,200	5,807
1960.....	55,218	32,902	57,464	5,994	55,504	28,209	48,266	7,336	35,802	8,902	41,700	6,916
1961.....	57,013	33,874	57,980	7,102	57,373	30,402	49,374	8,494	38,003	10,117	43,700	8,030
1962.....	59,153	36,061	59,618	6,937	59,787	31,443	50,876	8,287	40,012	10,974	46,000	7,789
1963.....	62,817	38,065	60,698	7,165	63,288	33,745	52,371	8,608	43,343	11,884	48,200	8,093
1964.....	64,506	39,724	62,429	6,840	64,939	34,775	54,473	8,297	47,446	12,318	49,800	7,425
1965.....	67,104	41,420	63,662	6,984	67,557	36,845	56,330	8,684	50,632	12,559	53,119	7,828
RATE <sup>4</sup>												
1950.....	148	115	250	29	141	91	114	25	37	18	62	22
1955.....	238	163	298	40	242	137	228	36	126	38	174	33
1959.....	290	179	311	36	293	155	262	35	184	49	222	33
1960.....	307	183	320	33	309	157	268	41	199	50	232	38
1961.....	312	186	318	39	314	167	271	47	208	55	239	44
1962.....	319	194	322	37	322	170	274	45	216	59	248	42
1963.....	334	202	323	38	336	179	278	46	230	63	256	43
1964.....	338	208	327	36	340	182	286	43	249	65	261	39
1965.....	348	215	330	36	350	191	292	45	262	65	275	41

<sup>1</sup> All plans or organizations, other than insurance companies or Blue Cross-Blue Shield plans, which provide health care benefits on a prepayment or group payment basis; includes community-consumer plans, employer-employee-union plans, private group clinic plans and medical society plans.

<sup>2</sup> Generally includes expense for obstetrical services.

<sup>3</sup> Includes only coverage of expense of physician in-hospital medical visits.

<sup>4</sup> Rate per 1,000 population. Based on Bureau of the Census estimates of civilian population as of end of each year.

Source: Dept. of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, November 1966.

## No. 674. HEALTH INSURANCE—PREMIUMS WRITTEN AND BENEFIT PAYMENTS: 1950 TO 1965

[In millions of dollars. Represents premiums written and benefits paid by insurance companies only. Excludes Blue Cross-Blue Shield plans and medical-society sponsored, and all other independent plans]

ITEM	1950	1955	1960	1962	1963	1964	1965
<b>Premiums written.....</b>	1,266	2,743	4,671	5,595	6,145	6,769	7,352
Group policies.....	629	1,573	2,895	3,512	3,843	4,240	4,683
Individual and family policies.....	637	1,170	1,776	2,083	2,302	2,529	2,669
<b>Benefit payments.....</b>	755	1,785	3,069	3,763	4,152	4,658	5,160
Type of protection:							
Group policies.....	438	1,252	2,350	2,911	3,203	3,585	4,000
Individual and family policies.....	317	533	719	852	949	1,073	1,160
Type of coverage:							
Loss of income <sup>1</sup> .....	(NA)	(NA)	839	906	936	1,012	1,046
Hospital expense <sup>2</sup> .....	(NA)	(NA)	1,235	1,515	1,690	1,914	2,157
Surgical expense <sup>2</sup> .....	(NA)	(NA)	425	488	532	584	634
Medical expense <sup>2</sup> .....	(NA)	(NA)	115	136	152	174	200
Major medical expense.....	(NA)	(NA)	431	691	813	942	1,091
Accident "medical reimbursement".....	(NA)	(NA)	24	27	29	32	32

NA Not available.

<sup>1</sup> Excludes accidental death and dismemberment benefits.

<sup>2</sup> Excludes benefits for hospital, surgical, and regular medical expenses received by major medical expense policyholders.

Source: Health Insurance Association of America, New York, N.Y. In *Source Book of Health Insurance Data*.

No. 675. ACCIDENT AND HEALTH BUSINESS OF PROPERTY AND LIFE INSURANCE COMPANIES: 1964 AND 1965

[Money figures in millions of dollars]

ITEM	1964			1965		
	Total	Property	Life	Total	Property	Life
Number of companies reporting.....	588	137	451	588	145	443
Admitted assets.....	153,704	18,720	134,984	163,751	22,125	141,626
Total liabilities.....	134,008	11,097	122,911	142,970	13,336	129,634
Premiums written <sup>1</sup> .....	6,789	855	5,934	7,514	950	6,564
Premiums earned <sup>1</sup> .....	6,673	836	5,837	7,389	934	6,456
Losses incurred.....	5,105	609	4,496	5,680	680	5,000
Total expenses incurred <sup>2</sup> .....	1,602	229	1,373	1,701	251	1,451
Ratio of losses incurred to premiums earned....	76.5	72.8	77.0	76.9	72.8	77.5
CLASSIFICATION OF BUSINESS						
Group accident and health:						
Premiums earned <sup>1</sup> .....	4,390	565	3,825	4,914	626	4,287
Losses incurred.....	3,831	454	3,427	4,352	504	3,847
Ratio.....	88.4	80.3	89.6	88.6	80.5	89.7
Accidents only:						
Premiums earned <sup>1</sup> .....	196	59	137	213	67	146
Losses incurred.....	88	26	62	91	27	64
Ratio.....	45.0	44.1	45.3	42.8	40.7	43.8
Accident and health:						
Premiums earned <sup>1</sup> .....	582	108	474	620	119	501
Losses incurred.....	310	66	244	339	76	263
Ratio.....	53.3	61.5	51.5	54.7	63.6	52.6
Noncancellable accident and health:						
Premiums earned <sup>1</sup> .....	558	11	547	610	13	597
Losses incurred.....	260	5	255	285	6	279
Ratio.....	46.7	43.7	46.6	46.8	46.3	46.8
Hospital and medical:						
Premiums earned <sup>1</sup> .....	948	94	854	1,033	109	924
Losses incurred.....	565	58	507	613	67	547
Ratio.....	59.7	61.9	59.4	59.4	61.4	59.1

<sup>1</sup> Less dividends to policyholders or earned income credits.  
<sup>2</sup> Including adjustment expenses.

Source: The Spectator, Philadelphia, Pa.; annual report, *Health Insurance Index*.

No. 676. PROPERTY AND LIABILITY INSURANCE—PREMIUMS WRITTEN: 1963 TO 1965

In millions of dollars. Represents total premiums on all insurance policies written by companies, with inception dates in years shown]

TYPE	1963	1964	1965	TYPE	1963	1964	1965
Total.....	17,000	18,400	20,000	Workman's compensation....	1,725	1,868	2,033
Auto liability.....	4,527	4,886	5,421	Inland marine.....	429	455	474
Bodily injury.....	3,250	3,514	3,860	Ocean marine.....	246	248	256
Property damage.....	1,277	1,372	1,561	Surety and fidelity.....	384	392	402
Physical damage, auto.....	2,313	2,508	2,843	Burglary and theft.....	118	111	108
Liability, other than auto.....	1,091	1,111	1,124	Crop-hail.....	109	110	114
Fire <sup>2</sup> .....	2,271	2,212	2,172	Boiler and machinery.....	91	103	89
Multiple line <sup>3</sup> .....	1,493	1,704	2,015	Glass.....	45	42	40

<sup>1</sup> Includes all property, liability, and allied lines; other data are for principal lines only.  
<sup>2</sup> Includes extended coverage and allied lines.  
<sup>3</sup> Includes homeowner's, commercial package policies, etc.

Source: Insurance Information Institute, New York, N.Y. In *Insurance Facts*.



### No. 677. FIRE LOSSES—TOTAL AND PER CAPITA: 1916 TO 1965

[In thousands of dollars, except per capita. Prior to 1962, excludes Alaska and Hawaii. Covers all fires reported to the Actuarial Bureau Committee, plus an allowance for unreported and uninsured losses. Estimated fire losses are based on paid losses through 1953, on incurred losses thereafter]

YEARLY AVERAGE	Amount	YEARLY AVERAGE OR YEAR	Amount	YEAR	Amount	Per capita <sup>1</sup>
1916-1920.....	334, 044	1956-1960.....	1, 044, 729	1959.....	1, 047, 073	\$5.94
1921-1925.....	529, 160	1961-1965.....	1, 340, 472	1960.....	1, 107, 824	6.19
1926-1930.....	492, 190					
1931-1935.....	326, 083	1940.....	285, 879	1961.....	1, 209, 042	6.64
		1945.....	484, 274	1962.....	1, 265, 002	6.81
1936-1940.....	268, 215	1950.....	648, 909	1963.....	1, 405, 558	7.45
1941-1945.....	382, 547	1955.....	885, 218			
1946-1950.....	643, 489	1957.....	1, 023, 190	1964.....	1, 367, 128	7.14
1951-1955.....	833, 257	1958.....	1, 056, 266	1965.....	1, 455, 631	7.04

<sup>1</sup> Based on population estimates of the Bureau of the Census. Excludes Armed Forces abroad.

Source: 1916-1964, National Board of Fire Underwriters, New York, N.Y.; *Report of the Committee on Statistics and Origin of Losses*. Thereafter, Insurance Information Institute, New York, N.Y. In *Insurance Facts*.

### No. 678. FIRES IN COMMUNITIES OF 2,500 OR MORE: 1950 TO 1964

[Prior to 1962, excludes Alaska and Hawaii. Estimates based on reports received from fire chiefs]

ITEM	1950	1955	1960	1962	1963	1964
Number of cities reporting fires.....	1, 917	2, 344	2, 461	2, 778	2, 832	2, 828
Number of fires.....	838, 145	822, 392	923, 492	1, 150, 378	1, 314, 286	1, 309, 771
Per 1,000 population <sup>1</sup> .....	(NA)	(NA)	10.4	10.0	11.4	11.5
Building fires.....	389, 910	409, 044	437, 023	508, 793	541, 177	545, 426
Per 1,000 population <sup>1</sup> .....	(NA)	(NA)	4.9	4.4	4.7	4.8
Residential.....	280, 399	291, 324	310, 251	359, 162	383, 474	385, 743
Nonresidential assembly.....	13, 917	14, 944	17, 569	22, 413	24, 441	25, 094
Mercantile.....	45, 468	46, 279	48, 106	56, 087	57, 468	57, 752
Manufacturing.....	21, 054	21, 424	22, 893	27, 407	29, 025	28, 824
Storage.....	7, 561	8, 330	7, 351	8, 752	9, 675	9, 174
Miscellaneous.....	21, 511	26, 743	30, 853	34, 972	37, 094	38, 839
Nonbuilding fires.....	448, 235	413, 348	486, 469	641, 585	773, 109	764, 345
Per 1,000 population <sup>1</sup> .....	(NA)	(NA)	5.5	5.6	6.7	6.7
In grass or brush.....	259, 202	248, 804	253, 904	329, 882	414, 722	377, 615
Other.....	189, 033	164, 544	232, 565	311, 703	358, 387	386, 730

NA Not available. <sup>1</sup> Based on Bureau of the Census population enumerated as of Apr. 1, 1960.

Source: National Board of Fire Underwriters, New York, N.Y.; *Report of the Committee on Statistics and Origin of Losses*.

### No. 679. BUILDING FIRES RESULTING FROM KNOWN CAUSES: 1965

[Figures are for reported fires where the cause is ascertainable and do not represent either total number of fires or total property loss in the United States. Excludes unreported losses as well as building fires resulting from unknown causes]

CAUSE OF IGNITION	FIRES	
	Number	Percent
Total.....	846, 900	100.0
Heating and cooking.....	177, 600	21.0
Smoking and matches.....	159, 400	18.8
Electrical.....	143, 100	16.9
Rubbish, source of ignition unknown.....	42, 700	5.1
Flammable liquid fires and explosions not reported in heating and cooking.....	61, 400	7.3
Open flames and sparks.....	61, 000	7.2
Lightning.....	19, 400	2.3
Children and matches.....	55, 000	6.5
Exposure.....	21, 000	2.5
Incendary, suspicious.....	30, 900	3.7
Spontaneous ignition.....	17, 400	2.1
Gas fires and explosions not reported in heating and cooking.....	12, 900	1.5
Explosions, miscellaneous and unclassified.....	5, 700	0.7
Fireworks, firecrackers, and rockets.....	1, 600	0.2
Miscellaneous known causes.....	37, 800	4.5

Source: Insurance Information Institute, New York, N.Y. Data from National Fire Protection Association.

# No. 680. LIFE AND FIRE AND CASUALTY INSURANCE BUSINESS—STATES AND OTHER AREAS: 1965

[In millions of dollars. Figures for life insurance differ from those shown in preceding tables because slightly different groups of companies were used in compiling the data]

STATE OR OTHER AREA	LIFE INSURANCE				FIRE AND CASUALTY INSURANCE	
	Premiums received	In force, Dec. 31	Sales <sup>1</sup>	Terminations <sup>2</sup>	Direct premiums earned	Direct losses incurred
<b>Total</b> .....	<b>16,384</b>	<b>986,171</b>	<b>191,151</b>	<b>89,514</b>	<b>30,459</b>	<b>21,094</b>
Alabama.....	242	13,190	3,284	1,650	331	229
Alaska.....	13	713	231	77	40	25
Arizona.....	108	5,716	1,354	829	194	127
Arkansas.....	88	5,014	1,233	623	203	142
California.....	1,368	89,593	17,147	8,283	3,341	2,187
Colorado.....	153	8,919	1,681	880	291	217
Connecticut.....	287	16,884	2,514	1,018	524	355
Delaware.....	53	3,296	555	401	73	48
District of Columbia.....	78	5,769	1,129	757	198	148
Florida.....	446	23,720	6,339	3,393	812	582
Georgia.....	337	18,321	4,920	2,908	502	317
Hawaii.....	68	4,252	811	375	83	52
Idaho.....	44	2,488	597	302	89	57
Illinois.....	1,005	57,689	10,162	4,972	1,867	1,260
Indiana.....	392	23,633	4,471	1,990	745	556
Iowa.....	214	11,702	2,322	929	401	267
Kansas.....	159	8,922	1,809	880	321	205
Kentucky.....	177	10,065	2,333	1,230	337	221
Louisiana.....	232	13,018	3,025	1,743	421	566
Maine.....	66	3,519	582	262	121	81
Maryland.....	275	14,811	2,750	1,228	462	304
Massachusetts.....	480	26,836	3,817	1,688	1,065	740
Michigan.....	647	42,941	7,444	2,425	1,463	1,088
Minnesota.....	240	14,569	2,592	1,286	548	419
Mississippi.....	91	5,549	1,501	844	219	144
Missouri.....	361	20,829	4,215	1,971	669	446
Montana.....	46	2,529	495	259	97	65
Nebraska.....	114	6,208	1,435	840	209	130
Nevada.....	26	1,595	440	243	65	40
New Hampshire.....	54	2,989	566	274	110	71
New Jersey.....	664	37,498	5,731	2,184	1,178	798
New Mexico.....	60	3,600	767	392	111	72
New York.....	1,718	97,102	14,127	6,811	3,489	2,441
North Carolina.....	308	17,469	4,434	2,401	515	322
North Dakota.....	37	2,171	434	140	88	55
Ohio.....	867	49,820	8,762	4,339	1,411	1,003
Oklahoma.....	160	9,579	2,367	1,214	332	205
Oregon.....	134	7,743	1,428	609	290	186
Pennsylvania.....	1,033	56,892	9,105	4,591	1,625	1,169
Rhode Island.....	80	4,253	736	374	140	94
South Carolina.....	178	9,787	2,522	1,357	254	163
South Dakota.....	41	2,220	448	239	86	49
Tennessee.....	246	14,371	3,357	1,702	478	323
Texas.....	716	44,163	9,961	4,946	1,418	928
Utah.....	66	4,217	862	513	111	76
Vermont.....	28	1,498	272	117	54	33
Virginia.....	301	17,672	3,659	1,777	486	312
Washington.....	201	12,175	2,155	924	443	290
West Virginia.....	100	5,806	1,121	592	175	115
Wisconsin.....	316	17,601	2,994	1,267	610	418
Wyoming.....	25	1,388	261	150	42	26
Miscellaneous.....	223	30,038	12,273	3,928	( <sup>3</sup> )	( <sup>3</sup> )
Puerto Rico.....	25	1,491	493	220	(NA)	(NA)
Canada.....	983	71,838	11,043	4,074	1,316	924
Canal Zone.....	2	151	19	7	3	2
Mexico.....	1	149	28	73	(NA)	(NA)
Philippines.....	7	202	37	13	(NA)	(NA)
Virgin Islands.....	(NA)	(NA)	(NA)	(NA)	3	1

NA Not available.

<sup>1</sup> Comprises new policies issued, policies revived, and policies increased during the year.

<sup>2</sup> Comprises insurance terminated by death, maturity, expiry, surrender, lapse, decrease, and withdrawal.

<sup>3</sup> Included in State distribution.

Source: The Spectator, Philadelphia, Pa.; annual reports, *Desk Directory of Insurance and Insurance by States*.



## Section 17

### Business Enterprise

This section relates in general to the place and behavior of the business firm and of business initiative in the American economy. It includes data on the number of businesses; assets and liabilities of corporations; types of business income and expenditures; business sales and inventories; employment and payrolls for businesses subject to the Federal Insurance Contributions Act; and consumer cooperatives.

The principal sources of these data are the *Survey of Current Business* and *The National Income and Product Accounts of the United States, 1929-1965*, published by the Office of Business Economics; *County Business Patterns* issued by the Bureau of the Census; the *Federal Reserve Bulletin* issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service; and monthly statements issued by Dun & Bradstreet, Inc. Other sources are publications of the Securities and Exchange Commission, the Federal Trade Commission and the Administrative Office of the United States Courts.

**Business firms.**—A business firm is generally defined as a business organization under a single management and may include one or more plants or outlets; a firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The Internal Revenue Service concept of business firm relates primarily to the legal entity used for tax reporting purposes. Its *Statistics of Income* reports present data separately for sole proprietorships, partnerships, and corporations. While a few corporations file consolidated tax returns (i.e., one return for the parent firm and all its subsidiaries), most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

**Employment and payrolls.**—*County Business Patterns* provides information, by industry and by county, on employment, taxable payrolls, and number and employment-size of reporting units of private non-farm employers, and of non-profit membership organizations under compulsory coverage and of religious, charitable, educational, and other non-profit organizations covered under the elective provisions of the Federal Insurance Contributions Act (FICA).

The statistics in *County Business Patterns* are tabulated in terms of "reporting units." Each *manufacturing* location of a company is counted as a separate reporting unit. However, data for all *nonmanufacturing* locations of a given firm (i.e., separate legal entity) that are in the same kind of business and same county are consolidated into a single reporting unit, regardless of the number of locations operated.

**Industrial and commercial failures.**—These data, collected by Dun & Bradstreet, are available by years since 1857 and by months since 1900. The number of failures includes concerns involved in court proceedings or voluntary actions likely to end in loss to creditors; discontinuances with outside obligations paid in full are not included. Data cover manufacturers, wholesalers, retailers, building contractors, and certain types of commercial service, but do not encompass finance, insurance, and real estate companies; railroads and steamship lines; and amusement enterprises. Failures data are published monthly in *Dun's Review*.

**Corporate assets and liabilities.**—Data on corporate assets and liabilities are from the Internal Revenue Service and the Securities and Exchange Commission. In its annual report, *Statistics of Income, Corporation Income Tax Returns*, the Internal Revenue Service presents balance sheet and income account data for all active United States corporations. In a quarterly release entitled *Net Working Capital of U.S. Corporations*, the Securities and Exchange Commission publishes data on the net working



capital position of all United States corporations, exclusive of banks, savings and loan associations, insurance companies, and investment companies, showing the principal components of current assets and liabilities.

**Corporate income, profits, dividends, and taxes.**—Several agencies (the Internal Revenue Service, the Office of Business Economics, and the Federal Reserve Board) compile corporate income account data. These data, however, are not comparable because of differing methods of compilation.

The Internal Revenue Service publishes financial data for all business enterprises, both corporate and noncorporate, based on income tax returns filed by sole proprietorships, partnerships, and corporations. These data appear in *Statistics of Income—U.S. Business Tax Returns* and *Corporation Income Tax Returns*.

The corporate data issued by the Office of Business Economics are a part of its national income and product accounts and are defined as required for purposes of national income estimation. The primary sources of data for the estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the Internal Revenue Service. Various adjustments of the *Statistics of Income* data are required by the national income treatment, particularly with respect to depletion, capital gain or loss, and intercorporate dividends, and because the original corporate income statements do not represent the final stage of information.

Federal Reserve Board data relating to profits and dividends apply to particular industrial segments only, such as large manufacturing and public utility corporations.

**Sources and uses of corporate funds.**—These data indicate capital requirements of corporations and the manner in which they are financed. Sources of funds are equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of such factors as (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, and (2) transactions in securities held as permanent investments except public offerings.

**Business sales and inventories.**—Business sales and inventories as defined by the Office of Business Economics are the sum of data for manufacturing, merchant wholesalers, and retail trade. Sales are estimated aggregate values and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories data for manufacturing (see table 704) are based on data from the *Census of Manufactures* and the *Annual Survey of Manufactures*.

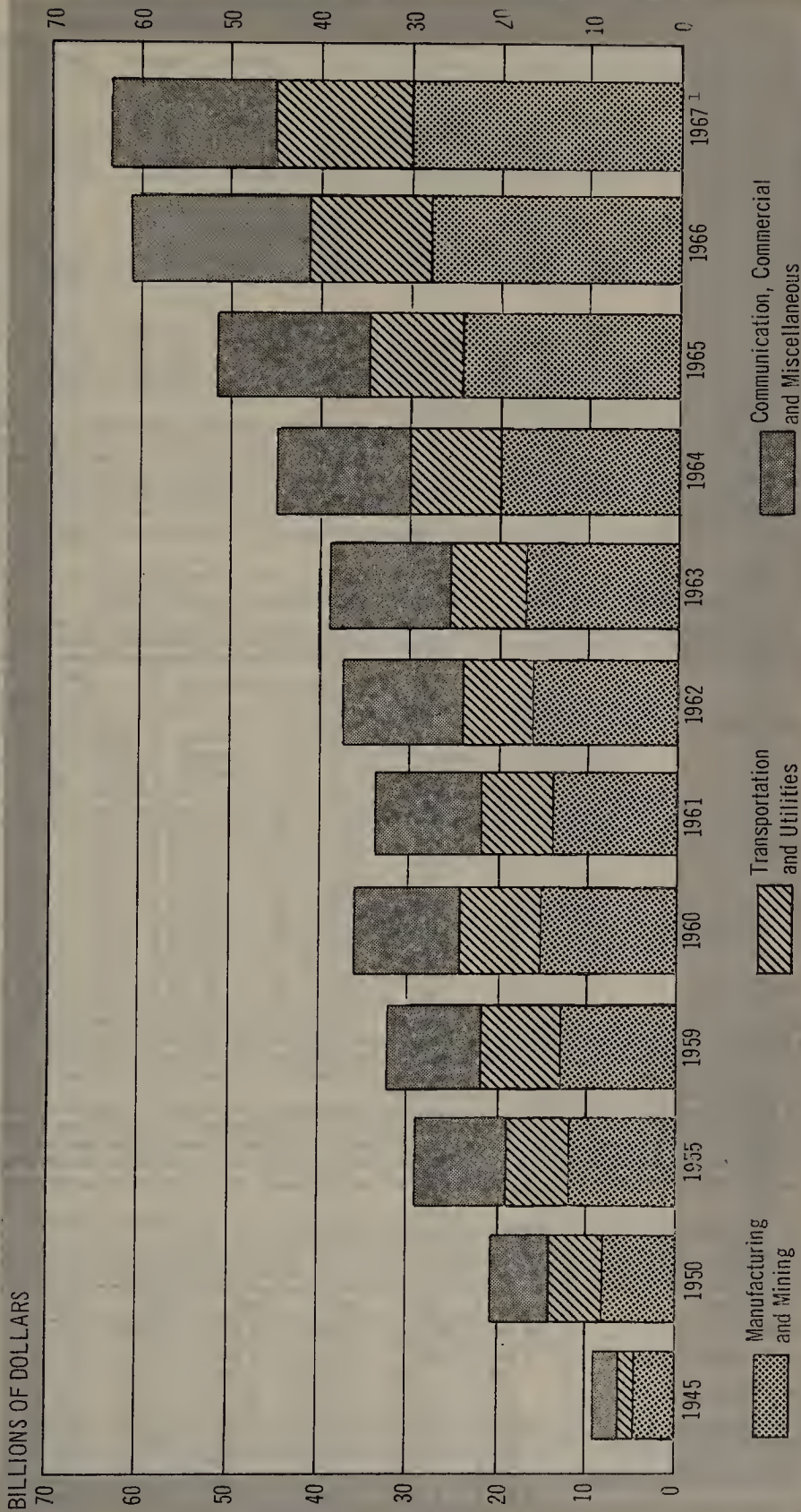
**Net change in business inventories.**—To ascertain net physical change in nonfarm inventories, book values of beginning and ending inventories of each year are expressed in terms of constant base year prices by means of selected Bureau of Labor Statistics wholesale price indexes appropriate to each industry. Net increment in deflated book value figures is then converted to a current price basis by index ratios of current prices to base year prices. No inventory valuation adjustment is shown for farm inventories because change in farm inventories is estimated by the Department of Agriculture from physical quantity data.

**Plant and equipment expenditures.**—A joint survey by the Securities and Exchange Commission and the Department of Commerce presents quarterly data on actual plant and equipment expenditures, and on anticipated expenditures for the next two or three quarters. In addition, at the beginning of each year, a survey is made of plans of business as regards capital expenditures during that year. The data are based on reports submitted by corporations registered with the Securities and Exchange Commission, by transportation companies under Interstate Commerce Commission jurisdiction, and by a large sample of nonregistered companies, unincorporated as well as corporate, reporting to the Department of Commerce.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXXI. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1945 TO 1967

[See table 707]



<sup>1</sup> Estimated; see footnote 1, table 707.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Securities and Exchange Commission and Dept. of Commerce, Office of Business Economics.



No. 681. SOLE PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER, RECEIPTS, DEDUCTIONS, AND PROFIT: 1939 TO 1964  
[Number in thousands; money figures in millions of dollars. See headnote, table 682]

ITEM	1939	1945	1953	1960	1961	1962	1963	1964
SOLE PROPRIETORSHIPS <sup>1</sup>								
Number.....	1,052	5,689	7,715	9,090	9,242	9,183	9,136	9,193
Business receipts <sup>2</sup> .....	23,505	79,028	143,792	171,257	170,981	178,420	181,551	188,783
Deductions <sup>3</sup> .....	<sup>4</sup> 21,027	66,957	(NA)	<sup>5</sup> 7,097	<sup>5</sup> 6,912	154,526	157,781	163,182
Net profit (less loss) <sup>6</sup> .....	2,478	12,069	17,007	21,067	22,697	23,895	23,771	25,556
ACTIVE PARTNERSHIPS								
Number.....	271	627	959	941	939	932	924	922
Total receipts <sup>7</sup> .....	14,763	47,301	79,985	74,308	74,707	73,673	73,274	74,822
Deductions <sup>3</sup> .....	13,199	40,534	71,591	65,948	66,018	65,159	64,606	65,578
Net profit (less loss) <sup>6</sup> .....	1,564	6,768	8,394	8,360	8,689	8,513	8,668	9,244
ACTIVE CORPORATIONS								
Number.....	470	421	698	1,141	1,190	1,268	1,323	1,374
Total receipts <sup>8</sup> .....	132,878	255,448	558,242	849,132	873,178	949,305	1,008,743	1,086,739
Deductions <sup>3</sup> .....	125,700	234,102	518,441	804,633	826,144	898,463	953,006	1,023,680
Net profit (less loss) <sup>6</sup> .....	6,735	21,139	39,485	43,505	45,894	49,606	54,285	61,575

NA Not available. <sup>1</sup> Individually owned businesses and farms.  
<sup>2</sup> Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the business. <sup>3</sup> Cost of goods sold, depreciation, and other expenses.  
<sup>4</sup> Excludes depreciation. <sup>5</sup> Depreciation only. <sup>6</sup> See footnote 4, table 682. <sup>7</sup> The sum of business receipts and such items as interest, rents, nonqualifying dividends, and other income. <sup>8</sup> Gross taxable receipts before deduction of goods sold, cost of operations, and net loss from sales of property other than capital assets. Also includes nontaxable interest; excludes all other nontaxable income recognized by the corporation.  
Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, U.S. Business Tax Returns*.

No. 682. SOLE PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER, RECEIPTS, AND NET PROFIT, BY INDUSTRY GROUP: 1964  
[Number in thousands; money figures in millions of dollars. Based on sample of unaudited tax returns filed for accounting periods ending between July 1 of year shown and June 30 of following year]

INDUSTRY GROUP	NUMBER <sup>1</sup>			BUSINESS RECEIPTS <sup>1 3</sup>			NET PROFIT (less loss) <sup>1 4</sup>		
	Sole propri- etor- ships <sup>2</sup>	Active part- ner- ships	Active corpo- rations	Sole propri- etor- ships <sup>2</sup>	Active part- ner- ships	Active corpo- rations	Sole propri- etor- ships <sup>2</sup>	Active part- ner- ships	Active corpo- rations
Total.....	9,193	922	1,374	188,738	73,252	1,018,889	25,556	9,244	61,575
Agric., forestry, and fisheries.....	3,289	130	26	29,532	4,929	5,966	2,999	611	139
Mining.....	33	14	14	985	976	12,709	<sup>5</sup> 47	23	1,228
Construction.....	695	57	104	17,101	6,616	48,776	2,335	682	943
Manufacturing.....	185	40	185	6,709	6,543	453,157	706	608	32,556
Transp., comm., elec., gas <sup>6</sup> .....	292	16	56	4,861	1,081	79,450	731	141	9,739
Wholesale and retail trade <sup>1</sup> .....	1,864	249	422	93,454	35,286	329,056	6,294	2,258	6,633
Wholesale.....	296	36	143	19,003	11,718	157,538	1,478	592	2,908
Retail.....	1,529	209	272	71,972	23,103	168,017	4,665	1,636	3,596
Fin., ins., and real estate.....	543	246	384	6,109	6,185	57,201	1,978	852	9,182
Services.....	2,240	167	177	29,290	11,609	32,487	10,466	4,064	1,159

<sup>1</sup> Includes business not allocable to individual industries. <sup>2</sup> Individually owned businesses and farms.  
<sup>3</sup> Receipts from sales and services less returns and allowances: (a) For sole proprietorships, excludes capital gains or losses and investment income not associated with the taxpayer's business; (b) For partnerships and corporations engaged in finance, insurance, and real estate, excludes a sizable part of income because reporting instructions prescribe separate entries for investment income.  
<sup>4</sup> Net profit or net income less loss or deficit: (a) Sole proprietorships: Business receipts less total deductions, including cost of goods sold; (b) Partnerships: Total receipts less total deductions, including cost of goods sold. Net profit includes investment and other income; (c) Corporation returns: Gross income subject to tax, less ordinary and necessary business deductions. <sup>5</sup> Net loss exceeds net profit. <sup>6</sup> Includes sanitary services.  
Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1964, U.S. Business Tax Returns*.

No. 683. INCOME OF UNINCORPORATED ENTERPRISES, BY INDUSTRY: 1940 TO 1965  
[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Income equals business receipts (exclusive of capital gains and expenses) less business expenses (exclusive of capital losses and depletion allowances)]

INDUSTRY	1940	1945	1950	1955	1960	1964	1965
All industries.....	13,090	31,528	38,569	41,899	46,228	51,945	56,119
Agriculture, forestry, and fisheries.....	4,529	12,371	13,860	11,868	12,394	12,568	15,660
Mining.....	69	129	295	339	276	246	239
Contract construction.....	697	1,094	3,088	3,167	3,357	3,921	4,039
Manufacturing.....	523	2,365	2,047	2,035	1,841	1,876	1,936
Wholesale and retail trade.....	3,904	9,683	10,076	11,143	11,503	12,305	12,500
Finance, insurance, and real estate.....	433	899	1,831	2,915	3,163	3,418	3,482
Transportation.....	286	432	655	754	794	1,007	1,071
Communications and public utilities.....	7	23	34	61	71	103	110
Services.....	2,642	4,532	6,683	9,617	12,829	16,501	17,082

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*.



**No. 684. SOLE PROPRIETORSHIPS AND PARTNERSHIPS—NUMBER, BUSINESS RECEIPTS, AND NET PROFIT, STATES AND OTHER AREAS: 1963**

[Number in thousands; money figures in millions of dollars. Totals in this table differ slightly from totals shown in other tables in this section based on Internal Revenue Service data because of minor variations between estimating techniques for deriving subnational and national statistics. See headnote, table 682]

STATE OR OTHER AREA	SOLE PROPRIETORSHIPS <sup>1</sup>			PARTNERSHIPS		
	Number of businesses	Business receipts <sup>2</sup>	Net profit (less loss) <sup>3</sup>	Number of partnerships	Business receipts <sup>2</sup>	Net profit (less loss) <sup>3</sup>
<b>Total.....</b>	<b>9,138</b>	<b>181,430</b>	<b>23,758</b>	<b>924</b>	<b>71,732</b>	<b>8,666</b>
<b>New England.....</b>	<b>389</b>	<b>8,014</b>	<b>1,392</b>	<b>36</b>	<b>2,272</b>	<b>370</b>
Maine.....	52	822	116	3	166	26
New Hampshire.....	29	549	81	2	122	14
Vermont.....	25	562	53	2	94	7
Massachusetts.....	167	3,579	669	14	1,060	181
Rhode Island.....	26	516	94	3	166	26
Connecticut.....	90	1,986	379	12	664	116
<b>Middle Atlantic.....</b>	<b>1,233</b>	<b>28,599</b>	<b>4,429</b>	<b>179</b>	<b>15,013</b>	<b>1,929</b>
New York.....	606	13,643	2,327	98	8,503	1,192
New Jersey.....	203	4,850	827	31	2,264	311
Pennsylvania.....	424	10,106	1,275	50	4,246	426
<b>East North Central.....</b>	<b>1,877</b>	<b>34,516</b>	<b>5,188</b>	<b>171</b>	<b>12,315</b>	<b>1,683</b>
Ohio.....	456	7,756	1,243	37	2,059	341
Indiana.....	305	4,647	692	19	1,349	187
Illinois.....	508	10,805	1,640	61	4,802	612
Michigan.....	339	7,181	966	35	2,982	372
Wisconsin.....	269	4,127	647	19	1,123	171
<b>West North Central.....</b>	<b>1,382</b>	<b>23,472</b>	<b>2,986</b>	<b>100</b>	<b>6,738</b>	<b>845</b>
Minnesota.....	258	4,270	501	20	1,202	165
Iowa.....	300	5,290	689	24	1,492	191
Missouri.....	301	4,547	609	23	1,634	214
North Dakota.....	84	1,139	221	4	233	34
South Dakota.....	86	1,391	153	5	298	31
Nebraska.....	155	2,937	381	11	864	91
Kansas.....	198	3,898	427	13	1,015	119
<b>South Atlantic.....</b>	<b>1,154</b>	<b>21,021</b>	<b>2,587</b>	<b>102</b>	<b>6,850</b>	<b>883</b>
Delaware.....	18	411	42	1	118	13
Maryland.....	120	2,645	409	11	850	120
District of Columbia.....	23	286	77	4	364	69
Virginia.....	170	2,799	346	14	938	125
West Virginia.....	66	1,046	137	9	280	34
North Carolina.....	261	4,057	499	18	1,085	136
South Carolina.....	95	1,705	155	7	579	72
Georgia.....	171	3,537	345	14	1,268	136
Florida.....	230	4,535	577	24	1,368	178
<b>East South Central.....</b>	<b>675</b>	<b>10,574</b>	<b>1,092</b>	<b>54</b>	<b>4,871</b>	<b>489</b>
Kentucky.....	224	2,677	373	16	1,020	123
Tennessee.....	220	3,550	351	19	1,698	159
Alabama.....	131	2,634	212	11	1,370	128
Mississippi.....	100	1,713	156	8	783	79
<b>West South Central.....</b>	<b>1,014</b>	<b>20,703</b>	<b>1,751</b>	<b>89</b>	<b>8,162</b>	<b>824</b>
Arkansas.....	117	1,844	215	9	844	85
Louisiana.....	121	2,873	292	11	1,030	127
Oklahoma.....	183	3,095	272	12	1,244	126
Texas.....	593	12,891	972	57	5,044	486
<b>Mountain.....</b>	<b>410</b>	<b>8,599</b>	<b>905</b>	<b>45</b>	<b>2,942</b>	<b>337</b>
Montana.....	56	1,021	126	5	291	43
Idaho.....	61	1,115	109	4	286	36
Wyoming.....	25	594	46	3	188	13
Colorado.....	107	2,125	262	13	853	106
New Mexico.....	44	936	80	5	334	37
Arizona.....	56	1,450	136	7	425	40
Utah.....	46	865	91	5	370	38
Nevada.....	15	493	55	3	195	24
<b>Pacific.....</b>	<b>996</b>	<b>25,883</b>	<b>3,423</b>	<b>144</b>	<b>12,569</b>	<b>1,302</b>
Washington.....	146	3,207	445	16	1,155	145
Oregon.....	106	2,263	285	13	1,268	150
California.....	710	19,739	2,594	111	9,918	974
Alaska.....	10	224	23	1	77	10
Hawaii.....	24	450	76	3	151	23
Other areas <sup>4</sup> .....	4	49	2	-	-	-

- Represents zero.

<sup>1</sup> Individually owned businesses and farms. <sup>2</sup> Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business.

<sup>3</sup> For sole proprietorships: Business receipts less total deductions, including cost of goods sold. For partnerships: Total receipts less total deductions, including cost of goods sold; includes investment and other income.

<sup>4</sup> Includes U.S. possessions.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1963, U.S. Business Tax Returns.*

# No. 685. SOLE PROPRIETORSHIPS—NUMBER, RECEIPTS, AND NET PROFIT, BY INDUSTRY AND SIZE OF NET PROFIT: 1964

[Number in thousands; money figures in millions of dollars. Covers individually owned businesses and farms. See headnote, table 682]

ITEM	Total	SIZE OF NET PROFIT							With no net profit
		Under \$2,000	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 and over	
<b>All industrial divisions: <sup>1</sup></b>									
Number .....	9,193	3,493	1,892	1,006	310	143	82	142	2,125
Business receipts <sup>2</sup> .....	188,738	23,517	38,764	42,996	21,286	12,331	8,745	21,418	19,681
Net profit (less loss) <sup>3</sup> .....	25,556	2,802	6,250	6,964	3,760	2,456	1,827	5,541	4,044
<b>Agric., forestry, fisheries:</b>									
Number .....	3,289	1,331	541	196	40	12	6	8	1,155
Business receipts <sup>2</sup> .....	29,532	6,581	7,569	5,121	1,793	672	541	1,022	6,233
Net profit (less loss) <sup>3</sup> .....	2,999	1,010	1,745	1,315	485	203	122	275	2,156
<b>Mining:</b>									
Number .....	33	10	4	3	1	( <sup>4</sup> )	(Z)	1	13
Business receipts <sup>2</sup> .....	985	72	66	123	85	( <sup>4</sup> )	31	225	347
Net profit (less loss) <sup>3</sup> .....	647	8	13	21	14	( <sup>4</sup> )	7	70	185
<b>Construction:</b>									
Number .....	695	274	207	108	26	9	5	6	60
Business receipts <sup>2</sup> .....	17,101	1,595	3,379	4,298	2,195	1,258	937	2,047	1,392
Net profit (less loss) <sup>3</sup> .....	2,335	255	684	743	316	161	113	217	154
<b>Manufacturing:</b>									
Number .....	185	63	40	24	10	4	2	4	38
Business receipts <sup>2</sup> .....	6,709	590	1,022	1,341	857	520	414	1,365	600
Net profit (less loss) <sup>3</sup> .....	706	53	137	171	122	72	52	179	80
<b>Transp., communication, electric, gas, sanitary services:</b>									
Number .....	292	110	78	36	8	3	2	2	53
Business receipts <sup>2</sup> .....	4,861	714	1,066	1,078	481	279	167	425	651
Net profit (less loss) <sup>3</sup> .....	731	100	257	245	101	46	34	62	114
<b>Wholesale and retail trade:</b>									
Number .....	1,864	595	442	294	90	37	17	22	367
Business receipts <sup>2</sup> .....	93,454	10,247	19,726	24,128	11,687	6,515	4,243	8,903	8,005
Net profit (less loss) <sup>3</sup> .....	6,294	491	1,495	2,048	1,080	624	383	817	644
<b>Finance, insurance, real estate:</b>									
Number .....	543	195	107	83	30	13	7	8	100
Business receipts <sup>2</sup> .....	6,109	598	1,003	1,405	827	470	390	835	581
Net profit <sup>3</sup> .....	1,978	156	359	584	362	229	148	319	179
<b>Services:</b>									
Number .....	2,240	890	462	259	104	64	43	91	327
Business receipts <sup>2</sup> .....	29,290	3,020	4,733	5,393	3,294	2,542	1,955	6,560	1,793
Net profit (less loss) <sup>3</sup> .....	10,466	710	1,526	1,818	1,266	1,109	961	3,592	516

Z Less than \$500. <sup>1</sup> Includes business not allocable to individual industries.

<sup>2</sup> See footnote 3, table 682. <sup>3</sup> See footnote 4, table 682.

<sup>4</sup> Estimate not shown separately because of high sampling variability; however, data are included in totals.

<sup>5</sup> Net loss exceeds net profit.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1964, U.S. Business Tax Returns*, and unpublished data.

# No. 686. REPORTING UNITS, EMPLOYMENT, AND PAYROLLS UNDER SOCIAL SECURITY—MAJOR INDUSTRY GROUP: 1962 AND 1965

[See headnote, table 687]

INDUSTRY GROUP	1962			1965		
	Total reporting units	Employees, mid-March (1,000)	Taxable payrolls, Jan.-Mar. (mil. dol.)	Total reporting units	Employees, mid-March (1,000)	Taxable payrolls, Jan.-Mar. (mil. dol.)
<b>Total.....</b>	<b>3,347,647</b>	<b>43,512</b>	<b>51,556</b>	<b>3,521,554</b>	<b>47,743</b>	<b>60,535</b>
Agric., forestry, and fisheries .....	26,794	130	99	29,285	152	126
Mining .....	29,246	622	903	29,114	599	944
Contract construction .....	296,121	2,426	3,205	319,205	2,824	4,092
Manufacturing .....	289,742	16,414	22,583	298,930	17,595	26,006
Transportation and other public utilities .....	122,297	3,011	4,207	128,659	3,219	4,869
Wholesale trade .....	283,978	3,240	4,590	303,510	3,435	5,262
Retail trade .....	1,052,027	8,045	6,632	1,083,206	8,964	7,856
Finance, insurance, and real estate .....	304,411	2,723	3,246	325,243	3,014	3,822
Services .....	862,688	6,615	5,869	935,797	7,709	7,373
Unclassified establishments .....	80,343	286	222	68,605	232	185

Source: Dept. of Commerce, Bureau of the Census; *County Business Patterns, U.S. Summary, 1964 and 1965*.



# No. 687. EMPLOYEES, TAXABLE PAYROLLS, AND REPORTING UNITS UNDER SOCIAL SECURITY—STATES AND OTHER AREAS: 1965

[Based on reports of employers under the Federal Insurance Contribution Act. A reporting unit is, generally, a single establishment; however, for nonmanufacturing industries, a group of similar establishments of an employer located in the same county are also considered one reporting unit. Data for the following types of employment covered by the social security program in whole or in part are excluded: Farm workers, domestic workers, self-employed persons, members of the uniformed services of the United States, Federal civilian employees, employees of State and local governments. Also excludes railroad employment subject to the Railroad Retirement Act and employment on oceanborne vessels. Employment-size class refers to the number of employees in the mid-March pay period]

STATE OR OTHER AREA	Employees, mid- March (1,000)	Taxable pay- rolls, Jan.- Mar. (mil. dol.)	REPORTING UNITS							
			Total	Employment-size class						
				1 to 3 <sup>1</sup>	4 to 7	8 to 19	20 to 99	100 to 249	250 to 499	500 or more
U.S. ....	47, 743	60, 535	3, 521, 554	1, 971, 173	672, 246	520, 917	293, 694	41, 308	12, 969	9, 247
Ala. ....	666	709	50, 192	26, 771	10, 421	8, 020	4, 042	607	210	121
Alaska ..	32	58	3, 818	2, 162	810	550	259	30	5	2
Ariz. ....	307	376	27, 682	15, 727	5, 535	3, 934	2, 115	263	65	43
Ark. ....	334	307	33, 622	19, 128	6, 761	4, 990	2, 286	296	114	47
Calif. ....	4, 513	6, 613	340, 594	187, 223	68, 793	50, 027	29, 003	3, 741	1, 078	729
Colo. ....	420	514	40, 186	23, 168	7, 694	5, 802	3, 042	350	73	57
Conn. ....	883	1, 202	53, 976	30, 330	9, 976	7, 842	4, 709	645	257	217
Del. ....	149	214	9, 117	4, 709	1, 903	1, 467	851	122	31	34
D.C. ....	305	395	17, 879	8, 760	3, 516	3, 150	2, 002	321	70	60
Fla. ....	1, 302	1, 412	117, 329	66, 355	22, 104	17, 295	9, 925	1, 193	272	185
Ga. ....	981	1, 027	71, 293	37, 684	14, 534	11, 486	6, 174	912	312	191
Hawaii ..	152	175	11, 242	5, 424	2, 307	2, 076	1, 210	161	41	23
Idaho. ....	126	141	14, 344	8, 258	2, 884	2, 128	938	98	23	15
Ill. ....	3, 147	4, 317	198, 359	113, 281	34, 785	28, 567	17, 345	2, 759	906	716
Ind. ....	1, 311	1, 729	83, 282	46, 385	15, 659	12, 534	6, 999	1, 038	371	296
Iowa. ....	558	629	59, 466	36, 250	10, 866	8, 175	3, 573	400	125	77
Kans. ....	422	476	47, 086	28, 205	8, 748	6, 594	3, 133	295	67	44
Ky. ....	558	616	48, 823	27, 848	9, 396	7, 237	3, 649	434	159	100
La. ....	683	774	55, 270	29, 580	10, 895	8, 831	5, 016	670	173	105
Maine. ....	219	224	19, 620	11, 870	3, 512	2, 659	1, 257	193	83	46
Md. ....	809	968	51, 822	26, 139	10, 796	8, 721	5, 086	718	207	155
Mass. ....	1, 659	2, 044	103, 353	53, 438	21, 100	16, 601	9, 793	1, 537	524	360
Mich. ....	2, 194	3, 286	133, 873	76, 626	23, 882	19, 479	11, 268	1, 608	549	461
Minn. ....	799	979	64, 913	35, 898	12, 938	9, 934	5, 154	669	182	138
Miss. ....	346	310	32, 023	18, 072	6, 365	4, 776	2, 340	302	124	44
Mo. ....	1, 176	1, 443	87, 640	49, 692	16, 125	13, 049	7, 140	1, 064	359	211
Mont. ....	114	129	15, 208	8, 998	3, 146	2, 099	862	72	22	9
Nebr. ....	294	311	32, 247	19, 270	6, 148	4, 372	2, 147	203	63	44
Nev. ....	118	172	9, 255	4, 878	2, 073	1, 480	679	81	35	29
N.H. ....	173	185	14, 194	8, 273	2, 604	2, 012	1, 042	157	70	36
N.J. ....	1, 846	2, 496	126, 729	73, 331	22, 106	17, 384	11, 187	1, 751	564	406
N. Mex. ....	170	196	18, 541	10, 297	3, 997	2, 798	1, 274	132	29	14
N.Y. ....	5, 445	7, 581	379, 420	214, 201	71, 036	53, 824	33, 143	4, 744	1, 377	1, 095
N.C. ....	1, 162	1, 129	79, 891	42, 713	15, 816	12, 732	6, 800	1, 146	437	247
N. Dak. ....	91	90	13, 054	7, 875	2, 528	1, 814	752	73	8	4
Ohio. ....	2, 748	3, 771	168, 494	92, 558	31, 936	25, 408	14, 937	2, 221	782	652
Okla. ....	476	532	49, 478	29, 116	9, 114	7, 081	3, 636	384	88	59
Oreg. ....	448	574	41, 156	23, 168	8, 033	5, 992	3, 349	440	112	62
Pa. ....	3, 215	4, 015	197, 039	108, 555	37, 697	28, 593	17, 419	3, 034	1, 026	715
R.I. ....	254	279	18, 480	10, 155	3, 548	2, 753	1, 640	241	79	64
S.C. ....	543	524	37, 349	20, 489	7, 469	5, 747	2, 879	425	178	162
S. Dak. ....	95	92	14, 543	9, 105	2, 694	1, 924	754	53	7	6
Tenn. ....	865	897	61, 397	33, 759	11, 857	9, 393	5, 140	767	284	197
Tex. ....	2, 314	2, 607	200, 327	114, 709	36, 919	28, 959	16, 633	2, 198	565	344
Utah. ....	200	241	17, 704	9, 564	3, 651	2, 839	1, 431	147	43	29
Vt. ....	93	98	9, 187	5, 402	1, 703	1, 301	647	95	20	19
Va. ....	910	966	65, 699	34, 250	13, 030	11, 007	6, 176	810	262	164
Wash. ....	651	890	58, 186	33, 882	11, 167	8, 101	4, 299	495	148	94
W. Va. ....	362	448	29, 494	17, 208	5, 323	4, 387	2, 123	279	88	86
Wis. ....	1, 045	1, 303	79, 150	45, 437	14, 578	11, 776	5, 937	897	293	232
Wyo. ....	59	70	8, 528	4, 997	1, 768	1, 217	499	37	9	1
Other areas:										
P.R. ....	287	196	16, 837	8, 329	3, 177	2, 773	1, 964	425	124	45
Am. Samoa ..	1	(Z)	86	47	16	9	9	2	3	-
Guam. ....	6	5	437	167	90	93	81	6	-	-
V.I. ....	11	9	907	395	200	181	118	10	3	-

- Represents zero. Z Less than \$500,000.

<sup>1</sup> Includes reporting units having payroll during the quarter but no employees during mid-March pay period.

Source: Dept. of Commerce, Bureau of the Census; *County Business Patterns, U.S. Summary, 1965*, and *County Business Patterns, Puerto Rico and Outlying Areas, 1965*.



# No. 688. REPORTING UNITS UNDER SOCIAL SECURITY ACT, BY EMPLOYMENT SIZE— MAJOR INDUSTRY GROUPS: 1965

[See table 686 for industry totals. See also headnote, table 687]

INDUSTRY GROUP	EMPLOYMENT-SIZE CLASS							
	1 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 or more
Reporting units.....	1, 971, 173	672, 246	520, 917	219, 960	73, 734	41, 308	12, 969	9, 247
Agric., forestry, and fisheries.....	19, 349	5, 373	3, 296	999	192	68	7	1
Mining.....	11, 683	5, 226	6, 348	3, 596	1, 321	636	187	117
Contract construction.....	178, 526	64, 692	47, 523	19, 087	6, 196	2, 607	427	147
Manufacturing.....	78, 626	49, 335	65, 787	49, 192	24, 593	18, 725	7, 293	5, 379
Transportation and other public utilities.....	59, 701	23, 203	23, 890	12, 522	4, 931	2, 840	827	745
Wholesale trade.....	127, 554	68, 610	68, 035	28, 643	7, 338	2, 730	447	153
Retail trade.....	606, 985	238, 818	163, 608	53, 359	13, 130	5, 081	1, 319	906
Finance, insurance, and real estate.....	216, 689	50, 436	34, 965	14, 721	4, 714	2, 536	703	479
Services.....	620, 988	156, 058	101, 732	36, 572	11, 290	6, 080	1, 757	1, 320
Unclassified establishments.....	51, 072	10, 495	5, 733	1, 269	29	5	2	-

- Represents zero.

Source: Dept. of Commerce, Bureau of the Census; *County Business Patterns, U.S. Summary, 1965*.

## No. 689. CONSUMER COOPERATIVES, BY TYPE OF ASSOCIATION: 1964 AND 1965

[Members in thousands; business in millions of dollars]

TYPE OF ASSOCIATION	1964			1965		
	Associa-tions	Mem-bers	Busi-ness	Associa-tions	Mem-bers	Busi-ness
Credit unions <sup>1</sup> .....	21, 814	15, 623	7, 049	22, 160	16, 756	8, 097
Electric power cooperatives <sup>2</sup> .....	889	4, 860	743	885	4, 964	781
Rural telephone cooperatives <sup>3</sup> .....	213	458	44	219	485	48
Independent nonprofit prepayment health plans <sup>4</sup> .....	550	9, 190	523	550	9, 250	582
Community.....	43	3, 475	196	43	3, 500	216
Employer-employee-union.....	507	5, 712	327	507	5, 750	366
Housing <sup>5</sup> .....	1, 855	100	1, 275	1, 903	107	1, 356
Farm supply cooperatives <sup>6</sup> .....	6, 872	(NA)	2, 832	6, 767	(NA)	2, 910
Producers' goods.....	4, 400+	(NA)	1, 807	4, 400+	(NA)	1, 851
Petroleum products.....	2, 836	(NA)	650	2, 773	(NA)	643
Meats and groceries.....	758	(NA)	56	775	(NA)	60
Miscellaneous.....	4, 600+	(NA)	318	4, 800+	(NA)	356
Associations principally engaged in farm supply business <sup>6</sup> .....	3, 226	3, 425	(NA)	3, 085	3, 251	(NA)

NA Not available.

<sup>1</sup> Dept. of Health, Education, and Welfare, Social Security Admin. "Business" refers to loans outstanding.

<sup>2</sup> Dept. of Agriculture, Rural Electrification Admin. Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues.

<sup>3</sup> Dept. of Agriculture, Rural Electrification Admin. Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues.

<sup>4</sup> Dept. of Health, Education, and Welfare, Social Security Admin. Estimated enrollees and annual income of plans; see table 673.

<sup>5</sup> Dept. of Housing and Urban Development, Federal Housing Admin. Cooperative projects insured, housing units, and value of mortgages, cumulative from beginning of Section 213 program, in 1950, through Dec. 31.

<sup>6</sup> Dept. of Agriculture, Farmer Cooperative Service. Data cover fiscal years 1963-64 and 1964-65. 1964-65, preliminary. Since many cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Figures for members refer to estimated number of memberships; some persons hold more than one.

Source: Dept. of Labor, Bureau of Labor Statistics. Compiled from sources indicated above.

## No. 690. ACTIVE CORPORATIONS—ASSETS AND LIABILITIES: 1940 TO 1964

[In millions of dollars. See headnote, table 561. See also *Historical Statistics, Colonial Times to 1957*, series V 33 and V 65-85]

ITEM <sup>1</sup>	1940	1950	1955	1960	1961	1963	1964
<b>Total assets or liabilities</b> .....	320, 478	598, 369	888, 621	1, 206, 662	1, 289, 516	1, 481, 236	1, 585, 619
<b>ASSETS</b>							
Cash.....	41, 423	71, 018	87, 375	97, 162	101, 965	108, 775	113, 741
Notes and accounts receivable <sup>2</sup> .....	42, 864	108, 639	191, 779	242, 416	259, 541	330, 953	347, 680
Inventories.....	19, 463	54, 496	70, 920	91, 334	94, 818	106, 340	113, 060
Investments, govt. obligations.....	29, 570	109, 822	131, 897	135, 180	144, 760	150, 553	155, 335
Other current assets.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	10, 305	13, 664	21, 961	22, 647
Mortgage and real estate loans.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	129, 376	142, 378	( <sup>4</sup> )	( <sup>4</sup> )
Other investments.....	80, 429	96, 760	179, 558	179, 415	191, 559	385, 393	427, 864
Capital assets <sup>5</sup> .....	100, 214	144, 690	206, 388	293, 215	310, 266	342, 026	365, 552
Other assets.....	6, 514	12, 944	20, 703	28, 259	30, 566	35, 237	39, 740
<b>LIABILITIES</b>							
Notes and accounts payable <sup>6</sup> .....	22, 683	47, 143	76, 048	112, 315	121, 057	164, 078	155, 003
Other current liabilities.....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	364, 705	392, 543	453, 668	527, 260
Bonded debt and mortgages <sup>8</sup> .....	49, 199	65, 719	98, 399	153, 566	165, 521	180, 952	192, 878
Other liabilities.....	110, 210	261, 899	408, 726	167, 110	176, 202	205, 982	207, 073
Capital stock <sup>9</sup> .....	89, 430	94, 216	112, 628	140, 348	146, 371	154, 602	158, 120
Surplus and undivided profits (net).....	48, 957	129, 393	192, 820	268, 618	287, 822	321, 953	345, 285

<sup>1</sup> For number of returns, see table 694.

<sup>2</sup> Less reserve for bad debts. Includes loans and discounts of banks, except mortgage and real estate loans.

<sup>3</sup> Included partly in "Other investments" and partly in "Other assets."

<sup>4</sup> For 1940-1955, included partly in "Notes and accounts receivable" and partly in "Other investments"; for 1963 and 1964, included in "Other investments."

<sup>5</sup> Less depreciation, amortization, and depletion reserves. Includes land and intangible assets.

<sup>6</sup> Includes bonds, notes, and mortgages payable with maturity of less than 1 year.

<sup>7</sup> Included partly in "Other liabilities."

<sup>8</sup> With maturity of 1 year or more. <sup>9</sup> Includes stock not designated as to type.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Corporation Income Tax Returns*.

## No. 691. NONFINANCIAL CORPORATIONS—ASSETS AND LIABILITIES: 1945 TO 1966

[In billions of dollars. As of December 31. Covers all U.S. corporations excluding banks, savings and loan associations, and insurance and investment companies. 1945-1963 based on Bureau of Internal Revenue, *Statistics of Income*, covering virtually all corporations in U.S.; 1964-1966 estimated (subject to revision), based on data compiled from many different sources, including data on corporations registered with SEC]

ASSETS AND LIABILITIES	1945	1950	1955	1960	1962	1963	1964	1965	1966
<b>Current assets</b> .....	97.4	161.5	224.0	289.0	326.5	351.7	372.6	407.9	441.6
Cash on hand and in banks.....	21.7	28.1	34.6	37.2	43.7	46.5	47.1	49.2	49.3
U.S. Government securities.....	21.1	19.7	23.5	20.1	19.6	20.2	18.8	16.7	15.5
Receivables from U.S. Government <sup>1</sup> .....	2.7	1.1	2.3	3.1	3.7	3.6	3.4	3.9	4.5
Other notes and accounts receivable.....	23.2	55.7	86.6	126.1	144.2	156.8	170.6	189.6	204.4
Inventories.....	26.3	55.1	72.8	91.8	100.7	107.0	114.0	126.3	144.5
Other current assets <sup>2</sup> .....	2.4	1.7	4.2	10.6	14.7	17.8	18.8	22.1	23.3
<b>Current liabilities</b> .....	45.8	79.8	121.0	160.4	170.9	188.2	200.3	224.5	248.9
Advances and prepayments, U.S. Govt. <sup>1</sup> .....	.9	.4	2.3	1.8	2.0	2.5	2.7	3.1	4.9
Other notes and accounts payable.....	24.8	47.9	73.8	105.0	119.1	130.4	139.6	157.2	173.4
Federal income tax liabilities.....	10.4	16.7	19.3	13.5	15.2	16.5	17.2	19.2	19.1
Other current liabilities.....	9.7	14.9	25.7	40.1	34.5	38.7	40.7	45.0	51.6
<b>Net working capital</b> .....	51.6	81.6	103.0	128.6	155.6	163.5	172.3	183.4	192.7

<sup>1</sup> Receivables from, and payables to, U.S. Government exclude amounts offsetting each other on corporation's books or amounts arising from subcontracting not directly due from or to U.S. Government. Wherever possible, adjustments have been made to include U.S. Government advances offsetting inventories on corporation's books.

<sup>2</sup> Includes marketable securities other than U.S. Government.

Source: Securities and Exchange Commission; Statistical Series, *Net Working Capital of U.S. Corporations*. Data published quarterly.

**No. 692. LARGEST INDUSTRIAL CORPORATIONS AND MERCHANDISING FIRMS—SALES, BY GROUP RANK: 1955 TO 1965**

[In millions of dollars. Excludes large privately owned companies that do not publish sales. Includes sales of subsidiaries when they are consolidated. Industrial corporations: Includes service and rental revenues, but all 500 companies must have derived at least 50 percent of their revenues from manufacturing or mining for fiscal years ending not later than December 31 of year stated; excludes excise taxes collected by manufacturer. Merchandising firms: Includes all operating revenues for fiscal years ending not later than March or April following year stated]

CORPORATIONS AND FIRMS GROUPED BY SALES	1955	1959	1960	1961	1962	1963	1964	1965
<b>INDUSTRIAL CORPORATIONS</b>								
500 largest.....	161,399	197,398	204,724	209,195	229,081	245,091	266,498	298,059
Lowest hundred.....	6,292	8,242	8,474	8,800	9,695	10,141	11,317	12,497
Second hundred.....	8,609	11,385	11,699	12,108	13,265	14,182	15,770	17,651
Third hundred.....	13,734	17,989	18,524	18,703	20,518	22,206	24,592	27,687
Fourth hundred.....	24,458	31,732	32,637	33,581	36,194	38,926	42,244	47,237
Highest hundred.....	108,306	128,051	133,390	136,003	149,408	159,636	172,575	192,987
<b>MERCHANDISING FIRMS</b>								
50 largest.....	25,610	34,272	35,702	37,262	39,276	41,428	45,139	48,958
Lowest ten.....	1,168	1,924	2,221	2,359	2,526	2,792	2,968	3,264
Second ten.....	1,719	2,646	2,818	2,997	3,153	3,379	4,044	4,505
Third ten.....	2,704	4,008	4,100	4,394	4,675	4,933	5,354	6,050
Fourth ten.....	4,520	6,258	6,436	6,902	7,331	7,571	8,194	8,961
Highest ten.....	15,499	19,435	20,126	20,609	21,591	22,753	24,579	26,177

Source: Fortune, New York, N.Y.; annual supplement, *The Fortune Directory*. (Copyright, 1966, by Time Inc.)

**No. 693. LARGEST INDUSTRIAL CORPORATIONS AND MERCHANDISING FIRMS—SALES ASSETS, PROFIT, AND INVESTED CAPITAL, BY GROUP RANK OF SALES: 1964 AND, 1965**

[In millions of dollars. See headnote, table 692]

CORPORATIONS AND FIRMS GROUPED BY SALES	1964				1965			
	Sales	Assets <sup>1</sup>	Net profit <sup>2</sup>	Invested capital <sup>3</sup>	Sales	Assets <sup>1</sup>	Net profit <sup>2</sup>	Invested capital <sup>3</sup>
<b>INDUSTRIAL CORPORATIONS</b>								
500 largest.....	266,498	224,650	17,238	142,399	298,059	251,676	20,011	154,033
Lowest hundred.....	11,317	9,102	598	5,606	12,497	10,066	747	5,895
Second hundred.....	15,770	12,602	770	7,842	17,651	13,873	995	8,339
Third hundred.....	24,592	19,359	1,455	12,309	27,687	22,497	1,558	13,727
Fourth hundred.....	42,244	33,278	2,188	20,282	47,237	36,252	2,656	21,614
Highest hundred.....	172,575	150,309	12,227	96,360	192,987	168,989	14,055	104,458
<b>MERCHANDISING FIRMS</b>								
50 largest.....	45,139	17,149	1,068	9,200	48,958	19,290	1,196	9,912
Lowest ten.....	2,968	1,284	55	538	3,264	1,546	72	673
Second ten.....	4,044	1,333	81	635	4,505	1,253	68	606
Third ten.....	5,354	2,123	93	996	6,050	2,270	119	1,071
Fourth ten.....	8,194	2,802	170	1,541	8,961	3,469	214	1,741
Highest ten.....	24,579	9,606	670	5,491	26,177	10,751	723	5,823

<sup>1</sup> Total assets employed in business at end of fiscal year, less depreciation and depletion, but including Government securities held as offsets against tax liabilities.

<sup>2</sup> After taxes, and after special charges or credits when shown on income statement.

<sup>3</sup> Capital stock, surplus, and retained earnings (i.e., net worth) at end of fiscal year.

Source: Fortune, New York, N.Y.; annual supplement, *The Fortune Directory*. (Copyright, 1966, by Time Inc.)



## No. 694. ACTIVE CORPORATIONS—INCOME TAX RETURNS: 1940 TO 1964

[Money figures in millions of dollars. See headnote and footnotes, table 561. See *Historical Statistics, Colonial Times to 1957*, series V 113, and, for related but not comparable data, series V 86-97]

ITEM	1940	1950	1955	1960	1962	1963	1964
<b>Number of active corporation returns</b> .....	473,042	629,314	807,303	1,140,574	1,268,042	1,323,187	1,373,517
With assets at end of year.....	413,716	569,961	746,962	1,095,439	1,235,271	1,285,822	1,333,887
Under \$100,000.....	286,053	338,499	431,074	639,479	708,113	757,841	784,011
\$100,000 to \$999,999.....	104,396	190,331	260,134	389,307	454,730	450,622	468,200
\$1,000,000 to \$49,999,999.....	22,496	39,847	53,893	64,175	69,596	74,324	78,465
\$50,000,000 and over.....	771	1,284	1,861	2,478	2,832	3,035	3,211
With no assets at end of year.....	59,326	59,353	60,341	45,135	32,771	37,365	39,630
<b>Total receipts</b> .....	148,237	458,136	642,248	849,132	949,305	1,008,743	1,086,739
Business receipts.....	139,124	439,881	612,683	802,791	895,120	949,549	1,018,889
Other taxable receipts.....	8,329	17,854	29,015	45,303	52,903	57,738	66,291
Tax-exempt interest on government obligations.....	783	394	550	1,038	1,282	1,456	1,559
<b>Total deductions</b> .....	138,889	415,299	594,299	804,633	898,463	953,006	1,023,680
Cost of sales and operations.....	99,036	321,257	448,565	577,039	638,036	672,972	722,477
Interest paid.....	2,701	3,212	7,058	14,622	18,435	20,711	23,246
Taxes paid <sup>1</sup> .....	4,317	9,013	14,203	21,130	24,803	27,084	29,803
Depreciation, amortization, depletion.....	4,003	9,611	18,815	26,899	32,007	34,129	36,486
Other deductions.....	28,832	72,206	105,658	164,943	185,182	198,110	211,668
Total receipts minus total deductions.....	9,348	42,831	47,949	44,499	50,842	55,737	63,059
Net income less deficit.....	8,919	42,613	47,478	43,505	49,606	54,285	61,575
Statutory prior year loss deduction.....	123	345	836	1,286	1,753	1,837	2,230
Total income and profit taxes.....	<sup>2</sup> 2,549	17,317	21,741	21,866	23,097	25,193	26,538
Investment credit.....	(X)	(X)	(X)	(X)	834	1,106	1,319
Net income less deficit after tax.....	6,370	25,296	25,737	21,639	26,510	29,092	35,037

X Not applicable.

<sup>1</sup> Excludes (a) Federal income and profits taxes; (b) estate, inheritance, legacy, succession, and gift taxes; (c) income and profits taxes paid to a foreign country or possession of the United States if any portion was claimed as a tax credit; (d) taxes assessed against certain local benefits; (e) Federal taxes on tax-free covenant bonds; and (f) unidentifiable amounts of taxes reported in "Cost of sales and operations," beginning 1955. For prior years, excludes all taxes reported in these costs.

<sup>2</sup> Includes defense tax.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, Corporation Income Tax Returns*.

## No. 695. LARGEST INDUSTRIAL CORPORATIONS—SELECTED FINANCIAL ITEMS, BY INDUSTRY: 1965

[Figures are medians for 500 largest corporations based on sales in 1965. See headnote, table 692. See also headnote, table 8, for definition of median]

INDUSTRY <sup>1</sup>	Assets per em- ployee	Sales per em- ployee	Sales per dollar of invested capital	Return on invested capital	Return on sales	CHANGE FROM 1964 IN—	
						Sales	Profit
Total.....	Dollars 17,608	Dollars 24,141	Dollars 1.20	Percent 11.8	Percent 5.5	Percent 10.7	Percent 19.6
Petroleum refining.....	80,781	62,108	1.27	10.4	8.3	8.6	17.8
Mining.....	57,482	40,940	1.28	13.9	11.1	10.2	17.1
Tobacco.....	52,874	42,864	1.37	13.5	8.6	4.5	6.5
Chemicals.....	28,625	28,714	1.70	12.6	7.5	10.8	15.2
Metal manufacturing.....	23,774	25,532	1.67	10.6	6.0	11.7	20.4
Paper and wood products.....	23,690	23,644	1.58	9.9	6.0	7.9	18.0
Glass, cement, gypsum, concrete.....	21,196	22,700	1.52	10.9	7.0	8.6	13.6
Pharmaceuticals.....	20,411	23,758	1.71	18.0	10.3	15.7	22.1
Food and beverages.....	20,228	41,845	3.50	10.2	2.8	6.5	10.9
Shipbuilding and railroad equipment.....	20,118	24,330	1.90	11.6	6.4	8.2	22.5
Soaps, cosmetics.....	18,061	32,906	2.78	14.9	6.5	9.5	8.3
Publishing and printing.....	17,735	24,366	2.15	14.7	6.9	9.9	22.3
Measuring, scientific, and photo- graphic equipment.....	17,113	20,413	1.63	13.5	6.1	12.1	32.2
Rubber.....	15,799	22,334	2.73	11.1	4.1	10.7	9.7
Farm and industrial machinery.....	14,597	20,615	2.11	14.0	5.5	16.5	26.2
Motor vehicles and parts.....	14,337	24,392	2.80	13.6	4.4	19.5	21.3
Metal products.....	13,012	20,426	2.35	11.3	4.8	13.4	30.7
Textiles.....	12,825	17,788	2.18	11.1	4.4	10.5	33.7
Office machinery (incl. computers).....	11,753	13,825	2.37	12.3	5.0	11.5	24.4
Appliances, electronics.....	11,751	18,113	2.69	12.5	5.0	12.2	28.0
Aircraft and parts.....	9,366	19,911	4.38	14.3	3.3	14.3	30.7
Apparel.....	9,226	13,692	3.28	13.8	4.1	14.8	37.2

<sup>1</sup> Industry groupings are based on classifications established by the Bureau of the Budget.

Source: *Fortune*, New York, N.Y.; *Fortune*, July 1966. (Copyright, 1966, by Time Inc.)

# No. 696. ACTIVE CORPORATIONS—INCOME TAX RETURNS, BY ASSET SIZE AND INDUSTRIAL DIVISION: 1964

[Money figures in millions of dollars. See headnote and footnotes, table 561. See also *Historical Statistics, Colonial Times to 1957*, series V 113-127, for asset size-class, and series V 98-112, for industrial divisions]

ITEM	Total	ASSET SIZE-CLASS						
		Under \$100 thousand	\$100 to \$999.9 thousand	\$1 to \$24.9 million	\$25 to \$49.9 million	\$50 to \$99.9 million	\$100 to \$249.9 million	\$250 million and over
<b>All industrial divisions:</b>								
Number of returns.....	1,373,517	823,641	468,200	75,790	2,675	1,453	1,026	732
Total assets or liabilities.....	1,585,619	27,471	135,119	302,398	92,830	100,494	158,068	769,235
Total receipts.....	1,086,739	72,204	243,720	260,481	50,616	52,052	81,212	326,453
Net income less deficit <sup>1</sup> .....	61,575	706	6,045	10,883	2,943	3,474	6,611	30,912
Income tax <sup>2</sup> .....	26,538	443	2,112	5,193	1,344	1,517	2,576	13,355
<b>Agriculture, forestry, and fisheries:</b>								
Number of returns.....	25,933	14,500	10,506	917	7	1	1	1
Total assets or liabilities.....	6,453	538	2,977	2,196	246	50	153	294
Total receipts.....	6,329	1,066	2,727	1,848	134	49	73	432
Net income less deficit <sup>1</sup> .....	139	<sup>3</sup> 5	52	53	21	9	7	3
Income tax <sup>2</sup> .....	87	5	32	34	8	4	3	1
<b>Mining:</b>								
Number of returns.....	14,487	7,608	5,528	1,255	45	21	20	10
Total assets or liabilities.....	17,724	236	1,786	4,677	1,534	1,518	3,358	4,614
Total receipts.....	13,314	528	2,022	3,210	833	914	2,038	3,770
Net income less deficit <sup>1</sup> .....	1,228	<sup>3</sup> 6	37	117	36	97	209	737
Income tax <sup>2</sup> .....	593	4	22	81	18	42	81	344
<b>Construction:</b>								
Number of returns.....	104,134	68,055	32,694	3,337	28	15	4	1
Total assets or liabilities.....	23,309	2,155	9,066	8,946	987	1,137	757	262
Total receipts.....	49,741	8,147	22,553	16,113	1,350	1,050	349	179
Net income less deficit <sup>1</sup> .....	943	35	405	369	43	72	12	7
Income tax <sup>2</sup> .....	394	26	129	184	21	28	5	1
<b>Manufacturing:</b>								
Number of returns.....	184,961	91,530	74,922	17,275	529	312	222	171
Total assets or liabilities.....	335,190	3,280	23,979	62,054	18,380	21,969	34,566	170,951
Total receipts.....	464,820	11,892	56,507	108,246	24,845	29,673	45,184	188,473
Net income less deficit <sup>1</sup> .....	32,556	138	1,604	5,920	1,802	2,176	3,470	17,446
Income tax <sup>2</sup> .....	14,803	106	618	2,877	858	1,006	1,628	7,709
<b>Transportation, communication, electric, gas, and sanitary services:</b>								
Number of returns.....	56,338	36,612	16,461	2,864	101	86	96	118
Total assets or liabilities.....	174,913	1,158	4,672	11,336	3,683	6,160	15,895	132,010
Total receipts.....	81,726	2,945	7,041	10,402	2,149	2,766	7,312	49,112
Net income less deficit <sup>1</sup> .....	9,739	47	258	604	210	317	859	7,443
Income tax <sup>2</sup> .....	4,345	24	83	279	95	143	381	3,340
<b>Wholesale and retail trade:</b>								
Number of returns.....	421,553	257,937	150,932	12,417	153	53	40	21
Total assets or liabilities.....	113,939	9,312	41,354	33,218	5,117	3,513	6,107	15,318
Total receipts.....	335,319	35,510	132,724	94,755	14,644	9,712	14,637	33,338
Net income less deficit <sup>1</sup> .....	6,633	218	2,338	2,036	342	271	373	1,054
Income tax <sup>2</sup> .....	2,743	128	749	929	158	121	162	497
<b>Finance, insurance, and real estate: <sup>4</sup></b>								
Number of returns.....	383,727	207,992	137,785	34,203	1,773	938	629	407
Total assets or liabilities.....	883,959	7,334	40,834	170,037	61,552	64,296	94,961	444,944
Total receipts.....	101,297	3,584	8,230	16,922	5,458	6,631	10,091	50,381
Net income less deficit <sup>1</sup> .....	9,182	135	966	1,405	419	499	1,575	4,183
Income tax <sup>2</sup> .....	3,020	86	328	588	150	151	276	1,441
<b>Services:</b>								
Number of returns.....	176,902	134,340	38,973	3,506	39	27	14	3
Total assets or liabilities.....	29,951	3,408	10,350	9,907	1,330	1,852	2,270	833
Total receipts.....	34,101	8,502	11,872	8,971	1,205	1,257	1,527	768
Net income less deficit <sup>1</sup> .....	1,159	148	385	379	71	32	104	39
Income tax <sup>2</sup> .....	553	65	152	220	36	22	38	20
<b>Nature of business not allocable:</b>								
Number of returns.....	5,482	5,067	399	16	-	-	-	-
Total assets or liabilities.....	182	52	102	27	-	-	-	-
Total receipts.....	91	31	44	16	-	-	-	-
Net income less deficit <sup>1</sup> .....	<sup>3</sup> 3	<sup>3</sup> 4	1	(Z)	-	-	-	-
Income tax <sup>2</sup> .....	1	(Z)	(Z)	-	-	-	-	-

- Represents zero. Z Less than \$500,000.

<sup>1</sup> Excludes wholly tax-exempt interest but includes certain constructive receipts from foreign subsidiaries.

<sup>2</sup> After net adjustment for investment credit. <sup>3</sup> Deficit. <sup>4</sup> Includes lessors of real property.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1964, Corporation Income Tax Returns.*



# No. 697. CORPORATE PROFITS, TAXES, DIVIDENDS, AND NEW INCORPORATIONS: 1940 TO 1966

[Money figures in millions of dollars; number in thousands. Prior to 1960, excludes Alaska and Hawaii. Data are for corporations organized for profit. Represent profits accruing to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; net receipts of dividends, and branch profits from abroad are added. Taxes refer to Federal and State corporate income and excess profits taxes. Cash dividends represent amount disbursed to U.S. residents, and therefore are measured after elimination of intercorporate dividends. Cash dividends also exclude capital gain dividends paid by investment companies. Undistributed profits represent difference between corporate profits after taxes and net dividend payments]

YEAR	Profits before taxes	Income tax liability	Profits after taxes	Cash divi- dends	Undis- tributed profits	New incor- porations <sup>1</sup>
1940.....	10,013	2,834	7,179	4,016	3,163	(NA)
1950.....	42,634	17,770	24,864	8,838	16,026	93
1955.....	48,607	21,616	26,991	10,478	16,513	140
1960.....	49,712	23,032	26,680	13,437	13,243	183
1965.....	75,676	31,183	44,493	19,173	25,320	204
1966.....	82,100	33,800	48,300	20,900	27,300	200

NA Not available. <sup>1</sup> Compiled by Dun & Bradstreet, Inc. Prior to 1965, excludes the District of Columbia.  
Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

# No. 698. CORPORATE PROFITS, BY INDUSTRY: 1950 TO 1965

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 697]

INDUSTRY	BEFORE TAXES				AFTER TAXES			
	1950	1955	1960	1965	1950	1955	1960	1965
All industries.....	42,634	48,607	49,712	75,676	24,864	26,991	26,680	44,493
Agriculture, forestry, and fisheries.....	175	47	65	119	87	4	12	28
Mining.....	1,490	1,422	983	1,286	1,115	1,046	755	918
Contract construction.....	574	501	516	1,268	325	266	224	842
Manufacturing.....	24,115	27,378	24,126	38,508	13,290	14,453	12,631	21,381
Wholesale and retail trade.....	6,409	5,209	4,954	8,362	3,743	2,802	2,531	5,074
Finance, insurance, and real estate.....	4,070	6,006	8,816	10,369	2,597	3,711	4,722	5,944
Transportation.....	2,001	1,519	901	2,061	1,107	704	295	1,253
Communication and public utilities.....	2,253	4,272	6,588	9,062	1,290	2,090	3,225	5,051
Services.....	563	674	883	1,439	326	336	405	800
Rest of the world.....	984	1,579	1,880	3,202	984	1,579	1,880	3,202

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965*.

# No. 699. PUBLIC UTILITY CORPORATIONS—REVENUES, PROFITS, AND DIVIDENDS: 1940 TO 1966

[In millions of dollars]

PUBLIC UTILITY	1940	1945	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>Railroad: <sup>1</sup></b>									
Operating revenue.....	4,297	8,902	9,473	10,106	9,514	9,560	9,778	10,208	10,654
Profits before taxes.....	249	756	1,385	1,341	648	816	829	980	(NA)
Profits after taxes.....	189	450	784	927	445	651	694	816	(NA)
Dividends.....	159	246	312	448	385	383	438	468	(NA)
<b>Electric power: <sup>2</sup></b>									
Operating revenue.....	2,797	3,682	5,528	8,360	11,906	14,294	15,156	15,961	17,036
Profits before taxes.....	692	905	1,313	2,304	3,163	3,735	3,926	4,116	4,396
Profits after taxes.....	548	534	822	1,244	1,793	2,187	2,375	2,568	2,765
Dividends.....	447	407	619	942	1,307	1,567	1,682	1,833	1,939
<b>Telephone: <sup>3</sup></b>									
Operating revenue.....	1,206	1,979	3,342	5,425	8,111	9,796	10,550	11,320	12,420
Profits before taxes.....	257	433	580	1,282	2,326	2,815	3,069	3,185	3,537
Profits after taxes.....	193	174	331	638	1,155	1,417	1,590	1,718	1,903
Dividends.....	167	162	276	496	806	988	1,065	1,153	1,248

NA Not available. <sup>1</sup> Class I line-haul railroads. <sup>2</sup> Class A and B electric utilities.

<sup>3</sup> Revenues and profits for telephone operations of Bell System Consolidated (including the 20 operating subsidiaries and Long Lines and General departments of American Telephone and Telegraph Company) and of 2 affiliated telephone companies. Dividends for the 20 operating subsidiaries and 2 affiliates.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



### NO. 700. MANUFACTURING CORPORATIONS—RATES OF PROFIT AFTER TAXES ON STOCKHOLDERS' EQUITY: 1947 TO 1966

[Percent. Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Excludes newspapers]

INDUSTRY GROUP	1947	1950	1955	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>15.6</b>	<b>15.4</b>	<b>12.6</b>	<b>9.2</b>	<b>8.8</b>	<b>9.8</b>	<b>10.2</b>	<b>11.6</b>	<b>13.0</b>	<b>13.4</b>
<b>Durable goods</b> .....	<b>14.5</b>	<b>16.8</b>	<b>13.8</b>	<b>8.6</b>	<b>8.1</b>	<b>9.6</b>	<b>10.1</b>	<b>11.8</b>	<b>13.8</b>	<b>14.2</b>
Transportation equipment.....	11.0	21.5	20.2	11.7	10.6	15.0	15.2	15.8	18.5	15.6
Electrical machinery, equipment, and supplies.....	19.0	20.8	12.3	9.5	8.9	10.0	10.0	11.2	13.5	14.8
Other machinery.....	15.8	14.0	10.3	7.6	7.8	9.1	9.6	12.4	14.1	15.1
Other fabricated metal products.....	17.7	15.9	10.0	5.6	5.9	7.9	8.3	10.1	13.2	14.7
Primary metal industries.....	12.2	14.5	14.1	7.2	6.4	6.2	7.2	9.2	10.6	12.0
Stone, clay, and glass products.....	14.0	17.6	15.6	9.9	8.8	8.8	8.6	9.6	10.2	9.9
Furniture and fixtures.....	18.1	15.1	9.2	6.5	4.9	7.9	8.2	10.1	13.3	14.2
Lumber and wood products, exc. furniture.....	22.9	17.4	11.1	3.6	4.0	5.6	8.2	10.0	10.0	10.0
Instruments and related products.....	14.4	16.7	12.5	11.6	10.5	12.0	12.0	14.4	17.5	20.8
Misc. manufacturing, and ordnance.....	14.0	12.2	8.6	9.2	9.8	9.3	8.8	9.5	10.7	15.2
<b>Nondurable goods</b> .....	<b>16.6</b>	<b>14.0</b>	<b>11.4</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>	<b>10.4</b>	<b>11.5</b>	<b>12.2</b>	<b>12.7</b>
Food and kindred products.....	17.6	12.3	8.9	8.7	8.9	8.8	9.0	10.0	10.7	11.2
Tobacco manufactures.....	10.1	11.5	11.4	13.4	13.6	13.1	13.4	13.4	13.5	14.1
Textile mill products.....	19.5	12.6	5.7	5.8	5.0	6.2	6.0	8.4	10.8	10.1
Apparel and other finished products.....	18.9	10.1	6.2	7.7	7.0	9.3	7.7	11.7	12.6	13.2
Paper and allied products.....	22.1	16.1	11.5	8.5	7.8	8.1	8.1	9.1	9.4	10.6
Printing and publishing, exc. newspapers.....	17.2	11.5	10.2	10.6	8.5	10.2	9.1	12.6	14.1	15.6
Chemicals and allied products.....	16.0	17.8	14.7	12.2	11.8	12.4	12.9	14.4	15.2	15.1
Petroleum refining and related industries.....	14.8	13.8	13.2	10.1	10.3	10.0	11.2	11.4	11.8	12.4
Rubber and misc. plastics products.....	12.4	16.7	13.2	9.1	9.3	9.6	9.2	10.6	11.7	12.2
Leather and leather products.....	14.1	10.9	8.5	6.3	4.4	6.9	6.9	10.5	11.6	12.9

Source: Federal Trade Commission and Securities and Exchange Commission; *Quarterly Financial Report for Manufacturing Corporations*.

### NO. 701. MANUFACTURING CORPORATIONS—RATES OF PROFIT AFTER TAXES, BY ASSET SIZE: 1965 AND 1966

[Based on sample; see source for discussion of methodology. Excludes newspapers]

ITEM	All asset sizes	ASSET SIZE-CLASS					
		Under \$1,000,000	\$1,000,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 to \$49,999,999	\$50,000,000 to \$99,999,999	\$100,000,000 and over
PROFITS PER DOLLAR OF SALES (in cents)							
1965: First quarter.....	5.4	2.5	2.7	3.5	4.0	4.5	7.0
Second quarter.....	5.8	3.1	3.4	3.8	4.8	4.9	7.3
Third quarter.....	5.4	3.3	3.5	4.0	4.8	4.8	6.6
Fourth quarter.....	5.7	2.3	3.2	4.1	5.1	5.0	7.2
1966: First quarter.....	5.6	3.0	3.0	3.9	4.4	4.8	6.9
Second quarter.....	5.9	3.8	4.1	4.3	5.0	5.2	7.1
Third quarter.....	5.4	4.0	3.4	3.9	4.8	4.9	6.3
Fourth quarter.....	5.4	2.6	2.8	4.0	4.6	5.3	6.7
ANNUAL RATE ON STOCK- HOLDERS' EQUITY (percent)							
1965: First quarter.....	12.1	11.8	9.3	9.6	9.5	10.3	13.1
Second quarter.....	13.8	16.0	12.4	11.4	12.2	12.1	14.2
Third quarter.....	12.3	16.8	12.5	12.0	12.2	11.5	12.1
Fourth quarter.....	13.7	12.5	12.0	12.8	13.2	12.8	14.2
1966: First quarter.....	13.0	14.8	11.0	12.0	11.4	11.9	13.4
Second quarter.....	14.7	20.0	15.8	14.2	13.9	13.6	14.3
Third quarter.....	12.7	21.2	12.8	12.6	13.0	12.4	11.9
Fourth quarter.....	13.4	13.9	10.6	13.1	12.5	13.4	13.7

Source: Federal Trade Commission and Securities and Exchange Commission; *Quarterly Financial Report for Manufacturing Corporations*.

**No. 702. LARGE MANUFACTURING CORPORATIONS—SALES, PROFITS, AND DIVIDENDS:**  
1948 TO 1966

[In millions of dollars. Includes data for 177 corporations each with sales of \$150 million or more in 1957. Profits before and after taxes are as published by the 177 companies except for certain adjustments, chiefly to exclude special charges and credits and intercorporate dividends where large. Figures include little or no representation of some important nondurable goods groups such as meatpacking and rubber]

INDUSTRY	1948	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>Total (177 corporations):</b>								
Sales.....	56,071	66,943	104,877	123,911	147,380	158,253	176,676	195,617
Profits before taxes <sup>1</sup> .....	7,902	11,638	14,854	13,543	17,337	18,734	22,043	23,232
Profits after taxes.....	4,858	6,014	7,585	7,161	9,138	10,462	12,482	13,238
Dividends.....	1,883	3,067	3,855	4,485	5,444	5,933	6,541	6,909
<b>Nondurable goods industries (78 corp.):<sup>2</sup></b>								
Sales.....	23,241	25,455	36,879	47,372	55,372	59,770	64,635	73,199
Profits before taxes <sup>1</sup> .....	3,538	4,303	4,986	5,579	6,333	6,881	7,818	8,882
Profits after taxes.....	2,270	2,367	2,800	3,215	3,646	4,121	4,798	5,405
Dividends.....	844	1,266	1,581	1,948	2,265	2,408	2,541	2,717
<b>Durable goods industries (99 corp.):<sup>2</sup></b>								
Sales.....	32,830	41,488	67,997	76,540	92,008	98,482	112,041	122,418
Profits before taxes <sup>1</sup> .....	4,364	7,335	9,868	7,964	11,004	11,853	14,225	14,350
Profits after taxes.....	2,588	3,646	4,786	3,946	5,492	6,341	7,684	7,832
Dividends.....	1,039	1,800	2,274	2,536	3,179	3,525	4,000	4,192
<b>Selected industries:</b>								
<b>Food and kindred products (25 corp.):</b>								
Sales.....	6,770	6,797	8,912	12,202	14,301	15,284	16,345	18,250
Profits before taxes <sup>1</sup> .....	700	851	891	1,342	1,546	1,579	1,710	1,907
Profits after taxes.....	428	457	425	639	747	802	896	1,012
Dividends.....	225	247	264	372	448	481	508	564
<b>Chemicals and allied prod. (20 corp.):</b>								
Sales.....	5,200	6,057	9,325	12,205	14,623	16,469	17,938	19,920
Profits before taxes <sup>1</sup> .....	947	1,539	1,816	2,005	2,286	2,597	2,878	3,060
Profits after taxes.....	525	724	930	1,058	1,182	1,400	1,627	1,736
Dividends.....	209	521	679	786	904	924	926	946
<b>Petroleum refining (16 corporations):</b>								
Sales.....	7,212	7,872	11,515	13,815	16,043	16,589	17,878	21,376
Profits before taxes <sup>1</sup> .....	1,297	1,157	1,344	1,267	1,487	1,560	1,946	2,430
Profits after taxes.....	967	800	979	1,026	1,204	1,309	1,555	1,796
Dividends.....	282	353	438	521	608	672	752	826
<b>Primary metals and prod. (34 corp.):</b>								
Sales.....	11,963	13,985	20,643	20,828	22,116	24,195	26,530	28,513
Profits before taxes <sup>1</sup> .....	1,707	2,318	3,263	2,214	2,178	2,556	2,951	3,304
Profits after taxes.....	1,051	1,194	1,649	1,169	1,183	1,475	1,704	1,921
Dividends.....	401	529	727	838	734	763	818	923
<b>Machinery (24 corporations):</b>								
Sales.....	6,704	7,987	12,391	16,681	21,144	22,558	25,148	30,112
Profits before taxes <sup>1</sup> .....	826	1,334	1,286	1,509	2,394	2,704	3,116	3,606
Profits after taxes.....	489	671	653	768	1,177	1,372	1,621	1,865
Dividends.....	185	298	374	494	577	673	775	913
<b>Automobiles and equip. (14 corp.):</b>								
Sales.....	10,669	15,173	25,102	26,275	32,927	35,338	42,662	43,639
Profits before taxes <sup>1</sup> .....	1,330	2,887	4,038	3,197	5,004	4,989	6,263	5,269
Profits after taxes.....	753	1,366	1,854	1,534	2,387	2,626	3,298	2,871
Dividends.....	312	777	880	837	1,447	1,629	1,890	1,775

<sup>1</sup> After all charges and before Federal income taxes and dividends.

<sup>2</sup> Nondurable includes 17 companies in groups not shown separately; durable, 27.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

**No. 703. AVERAGE ANNUAL CHANGE IN STOCK OF FIXED CAPITAL PER EMPLOYED PERSON IN THE PRIVATE ECONOMY: 1947 TO 1965**

[In percent. Refers to constant (1953) dollar private purchases of plant and equipment with an allowance for retirement. Covers all business capital but excludes religious, educational, hospital, and other institutional construction]

ITEM	1947-65	1947-57	1957-65
<b>Total</b> .....	2.1	2.1	1.6
Plant.....	1.0	0.6	0.8
Equipment.....	3.6	4.4	2.6

Source: Dept. of Labor and Dept. of Commerce; unpublished data.

## No. 704. NET CHANGE IN BUSINESS INVENTORIES: 1940 TO 1966

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Measures change in physical inventories, valued at average prices current during year. Difference between change in business inventories as thus measured and change in book value of inventories constitutes inventory valuation adjustment]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966 (prel.)
<b>Total</b> .....	2,183	-1,034	6,789	5,953	3,569	4,666	9,081	11,914
<b>Farm</b> .....	281	-439	789	467	233	-594	935	-258
<b>Nonfarm</b> .....	1,902	-595	6,000	5,486	3,336	5,260	8,146	12,172
Corporate.....	1,586	-1,027	4,823	4,927	3,031	4,430	6,805	10,783
Noncorporate.....	316	432	1,177	559	305	830	1,341	1,389
Change in book value.....	2,147	75	12,059	7,420	3,163	5,735	9,995	14,710
Corporate.....	1,786	-463	9,788	6,663	2,839	4,863	8,280	12,908
Noncorporate.....	361	538	2,271	757	324	872	1,715	1,802
Inventory valuation adjustment.....	-245	-670	-6,059	-1,934	173	-475	-1,849	-2,538
Corporate.....	-200	-564	-4,965	-1,736	192	-433	-1,475	-2,125
Noncorporate.....	-45	-106	-1,094	-198	-19	-42	-374	-413
<b>Nonfarm, by industry groups:</b>								
Manufacturing.....	1,218	-1,556	2,164	2,626	1,347	2,571	4,219	8,503
Change in book value.....	1,357	-1,121	5,496	4,008	1,015	2,904	4,978	9,670
Inventory valuation adjustment.....	-139	-435	-3,332	-1,382	332	-333	-759	-1,167
Wholesale trade.....	183	560	1,356	1,115	173	1,131	1,263	1,572
Change in book value.....	173	665	2,458	1,195	312	1,142	1,692	2,124
Inventory valuation adjustment.....	10	-105	-1,102	-80	-139	-11	-429	-552
Retail trade.....	482	272	2,131	2,092	1,381	1,130	2,158	1,679
Change in book value.....	563	358	3,351	2,294	1,524	1,180	2,722	2,271
Inventory valuation adjustment.....	-81	-86	-1,220	-202	-143	-50	-564	-592
All other.....	19	129	349	-347	435	428	506	418
Change in book value.....	54	173	754	-77	312	509	603	645
Inventory valuation adjustment.....	-35	-44	-405	-270	123	-81	-97	-227

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, July 1967.

## No. 705. USES AND SOURCES OF FUNDS, NONFARM NONFINANCIAL CORPORATE BUSINESS: 1950 TO 1966

[In billions of dollars. Minus sign (-) indicates a reduction in assets or liabilities. "N.e.c." means not elsewhere classified]

USE OR SOURCE	1950	1955	1960	1961	1962	1963	1964	1965	1966
<b>Uses, total</b> .....	41.9	51.4	45.2	55.0	61.7	65.8	67.2	87.4	93.5
<b>Purchases of physical assets</b> .....	24.1	31.5	39.2	37.0	44.7	46.7	52.2	61.9	73.2
Nonresidential fixed investment.....	17.8	25.8	34.9	33.2	37.0	38.6	44.1	51.3	59.4
Residential structures.....	1.5	.8	1.3	2.2	3.0	3.7	3.7	3.9	2.9
Change in business inventories.....	4.8	4.9	3.0	1.5	4.7	4.3	4.4	6.8	10.9
<b>Increase in financial assets</b> <sup>1</sup> .....	17.8	19.9	6.1	18.0	16.9	19.1	14.9	25.4	20.3
Liquid assets.....	4.4	5.2	-3.9	3.5	4.1	4.3	.7	.6	1.1
Demand deposits and currency.....	1.5	1.0	-.5	1.7	-.9	-.8	-2.5	-1.9	.7
Time deposits.....	-	-.1	1.3	1.9	3.7	3.9	3.2	3.9	-.7
U.S. Government securities.....	2.9	4.2	-5.4	-.2	.5	.5	-1.4	-2.1	-1.2
Finance company paper.....	(Z)	.1	.7	.1	.9	.7	1.5	.7	2.3
Consumer credit.....	.8	.7	.2	.1	.9	.7	1.0	1.2	1.1
Trade credit.....	11.8	11.4	6.3	10.0	8.2	8.5	9.1	13.7	10.9
Other financial assets.....	.8	2.3	3.7	4.6	4.1	4.8	4.0	9.3	6.5
<b>Sources, total</b> .....	41.5	53.7	47.3	54.7	63.3	65.9	70.5	88.1	96.1
<b>Internal sources</b> .....	17.9	29.2	34.4	35.6	41.8	43.9	50.8	55.3	58.7
Undistributed profits.....	14.3	13.9	10.0	10.2	12.4	13.6	18.5	21.7	23.3
Corporate inventory valuation adjustment.....	-5.0	-1.7	.2	-.1	.3	-.5	-.4	-1.5	-2.1
Capital consumption allowances.....	8.6	17.0	24.2	25.4	29.2	30.8	32.8	35.1	37.5
<b>External sources</b> .....	23.6	24.5	12.9	19.1	21.5	22.0	19.7	32.7	37.4
Stocks.....	1.4	1.9	1.6	2.5	.6	-.3	1.4	-	1.2
Bonds.....	1.6	2.8	3.5	4.6	4.6	3.9	4.0	5.4	10.2
Mortgages.....	.6	.7	.7	1.8	2.9	3.5	3.3	3.2	2.1
Bank loans, n.e.c.....	2.8	3.2	1.3	.1	2.5	2.9	3.6	9.3	7.6
Other loans.....	.2	(Z)	1.0	.3	.7	.5	1.3	1.3	2.1
Trade debt.....	8.7	8.7	3.1	6.6	4.4	6.0	3.4	7.3	7.7
Profits tax liability.....	7.5	4.1	-2.2	1.2	1.1	1.5	.9	2.0	-.4
Other liabilities.....	.8	3.0	4.0	1.9	4.7	4.0	1.8	4.2	6.8
<b>Discrepancy (uses less sources)</b> .....	.4	-2.2	-2.0	.3	-1.6	-.1	-3.3	-.7	-2.6

<sup>1</sup> - Represents zero. Z Less than \$50 million.

<sup>1</sup> Includes some categories not shown separately.

Source: Board of Governors of the Federal Reserve System and Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, February 1967 and May 1967.



# No. 706. GROSS PRIVATE DOMESTIC INVESTMENT AND ITS COMPONENTS: 1950 TO 1966

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Consists of net acquisitions of fixed capital goods by private business and nonprofit institutions; including commissions arising in sale and purchase of new and existing fixed assets, principally real estate; and value of change in volume of inventories held by business. Covers all private dwellings, including those acquired by persons for their own occupancy]

CLASS	1950	1955	1960	1961	1962	1963	1964	1965	1966 (prel.)
Gross private domestic investment .....	54.1	67.4	74.8	71.7	83.0	87.1	93.0	106.6	116.5
Nonfarm nonresidential structures and equipment <sup>1</sup> .....	24.2	34.8	45.2	43.5	48.0	50.0	56.3	64.8	73.4
Equipment <sup>2</sup> .....	15.7	21.2	27.7	25.8	29.4	31.2	35.9	40.6	46.3
Structures .....	8.5	13.6	17.4	17.7	18.5	18.8	20.3	24.2	27.2
Farm nonresidential structures and equipment <sup>3</sup> .....	3.7	3.3	3.3	3.5	3.7	4.3	4.5	4.9	5.9
Residential structures .....	19.4	23.3	22.8	22.6	25.3	27.0	27.6	27.8	25.8
Nonfarm .....	18.6	22.7	22.2	22.0	24.8	26.4	27.0	27.2	25.3
Farm .....	.8	.6	.6	.6	.6	.6	.6	.6	.6
Net change in business inventories <sup>4</sup> .....	6.8	6.0	3.6	2.0	6.0	5.9	4.7	9.1	11.9
Nonfarm .....	6.0	5.5	3.3	1.7	5.3	5.1	5.3	8.1	12.2
Farm .....	.8	.5	.2	.3	.7	.8	-.6	.9	-.3

<sup>1</sup> Items for nonfarm producers' structures and equipment are not comparable with those shown in table 707 principally because the latter exclude investment by real estate industry, nonprofit organizations, and professional persons.

<sup>2</sup> Total producers' durable equipment less farmers' purchases of equipment, including business motor vehicles.

<sup>3</sup> Farm nonresidential structures plus farmers' purchases of equipment, including business motor vehicles.

Sec footnote 2. <sup>4</sup> After inventory valuation adjustment.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, and unpublished data.

# No. 707. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1945 TO 1967

[In billions of dollars. Excludes Alaska and Hawaii. Excludes expenditures of agricultural business and outlays charged to current account]

INDUSTRY GROUP	1945	1950	1955	1960	1963	1964	1965	1966	1967 <sup>1</sup>
Total .....	8.69	20.60	28.70	35.68	39.22	44.90	51.96	60.63	63.00
Manufacturing .....	3.98	7.49	11.44	14.48	15.69	18.58	22.45	26.99	27.94
Durable goods industries .....	1.59	3.14	5.44	7.18	7.85	9.43	11.40	13.99	14.64
Primary iron and steel .....	.20	.60	.86	1.60	1.24	1.69	1.93	2.17	2.31
Primary nonferrous metals .....	.05	.13	.21	.31	.41	.48	.68	.86	.92
Electrical mach. and equip. ....	.12	.24	.44	.68	.69	.66	.85	1.19	1.47
Machinery, except electrical .....	.32	.41	.81	1.10	1.24	1.64	2.21	2.86	3.51
Motor vehicles and equipment .....	.26	.51	1.13	.89	1.06	1.51	1.98	1.93	1.69
Transportation equipment, excluding motor vehicles .....	.06	.08	.27	.42	.53	.48	.58	1.09	1.06
Stone, clay, and glass products .....	.10	.28	.50	.62	.61	.68	.78	.91	.86
Other durable goods <sup>2</sup> .....	.48	.87	1.21	1.56	2.05	2.28	2.41	2.98	2.84
Nondurable goods industries .....	2.39	4.36	6.00	7.30	7.84	9.16	11.05	13.00	13.30
Food and beverages .....	.43	.76	.72	.92	.97	1.06	1.24	1.39	1.49
Textile-mill products .....	.21	.45	.37	.53	.64	.76	.98	1.13	1.00
Paper and allied products .....	.12	.33	.52	.75	.72	.94	1.12	1.50	1.55
Chemicals and allied products .....	.38	.77	1.02	1.60	1.61	1.97	2.59	2.99	3.04
Petroleum and coal products .....	.88	1.59	2.80	2.64	2.92	3.36	3.82	4.42	4.59
Rubber products .....	.12	.10	.15	.23	.24	.27	.34	.42	.52
Other nondurable goods <sup>3</sup> .....	.26	.36	.44	.64	.73	.80	.96	1.14	1.11
Mining .....	.38	.71	.96	.99	1.04	1.19	1.30	1.47	1.58
Railroad .....	.55	1.11	.92	1.03	1.10	1.41	1.73	1.98	1.48
Transportation, other than rail .....	.57	1.21	1.60	1.94	1.92	2.38	2.81	3.44	3.94
Public utilities .....	.50	3.31	4.31	5.68	5.65	6.22	6.94	8.41	9.15
Communication .....	.32	1.10	1.98	3.13	3.79	4.30	4.94	5.62	18.91
Commercial and other <sup>4</sup> .....	2.38	5.67	7.49	8.44	10.03	10.83	11.79	12.74	

<sup>1</sup> Estimates based on anticipated capital expenditures as reported by business in February 1967.

<sup>2</sup> Comprises fabricated metal products, lumber products, furniture and fixtures, instruments, ordnance, and miscellaneous manufactures.

<sup>3</sup> Comprises apparel and related products, tobacco, leather and leather products, and printing and publishing.

<sup>4</sup> Comprises trade, service, finance, and construction.

Source: Dept. of Commerce, Office of Business Economics, and Securities and Exchange Commission; in *Survey of Current Business*.

# No. 708. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT, QUARTERLY TOTALS AT ANNUAL RATES: 1965 TO 1967

[In billions of dollars. Excludes Alaska and Hawaii. Seasonally adjusted. See headnote, table 707]

INDUSTRY	1965				1966				1967 <sup>1</sup>		
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Dec.
Total.....	49.0	50.4	52.8	55.4	58.0	60.1	61.3	62.8	62.6	62.3	63.7
Manufacturing.....	20.8	21.6	23.0	24.1	25.6	26.8	27.6	27.8	27.6	27.7	28.2
Durable goods.....	10.4	10.8	11.8	12.5	13.2	13.9	14.4	14.5	14.5	14.3	14.9
Nondurable goods.....	10.4	10.7	11.3	11.7	12.5	13.0	13.2	13.3	13.2	13.5	13.3
Mining.....	1.3	1.3	1.3	1.4	1.4	1.6	1.5	1.5	1.5	1.6	1.7
Railroad.....	1.8	1.6	1.7	2.0	1.8	2.0	1.9	2.4	1.7	1.4	1.5
Trans. other than rail.....	2.6	2.7	3.0	3.0	3.3	3.5	3.4	3.5	3.5	4.0	4.2
Public utilities.....	6.8	6.9	6.8	7.3	8.3	8.3	8.6	8.5	9.3	9.5	8.9
Commercial and other <sup>2</sup> .....	15.9	16.4	17.1	17.6	17.7	18.0	18.5	19.3	19.1	18.2	19.2

<sup>1</sup> See footnote 1, table 707.

<sup>2</sup> Comprises trade, service, finance, construction, and communication.

Source: Dept. of Commerce, Office of Business Economics, and Securities and Exchange Commission; in *Survey of Current Business*.

# No. 709. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED: 1920 TO 1966

[Total limited to actions reported by Moody's Investors Service and Standard and Poor's Corporation. Many smaller acquisitions are not reported in these sources. Includes partial acquisitions when they comprise whole divisions of other companies. See also *Historical Statistics, Colonial Times to 1957*, series V 30]

PERIOD	Total	YEAR	Total	LARGE CONCERNS <sup>1</sup>		YEAR	Total	LARGE CONCERNS <sup>1</sup>	
				Number	Assets (mil. dol.)			Number	Assets (mil. dol.)
1920-1924.....	2,235	1950.....	219	4	173	1959.....	835	64	1,959
1925-1929.....	4,583	1951.....	235	9	201	1960.....	844	62	1,708
		1952.....	288	13	327	1961.....	954	59	2,129
1930-1934.....	1,687	1953.....	295	23	679				
1935-1939.....	577	1954.....	387	35	1,420	1962.....	853	72	2,192
						1963.....	861	68	2,917
1950-1954.....	1,424	1955.....	683	67	2,115	1964.....	854	90	2,784
1955-1959.....	3,365	1956.....	673	58	2,036				
		1957.....	585	49	1,459	1965.....	1,008	93	3,910
1960-1964.....	4,366	1958.....	589	39	1,119	1966.....	995	98	4,006

<sup>1</sup> Includes all concerns with assets of \$10 million and over.

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and news release, February 24, 1967.

# No. 710. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED, BY INDUSTRY GROUP OF ACQUIRING CONCERN: 1948 TO 1966

[See headnote, table 709]

INDUSTRY GROUP OF ACQUIRING CONCERN	1948-1957, total	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	3,714	589	835	844	954	853	861	854	1,008	995
Mining.....	234	53	44	33	50	32	55	39	47	42
Manufacturing.....	3,241	503	734	742	780	744	716	712	826	841
Food and kindred products.....	414	51	69	61	73	56	67	69	86	69
Tobacco manufactures.....	17	2	3	2	5	5	6	6	5	9
Textiles and apparel.....	227	23	46	53	51	59	62	55	76	64
Lumber and furniture.....	76	9	24	32	15	21	29	12	24	29
Paper and allied products.....	145	32	39	52	28	23	16	14	27	21
Printing and publishing.....	51	14	23	26	46	31	31	24	30	23
Chemicals.....	317	58	76	68	86	108	78	103	89	105
Petroleum and coal products.....	75	11	20	10	10	25	14	19	24	13
Rubber products.....	51	4	5	14	18	15	14	13	20	15
Leather products.....	34	2	5	1	7	9	6	9	6	6
Stone, clay, and glass products.....	124	21	40	27	24	22	15	15	24	27
Primary metals.....	181	29	36	29	34	36	35	39	28	33
Fabricated metals.....	278	39	53	45	57	32	46	45	63	50
Machinery, except electrical.....	516	71	91	77	87	73	88	72	87	102
Electrical machinery.....	289	59	82	113	122	113	109	116	117	145
Transportation equipment.....	264	49	65	67	47	56	46	56	59	64
Professional and scientific instruments.....	111	20	37	35	50	42	28	34	36	50
Miscellaneous manufactures.....	71	9	20	30	20	18	26	11	25	16
Nonmanufacturing.....	239	33	57	69	124	77	90	103	135	112

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and news releases.



# **No. 711. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED, BY SIZE OF ASSETS OF ACQUIRING CONCERN: 1948 TO 1966**

[See headnote, table 709]

ASSETS OF ACQUIRING CONCERN	1948-1963		1964		1965		1966	
	Number acquired	Per- cent	Number acquired	Per- cent	Number acquired	Per- cent	Number acquired	Per- cent
<b>Total</b> .....	8,650	100.0	854	100.0	1,008	100.0	995	100.0
Under \$1,000,000.....	94	1.1	7	0.8	19	1.9	3	0.3
\$1,000,000 to \$4,999,999.....	1,163	13.4	101	11.8	101	10.0	102	10.2
\$5,000,000 to \$9,999,999.....	1,123	13.0	99	11.6	104	10.3	107	10.8
\$10,000,000 to \$49,999,999.....	2,812	32.5	283	33.2	325	32.3	318	32.0
\$50,000,000 and over.....	2,685	31.0	280	32.8	379	37.6	396	39.8
Assets unknown.....	773	8.9	84	9.8	80	7.9	69	6.9

Source: Federal Trade Commission; *Report on Corporate Mergers and Acquisitions*, 1955, and news releases.

# **No. 712. BANKRUPTCY CASES FILED AND PENDING: 1905 TO 1966**

[For years ending June 30. Covers all U.S. District Courts. A bankruptcy case is a proceeding filed in a U.S. District Court under the National Bankruptcy Act. "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the court; "Pending" is a proceeding in which the administration has not been completed]

YEAR	Filed	Pending	YEAR	Filed	Pending	YEAR	Filed	Pending
1905.....	16,946	27,957	1950.....	33,392	38,376	1961.....	146,643	123,690
1910.....	18,053	25,302	1955.....	59,404	55,592	1962.....	147,780	133,761
1915.....	27,632	43,515						
1920.....	13,558	29,728	1956.....	62,086	59,364	1963.....	155,493	147,814
			1957.....	73,761	68,457	1964.....	171,719	157,166
1925.....	45,641	59,959						
1930.....	62,845	61,410	1958.....	91,668	80,446	1965.....	180,323	162,372
1935.....	69,153	65,347	1959.....	100,672	84,273	1966.....	192,354	168,507
1940.....	52,320	54,740	1960.....	110,034	94,990			
1945.....	12,862	21,461						

Source: Administrative Office of the United States Courts; *Tables of Bankruptcy Statistics*, 1940 to date; earlier years, annual reports of the Attorney General of the United States.

# **No. 713. BANKRUPTCY CASES FILED, BY TYPE OF BANKRUPTCY AND OCCUPATION OF DEBTOR: 1940 TO 1966**

[For years ending June 30. Covers all U.S. District Courts. The majority of cases filed are voluntary straight bankruptcy petitions filed by employees and individuals not engaged in business]

ITEM	1940	1950	1955	1960	1962	1963	1964	1965	1966
<b>Total</b> .....	52,320	33,392	59,404	110,034	147,780	155,493	171,719	180,323	192,354
<b>TYPE</b>									
Straight bankruptcies.....	45,654	26,632	48,899	95,710	123,881	129,814	143,167	151,137	163,005
Voluntary.....	43,902	25,263	47,650	94,414	122,499	128,405	141,828	149,820	161,840
Involuntary.....	1,752	1,369	1,249	1,296	1,382	1,409	1,339	1,317	1,165
Corporate reorganization <sup>1</sup> .....	320	134	73	90	77	128	125	88	101
Arrangements <sup>2</sup> .....	1,139	614	566	634	940	1,221	1,135	1,071	984
Wage earners' plans <sup>3</sup> .....	3,247	6,007	9,864	13,599	22,880	24,329	27,292	28,027	28,261
Other.....	1,960	5	2	1	2	1	-	-	3
<b>OCCUPATION OF DEBTOR<sup>4</sup></b>									
Merchants.....	4,651	2,565	3,317	3,157	3,804	3,797	4,533	4,332	4,209
Manufacturers.....	921	803	750	624	579	680	660	688	624
Farmers.....	2,678	290	386	453	548	554	565	589	551
Employees.....	36,846	22,933	46,163	89,639	120,742	127,157	141,550	148,965	160,299
Members of professions.....	801	126	217	495	768	749	779	778	627
Other.....	6,423	6,675	8,571	15,666	19,957	21,137	22,282	23,628	24,871
In business.....	4,193	4,568	4,515	7,555	8,581	9,118	8,639	9,188	9,260
Not in business.....	2,230	2,107	4,056	8,111	11,376	12,019	13,643	14,440	15,611

- Represents zero.

<sup>1</sup> Includes petitions filed under Chapter X (Corporate Reorganization) of the National Bankruptcy Act.

<sup>2</sup> Includes petitions filed under Chapter XI (Arrangements) and Chapter XII (Real Estate Arrangements) of the National Bankruptcy Act.

<sup>3</sup> Includes petitions filed under Chapter XIII (Wage Earners' Plans) of the National Bankruptcy Act.

<sup>4</sup> Beginning 1962, excludes straight and corporate involuntary.

Source: Administrative Office of the United States Courts; *Tables of Bankruptcy Statistics*.



No. 714. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1921 TO 1966

[Excludes Alaska and Hawaii. Excludes all railroad failures. Beginning 1933, excludes real estate and financial companies. Beginning 1939, includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims. See also *Historical Statistics, Colonial Times to 1957*, series V 1-3]

YEARLY AVERAGE OR YEAR	Total concerns in business <sup>1</sup> (1,000)	FAILURES <sup>2</sup>				YEAR OR MONTH	Total concerns in business <sup>1</sup> (1,000)	FAILURES <sup>2</sup>			
		Number	Rate per 10,000 concerns	Current liabilities <sup>3</sup> (mil.dol.)	Average liability			Number	Rate per 10,000 concerns <sup>4</sup>	Current liabilities <sup>3</sup> (mil.dol.)	Average liability
1921-1925	2,013	20,775	103	556	\$26,740	1957	2,652	13,739	52	615	\$44,784
1926-1930	2,185	23,605	108	514	21,779	1958	2,675	14,964	56	728	48,667
1931-1935	2,024	20,860	102	553	26,526	1959	2,708	14,053	52	693	49,300
1936-1940	2,088	12,064	58	196	16,282	1960	2,708	15,445	57	939	60,772
1941-1945	2,022	5,301	25	69	12,988	1961	2,641	17,075	64	1,090	63,843
1946-1950	2,493	5,652	21	213	44,733	1962	2,589	15,782	61	1,214	76,898
1951-1955	2,635	9,317	35	370	39,322	1963	2,544	14,374	56	1,353	94,100
1956-1960	2,674	14,177	53	708	49,576	1964	2,524	13,501	53	1,329	98,454
1961-1965	2,565	14,849	57	1,261	86,219	1965	2,527	13,514	53	1,322	97,800
1950	2,687	9,162	34	248	27,099	1966	2,520	13,061	52	1,386	106,091
1951	2,608	8,058	31	260	32,210	Jan	2,523	1,084	51	103	95,180
1952	2,637	7,611	29	283	37,224	Mar	2,524	1,226	50	103	84,397
1953	2,667	8,862	33	394	44,477	May	2,519	997	46	96	96,666
1954	2,632	11,086	42	463	41,731						
1955	2,633	10,969	42	449	40,968	July	2,520	1,017	52	70	68,708
1956	2,629	12,686	48	563	44,356	Sept	2,520	1,040	57	129	124,194
						Nov	2,536	1,112	56	107	95,982

<sup>1</sup> Annual data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*; monthly data are listings in edition published in specified month. See table 716 for class of industries covered.

<sup>2</sup> Includes concerns discontinuing following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership, and, since June 1934, reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court.

<sup>3</sup> Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

<sup>4</sup> Monthly data represent annual rate at which business concerns would fail if number of concerns and failures listed in that month prevailed for entire year. Adjustments have been made for seasonal fluctuations.

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1965*, and unpublished data.

No. 715. INDUSTRIAL AND COMMERCIAL FAILURES—PERCENT DISTRIBUTION, BY MAJOR INDUSTRY GROUP AND YEARS IN BUSINESS: 1956 TO 1966

[Excludes Alaska and Hawaii]

YEARS IN BUSINESS	ALL CONCERNS		MINING AND MANUFACTURING		WHOLESALE		RETAIL		CONSTRUCTION		COMMERCIAL SERVICE	
	Annual avg., 1956-1965	1966	Annual avg., 1956-1965	1966	Annual avg., 1956-1965	1966	Annual avg., 1956-1965	1966	Annual avg., 1956-1965	1966	Annual avg., 1956-1965	1966
Number of failures	14,513	13,061	2,461	1,852	1,434	1,255	7,003	6,076	2,353	2,510	1,263	1,368
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First year	3.3	2.6	2.8	2.4	2.5	1.7	4.3	3.5	1.7	1.4	3.3	2.4
Second year	17.1	15.7	14.7	12.6	12.4	13.6	21.0	20.4	11.1	9.0	16.5	14.0
Third year	16.5	18.2	14.7	16.0	14.2	16.5	18.3	20.5	14.8	15.4	16.5	17.8
Fourth year	11.7	12.5	11.0	10.1	10.9	10.7	11.8	13.4	12.8	12.8	12.4	13.6
Fifth year	8.4	8.4	7.8	8.1	8.2	8.0	7.9	7.7	10.4	10.3	8.6	8.2
Sixth year	6.5	6.7	6.3	7.1	6.3	6.9	5.9	5.8	8.2	8.4	6.8	6.7
Seventh year	5.0	5.4	4.8	6.0	5.1	4.9	4.5	4.5	6.4	6.4	5.3	6.8
Eighth year	4.1	3.9	4.1	3.9	4.3	3.9	3.6	3.3	5.1	5.0	4.1	5.1
Ninth year	3.4	3.0	3.6	2.8	3.6	3.6	3.0	2.2	4.2	4.9	3.5	3.4
Tenth year	2.9	2.5	3.2	2.8	3.3	1.1	2.5	1.9	3.6	4.1	3.2	3.2
Over 10 years	21.1	21.1	27.0	28.2	29.2	29.1	17.2	16.8	21.7	22.3	19.8	18.8

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1965*, and unpublished data.

**No. 716. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRY AND SIZE OF LIABILITY: 1955 TO 1966**

[Liabilities in thousands of dollars. Excludes Alaska and Hawaii. See footnotes 2 and 3, table 714]

INDUSTRY AND SIZE OF LIABILITY	FAILURES				CURRENT LIABILITIES			
	1955	1960	1965	1966	1955	1960	1965	1966
<b>Total</b> .....	10,969	15,445	13,514	13,061	449,380	938,630	1,321,666	1,385,659
<b>Mining and manufacturing</b> .....	2,202	2,612	2,097	1,852	156,945	289,635	350,324	352,861
<b>By industry:</b>								
Mining—coal, oil, misc.....	55	98	84	73	5,156	19,650	14,556	15,740
Food and kindred products.....	165	173	149	122	14,198	31,276	29,549	27,620
Textile-mill products and apparel.....	506	435	317	276	25,334	36,374	39,128	50,296
Lumber and products.....	336	520	344	296	13,658	38,292	35,098	54,921
Paper, printing, and publishing.....	114	200	202	174	6,760	12,084	31,674	10,494
Chemicals and allied products.....	49	63	79	78	3,454	5,662	11,796	16,361
Leather and products.....	80	82	42	30	4,358	12,786	6,180	9,027
Stone, clay, and glass products.....	49	44	41	59	1,821	4,000	10,247	13,417
Iron, steel, and products.....	120	167	128	98	14,219	27,046	37,326	27,060
Machinery.....	291	289	271	219	37,278	44,682	73,010	46,843
Transportation equipment.....	47	133	95	94	5,327	16,854	11,041	16,202
Miscellaneous.....	390	408	345	333	25,382	40,929	50,719	64,880
<b>By size of liability:</b>								
Under \$25,000.....	1,093	1,071	633	542	12,182	11,798	7,551	6,502
\$25,000 to \$100,000.....	764	941	831	739	36,288	46,364	41,345	35,706
\$100,000 and over.....	345	600	633	571	108,475	231,473	301,428	310,653
<b>Wholesale trade</b> .....	1,164	1,473	1,355	1,255	57,682	107,156	144,361	176,874
<b>By industry:</b>								
Food and farm products.....	274	321	275	243	12,635	29,318	27,276	28,003
Apparel.....	62	46	37	38	2,176	3,513	3,142	4,718
Dry goods.....	54	35	39	40	4,107	1,403	3,157	9,702
Lumber, bldg. materials, hardware.....	135	184	183	156	7,014	14,040	17,542	18,692
Chemicals and drugs.....	36	45	43	56	1,187	1,626	2,569	27,544
Motor vehicles and auto equipment.....	68	116	114	131	2,020	7,404	6,634	7,615
Miscellaneous.....	535	726	664	591	28,543	49,852	84,041	80,600
<b>By size of liability:</b>								
Under \$25,000.....	632	654	444	395	7,385	7,867	5,237	4,771
\$25,000 to \$100,000.....	412	577	600	561	19,690	27,889	29,391	27,947
\$100,000 and over.....	120	242	311	299	30,607	71,400	109,733	144,156
<b>Retail trade</b> .....	5,339	7,386	6,250	6,076	121,619	241,094	287,478	344,346
<b>By industry:</b>								
Food and liquor.....	1,053	1,059	823	818	19,556	28,557	32,095	35,636
General merchandise.....	193	255	225	201	5,193	12,844	26,238	42,829
Apparel and accessories.....	865	978	642	580	17,774	25,753	23,079	23,104
Furniture, home furnishings.....	719	968	679	608	21,072	38,782	39,393	32,048
Lumber, bldg. materials, hardware.....	324	487	366	375	10,367	20,063	20,200	22,727
Automotive group.....	544	1,338	1,267	1,316	12,915	49,944	56,088	65,583
Eating and drinking places.....	956	1,426	1,397	1,361	20,330	41,589	56,941	65,554
Drug stores.....	128	166	184	155	2,574	5,817	9,368	28,032
Miscellaneous.....	557	709	667	662	11,838	17,745	24,076	28,833
<b>By size of liability:</b>								
Under \$25,000.....	4,057	4,838	3,391	2,986	38,351	50,719	39,300	36,458
\$25,000 to \$100,000.....	1,101	2,164	2,307	2,504	48,197	94,846	104,779	117,038
\$100,000 and over.....	181	384	552	586	35,071	95,529	143,399	190,850
<b>Construction</b> .....	1,404	2,607	2,513	2,510	83,179	201,369	290,980	326,376
<b>By industry:</b>								
General building contractors.....	443	1,020	1,030	1,049	39,827	110,656	196,633	229,737
Building subcontractors.....	880	1,419	1,329	1,326	34,485	74,177	78,049	80,351
Other contractors.....	81	168	154	135	8,867	16,536	16,298	16,288
<b>By size of liability:</b>								
Under \$25,000.....	777	1,180	951	917	8,737	13,296	11,258	11,458
\$25,000 to \$100,000.....	462	991	1,074	1,015	21,779	48,040	53,733	50,245
\$100,000 and over.....	165	436	488	578	52,663	140,033	225,989	264,673
<b>Commercial service</b> .....	860	1,367	1,299	1,368	29,955	99,376	248,523	185,202
<b>By industry:</b>								
Passenger and freight transportation.....	255	410	370	372	11,870	38,356	68,863	27,735
Miscellaneous public services.....	30	62	82	62	4,028	3,874	69,801	8,570
Hotels.....	41	82	88	92	5,901	23,271	32,217	108,953
Cleaning, dyeing, repairing.....	95	122	92	96	1,229	3,381	3,206	3,467
Laundries.....	50	68	51	55	1,344	2,459	2,167	3,015
Undertakers.....	8	7	13	12	401	172	531	971
Other personal services.....	61	81	102	120	536	3,583	2,250	3,163
Business and repair services.....	320	535	501	559	4,646	24,280	69,488	29,328
<b>By size of liability:</b>								
Under \$25,000.....	638	829	655	661	5,706	8,561	7,265	7,651
\$25,000 to \$100,000.....	177	405	454	513	8,049	17,823	21,793	23,757
\$100,000 and over.....	45	133	190	194	16,200	72,992	219,465	153,794

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1966*, and unpublished data.



# No. 717. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1960 TO 1966

STATE	TOTAL CONCERNS IN BUSINESS <sup>1</sup>			FAILURES <sup>2</sup>						
				Number			As per- cent of con- cerns in busi- ness, 1966	Current liabilities (\$1,000)		
	1960	1965	1966	1960	1965	1966		1960	1965	1966
<b>United States <sup>3</sup></b>	<b>2,707,519</b>	<b>2,527,360</b>	<b>2,520,173</b>	<b>15,445</b>	<b>13,514</b>	<b>13,061</b>	<b>0.52</b>	<b>938,630</b>	<b>1,321,666</b>	<b>1,385,659</b>
<b>New England</b>	<b>175,369</b>	<b>157,551</b>	<b>156,967</b>	<b>717</b>	<b>729</b>	<b>731</b>	<b>0.47</b>	<b>56,688</b>	<b>62,734</b>	<b>100,654</b>
Maine	15,523	13,813	13,709	39	72	58	0.42	3,875	3,402	2,450
New Hampshire	10,213	9,730	9,787	33	52	49	0.50	2,424	3,034	2,897
Vermont	6,692	6,347	6,381	14	5	11	0.17	1,223	181	1,011
Massachusetts	88,527	76,259	75,518	295	378	398	0.53	28,887	29,601	81,538
Rhode Island	15,903	15,259	14,215	103	86	85	0.60	5,730	5,837	3,029
Connecticut	38,511	36,143	37,357	233	136	130	0.35	14,549	20,679	9,729
<b>Middle Atlantic</b>	<b>529,082</b>	<b>505,698</b>	<b>500,650</b>	<b>4,609</b>	<b>3,374</b>	<b>2,870</b>	<b>0.57</b>	<b>276,280</b>	<b>471,995</b>	<b>403,825</b>
New York	253,471	243,751	238,246	3,093	2,268	1,880	0.79	191,546	328,043	240,874
New Jersey	99,181	96,558	98,092	714	512	442	0.45	49,071	96,334	61,191
Pennsylvania	176,430	165,389	164,312	802	594	548	0.33	35,663	47,618	101,760
<b>East North Central</b>	<b>526,957</b>	<b>484,592</b>	<b>481,864</b>	<b>2,683</b>	<b>1,945</b>	<b>1,755</b>	<b>0.36</b>	<b>146,212</b>	<b>139,670</b>	<b>121,170</b>
Ohio	132,646	126,524	126,424	836	751	758	0.60	38,603	54,652	32,270
Indiana	66,344	62,405	61,745	151	111	115	0.19	9,686	10,923	7,748
Illinois	152,962	133,988	132,928	836	566	413	0.31	47,367	38,738	36,224
Michigan	104,091	98,773	98,968	524	222	215	0.22	37,687	16,114	22,860
Wisconsin	70,914	62,902	61,799	336	295	254	0.41	12,869	19,243	22,068
<b>West North Central</b>	<b>266,327</b>	<b>247,086</b>	<b>240,001</b>	<b>492</b>	<b>654</b>	<b>652</b>	<b>0.27</b>	<b>29,204</b>	<b>49,352</b>	<b>56,356</b>
Minnesota	54,680	53,091	51,704	101	294	360	0.70	5,050	19,548	23,945
Iowa	51,272	45,850	45,365	92	101	72	0.16	4,393	5,658	12,589
Missouri	70,700	60,717	59,619	132	88	70	0.12	7,489	10,542	9,505
North Dakota	10,654	10,496	10,326	13	17	29	0.28	1,496	2,897	1,645
South Dakota	12,266	12,083	11,527	5	29	19	0.16	179	1,509	491
Nebraska	27,802	26,970	25,930	32	56	55	0.21	2,366	3,111	3,537
Kansas	38,953	37,879	35,530	117	69	47	0.13	8,231	6,087	4,644
<b>South Atlantic</b>	<b>363,439</b>	<b>328,879</b>	<b>333,698</b>	<b>1,695</b>	<b>1,459</b>	<b>1,266</b>	<b>0.38</b>	<b>78,940</b>	<b>107,524</b>	<b>112,750</b>
Delaware	6,257	5,898	6,094	18	6	14	0.23	1,532	619	984
Maryland	36,553	36,155	36,211	160	218	221	0.61	7,043	17,027	19,628
Dist. of Columbia	9,484	10,547	10,142	30	14	10	0.10	2,161	1,281	1,155
Virginia	49,170	44,657	44,914	143	119	130	0.29	10,681	9,244	9,124
West Virginia	26,094	22,634	24,088	85	105	86	0.36	4,051	6,345	5,955
North Carolina	65,137	58,225	56,743	152	75	56	0.10	4,874	5,030	3,019
South Carolina	29,168	28,097	28,745	162	52	3	0.01	2,349	554	42
Georgia	55,019	50,231	50,687	227	269	204	0.40	11,813	20,009	18,069
Florida	86,557	72,435	76,074	718	601	542	0.71	34,436	47,415	54,774
<b>East South Central</b>	<b>150,966</b>	<b>147,377</b>	<b>147,479</b>	<b>406</b>	<b>426</b>	<b>399</b>	<b>0.27</b>	<b>33,016</b>	<b>39,726</b>	<b>32,384</b>
Kentucky	41,501	39,804	39,937	86	62	105	0.26	11,593	6,375	7,022
Tennessee	45,272	44,664	44,874	172	188	134	0.30	10,850	19,938	13,802
Alabama	37,253	35,769	35,503	85	123	109	0.31	4,149	9,679	7,219
Mississippi	26,940	27,140	27,165	63	53	51	0.19	6,424	3,734	4,341
<b>West South Central</b>	<b>283,784</b>	<b>261,265</b>	<b>262,706</b>	<b>888</b>	<b>1,081</b>	<b>883</b>	<b>0.34</b>	<b>77,942</b>	<b>133,209</b>	<b>105,429</b>
Arkansas	28,046	27,761	27,906	76	84	61	0.22	5,231	5,301	4,847
Louisiana	47,687	44,330	45,594	190	167	128	0.28	9,725	45,346	10,881
Oklahoma	42,333	38,783	38,403	105	119	142	0.37	8,078	9,488	14,961
Texas	165,718	150,391	150,803	517	711	552	0.37	54,908	73,074	74,740
<b>Mountain</b>	<b>116,081</b>	<b>115,330</b>	<b>114,045</b>	<b>452</b>	<b>787</b>	<b>729</b>	<b>0.64</b>	<b>26,020</b>	<b>53,148</b>	<b>56,959</b>
Montana	12,882	11,880	11,573	17	7	17	0.15	555	279	766
Idaho	10,879	10,119	10,063	40	69	60	0.60	1,987	4,375	3,845
Wyoming	6,735	6,902	6,756	5	11	8	0.12	630	400	692
Colorado	34,072	33,859	33,575	110	143	112	0.33	6,348	15,467	9,519
New Mexico	15,693	16,336	16,511	43	84	91	0.55	2,222	5,623	6,880
Arizona	18,277	18,620	17,609	183	203	195	1.11	11,662	10,439	20,740
Utah	12,832	12,390	12,361	37	243	203	1.64	1,623	14,085	12,299
Nevada	4,711	5,224	5,597	17	27	43	0.77	993	2,480	2,218
<b>Pacific <sup>3</sup></b>	<b>295,514</b>	<b>279,582</b>	<b>282,763</b>	<b>3,503</b>	<b>3,059</b>	<b>3,776</b>	<b>1.34</b>	<b>214,328</b>	<b>264,308</b>	<b>396,132</b>
Washington	42,082	41,764	42,293	428	363	440	1.04	15,534	15,739	22,101
Oregon	28,433	27,128	27,177	541	338	340	1.25	13,407	12,230	14,601
California	224,999	210,690	213,293	2,534	2,358	2,996	1.40	185,387	236,339	359,430

<sup>1</sup> Represents number of names listed in July issue of *Dun & Bradstreet Reference Book*. See table 716 for class of industries covered. <sup>2</sup> See footnotes 2 and 3, table 714.

<sup>3</sup> Excludes Alaska and Hawaii.

Source: Dun & Bradstreet, Inc., New York, N.Y.; *The Failure Record Through 1965*, and unpublished data.



## Section 18

### Communications

This section presents statistics on usage, finances, and operations of the various communications media: Postal service, telephone, telegraph, radio, television, newspapers, and books. Data on the postal service are included in the *Annual Report of the Postmaster General*. Statistics on revenues, volume of mail, and distribution of expenditures by classes of mail and services are presented in the Post Office Department's annual *Cost Ascertainment Report*. Principal sources of wire, radio, and television data are the Federal Communications Commission's *Annual Report*, its annual *Statistics of Communications Common Carriers*, and its annual releases of financial data reported by radio and television stations and networks. Statistics on number and circulation of newspapers and periodicals and on sales of books and pamphlets are issued by the Bureau of the Census in reports of the Census of Manufactures. Annual data on number and circulation of daily and Sunday newspapers appear in Editor and Publisher's *International Yearbook Number*. Monthly data on new books and new editions of books are presented by R. R. Bowker Company in *Publishers' Weekly*.

**Postal Service.**—"Cost ascertainment" is the term used by the Post Office Department to describe its system for developing data on revenues, expenses, volume, and average hauls fairly attributable to each class of mail handled by the Postal Service (first, second, third, fourth, foreign, penalty, franked, free for the blind, and air mail) and similar data for each of its special services (special delivery, money order, insurance, collect-on-delivery, registry, certified, and postal savings).

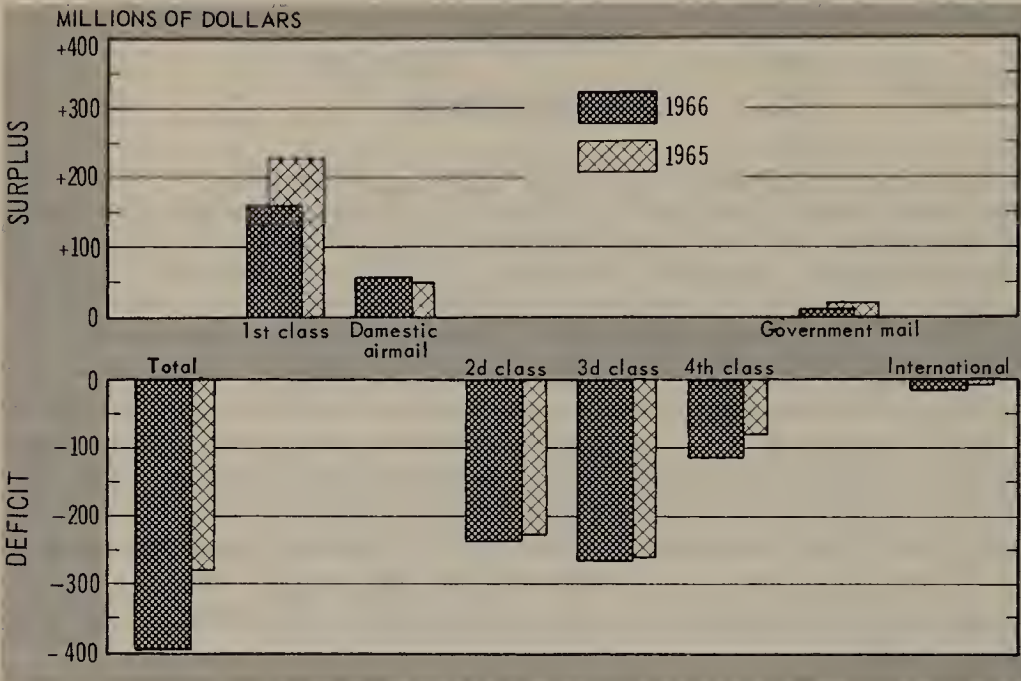
**Telephone and telegraph systems.**—Statistical coverage of wire and radio communications has been concentrated in the Federal Communications Commission since its establishment in 1934. According to the Communications Act of 1934, as amended, the Commission has full jurisdiction only over carriers engaged in interstate or foreign communications service by means of their own facilities or those of another carrier under direct or indirect common control. The Commission requires all except the smallest of these carriers to file annual and monthly reports and requires the companies controlling any but the smallest to file annual reports. Full jurisdiction applies to practically all domestic and overseas telegraph carriers and to the Communications Satellite Corporation but not to a large number of telephone carriers which are engaged in interstate or foreign service only by connection with the facilities of another unaffiliated carrier. However, the gross operating revenues of the telephone carriers reporting annually to the Commission are estimated to cover over 90 percent of the revenues of all telephone carriers in the United States.

**Broadcasting.**—The number of broadcast stations authorized refers to the number licensed or holding construction permits. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc. Reports filed with the Federal Communications Commission by broadcast stations and networks cover substantially all units operating in the United States and its outlying areas.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXXII. SURPLUS OR DEFICIT IN MAIL REVENUES AND ACCRUED COSTS  
1965 AND 1966

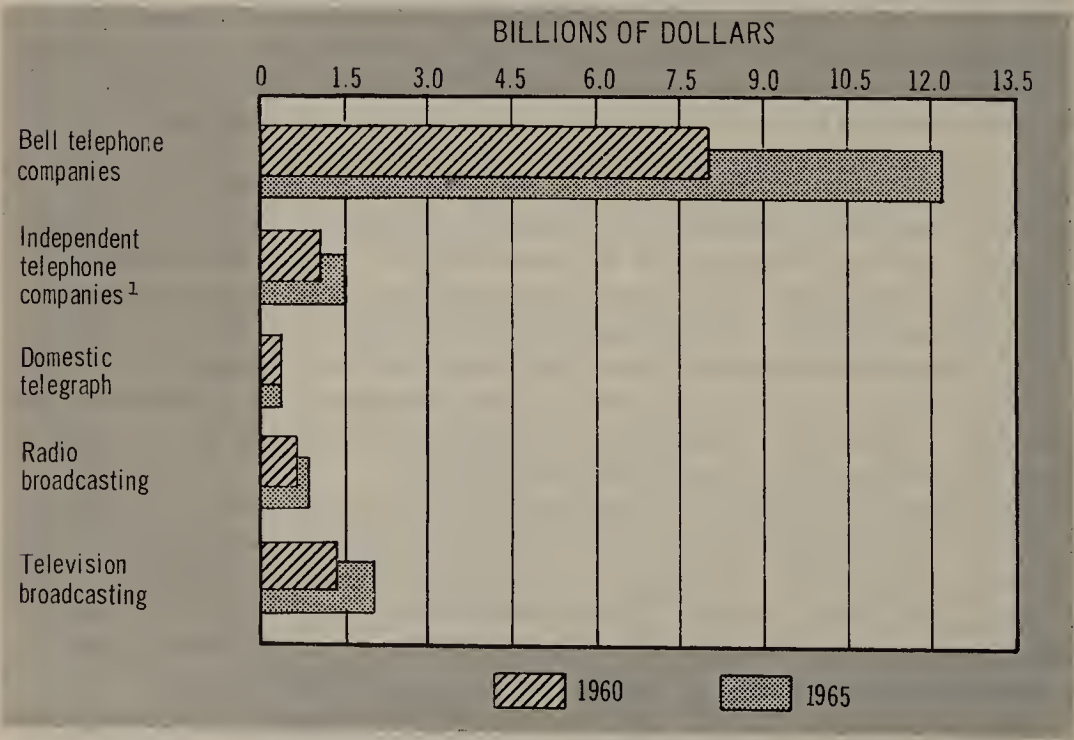
[See table 720]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Post Office Dept.

FIG. XXXIII. OPERATING REVENUES OF SELECTED COMMUNICATIONS MEDIA: 1960  
AND 1965

[See tables 727, 728, 734, 739, and 740]



<sup>1</sup> Includes estimates for nonreporting companies; see footnote 2, table 728.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from American Telephone & Telegraph Company, United States Independent Telephone Association, and Federal Communications Commission.

## No. 718. UNITED STATES POSTAL SERVICE—SUMMARY: 1900 TO 1966

[For years ending June 30. Includes Puerto Rico and all outlying areas except Canal Zone; see table 723. See text, p. 503. See also *Historical Statistics, Colonial Times to 1957*, series R 139-141 and R 145]

YEAR	Number of post offices	FINANCES <sup>1</sup>			Revenue per capita <sup>3</sup>	MONEY ORDERS ISSUED		Sales of postage stamps and other stamped paper	Postage paid under permit (1st, 2d, 3d, and 4th class)	Number of pieces of mail handled <sup>4</sup>
		Revenues	Expenditures <sup>2</sup>	Surplus (+) or deficit (-)		Domes-tic	Inter-national			
		Mil. dol.	Mil. dol.	Mil. dol.	Dollars	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Millions
1900.....	76,688	102	108	-5	1.34	239	17	94	( <sup>5</sup> )	7,130
1905.....	68,131	153	167	-15	1.82	402	43	140	1	10,188
1910.....	59,580	224	230	-6	2.43	558	90	202	4	14,850
1915.....	56,380	287	299	-11	2.85	654	52	256	8	(NA)
1920.....	52,641	437	454	-17	4.11	1,333	23	380	13	(NA)
1925.....	50,957	600	639	-40	5.28	1,533	36	508	39	25,835
1930.....	49,063	705	804	-98	5.75	1,715	52	575	74	27,888
1935.....	45,686	631	697	-66	4.94	1,821	22	473	96	22,332
1940.....	44,024	767	808	-41	5.84	2,095	13	522	177	27,749
1945.....	41,792	1,314	1,145	+169	9.44	<sup>6</sup> 4,849	21	954	252	37,912
1950.....	41,464	1,677	2,223	-545	11.14	<sup>6</sup> 5,122	16	862	675	45,064
1955.....	38,316	2,349	2,712	-363	14.33	5,852	31	999	1,136	55,234
1960.....	35,233	3,277	3,874	-597	18.27	5,031	27	1,243	1,701	63,675
1961.....	34,955	3,423	4,249	-826	18.78	4,958	25	1,250	1,829	64,933
1962.....	34,797	3,557	4,332	-775	19.20	4,787	25	1,260	1,930	66,493
1963.....	34,498	3,879	4,699	-820	20.63	4,709	23	1,379	2,111	67,853
1964.....	34,040	4,276	4,928	-652	22.41	4,719	22	1,504	2,357	69,676
1965.....	33,624	4,483	5,276	-793	23.17	4,519	20	1,528	2,532	71,873
1966.....	33,121	4,784	5,727	-943	24.43	4,706	18	1,579	2,715	75,607

NA Not available.

<sup>1</sup> After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Revenues, expenditures, and deficits through 1950 on cash-disbursement basis, i.e., they include payments and receipts in a year applicable to prior years; beginning 1955, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, whether collected or accrued. During fiscal 1954, the Department began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. Revenues include reimbursements from the Treasury General Fund for statutory public services as follows: 1960, \$37.4 million; 1961, \$49.0 million; 1962, \$62.7 million. These and other changes affect comparability of figures from year to year.

<sup>2</sup> Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of certain services rendered to the Post Office Department by other agencies. Beginning 1955, amounts shown represent obligations incurred. Beginning 1963, amount represents accrued expense including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain other agencies without reimbursement by the Department. <sup>3</sup> Based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces abroad.

<sup>4</sup> Estimates. <sup>5</sup> Service not inaugurated. <sup>6</sup> Includes postal notes issued under act of Congress.

Source: Post Office Dept.; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

## No. 719. POSTAL SERVICE REVENUES, BY SOURCE: 1920 TO 1966

[In millions of dollars. For years ending June 30. Includes Puerto Rico and all outlying areas except Canal Zone; see table 723. See text, p. 503]

REVENUE SOURCE	1920	1930	1940	1945	1950	1955	1960	1965	1966
Total <sup>1</sup> .....	437	705	767	1,314	1,677	2,349	3,277	4,483	4,784
Ordinary postal revenue.....	424	686	732	1,247	1,606	2,266	3,189	4,374	4,634
Stamps, postal cards, etc.....	380	575	522	954	862	999	1,243	1,525	1,575
Second-class postage paid in money (pound rates) <sup>2</sup> .....	25	29	23	25	40	64	86	131	143
Other postage paid in money under permit.....	13	74	177	252	678	1,136	1,701	2,532	2,715
Box rents.....	6	9	8	11	14	26	29	34	36
Miscellaneous.....	1	1	3	4	11	41	<sup>3</sup> 130	152	165
Money-order revenues.....	10	17	24	47	63	66	81	59	61
Postal Savings System income.....	2	2	11	21	8	18	7	3	5
Operating reimbursements.....	-	-	-	-	-	-	-	47	84

- Represents zero.

<sup>1</sup> Net revenue after refunds of postage. Beginning 1965, includes operating reimbursements.

<sup>2</sup> Beginning 1955, includes controlled circulation publications.

<sup>3</sup> Includes \$37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958.

Source: Post Office Dept.; *Annual Report of the Postmaster General*.



## No. 720. POSTAL REVENUES AND ACCRUED COSTS: 1965 AND 1966

[In thousands of dollars. For years ending June 30. Includes Puerto Rico and all outlying areas except Canal Zone; see table 723. See also *Historical Statistics, Colonial Times to 1957*, series R 146-160]

MAIL AND SERVICE	1965				1966			
	Revenues	Accrued costs, including public services	Public service losses and costs <sup>1</sup>	Excess of revenues (+) or obligations (-)	Revenues	Accrued costs, including public services	Public service losses and costs <sup>1</sup>	Excess of revenues (+) or obligations (-)
<b>All operations</b> .....	4,483,390	5,275,840	514,107	-278,343	4,784,186	5,726,523	542,855	-399,481
<b>All mails and special services</b> .....	4,438,721	5,110,314	393,251	-278,343	4,702,322	5,518,701	416,897	-399,481
Prepaid domestic mail.....	3,921,864	4,532,092	316,012	-294,217	4,150,048	4,889,816	341,897	-397,872
1st class.....	2,192,790	1,965,589	-	+227,261	2,333,875	2,176,058	-	+157,818
Domestic airmail.....	242,987	197,816	-	+45,171	276,981	221,436	-	+55,545
2d class.....	119,149	499,090	165,026	-214,915	126,338	523,888	176,451	-221,099
Controlled circulation publications.....	15,208	24,805	-	-9,597	18,929	31,572	-	-12,643
3d class.....	649,987	999,031	87,454	-261,591	681,591	1,040,751	94,073	-265,088
4th class (parcel post).....	701,743	845,761	63,532	-80,486	712,334	896,111	71,373	-112,405
Government mail.....	123,674	103,795	354	+20,232	136,131	125,673	395	+10,853
Penalty <sup>2</sup> .....	117,162	97,101	156	+20,217	128,883	117,828	231	+11,287
Franked <sup>3</sup> .....	6,512	6,695	198	+15	7,248	7,846	164	-434
Free for the blind.....	-	2,844	2,844	-	-	2,849	2,849	-
International mail.....	152,041	157,542	300	-5,201	157,604	171,202	300	-13,297
Special services.....	232,280	306,021	73,741	-	249,161	320,618	71,456	-
Registry (paid).....	32,525	47,215	14,690	-	32,736	50,026	17,290	-
Certified mail.....	11,065	14,555	3,490	-	12,584	15,926	3,342	-
Insurance.....	29,137	35,057	5,920	-	33,070	38,318	5,248	-
Collect on delivery.....	13,181	26,251	13,070	-	13,766	26,868	13,101	-
Special delivery.....	34,934	58,760	23,825	-	35,805	65,944	30,138	-
Money orders.....	58,965	71,538	12,574	-	60,968	69,114	8,147	-
Postal savings.....	3,290	2,823	+467	-	4,522	2,715	+1,808	-
Box rent service.....	34,461	29,549	+4,912	-	35,960	31,591	+4,369	-
Stamped envelope service.....	14,722	20,272	5,550	-	19,750	20,117	367	-
Unassignable.....	8,863	8,020	-	+843	9,378	8,543	-	+835
<b>Nonpostal services</b> .....	44,669	66,434	21,764	-	81,864	105,316	23,452	-
Alien address reporting.....	283	283	-	-	280	280	-	-
U.S. savings bonds and stamps.....	803	741	+62	-	709	675	+34	-
Migratory bird stamps.....	115	154	39	-	119	161	41	-
Custodial service (public bldgs.).....	310	16,016	15,706	-	764	16,875	16,111	-
Transportation of military mail.....	42,460	42,460	-	-	79,855	79,855	-	-
Miscellaneous items, other agencies.....	699	6,781	6,082	-	137	7,469	7,333	-
<b>Public service-direct cost</b> .....	-	99,092	99,092	-	-	102,506	102,506	-

- Represents zero.

<sup>1</sup> P.L. 87-793 provides for treatment of losses on specified free and preferred rate mails and services as public service losses; amounts shown are computed public service costs attributable to provisions of this law.

<sup>2</sup> Includes special services, other departments, Government Printing Office mailings of *Congressional Record* and other documents sent at congressional request. <sup>3</sup> Includes registry (official).

Source: Post Office Dept.; *Cost Ascertainment Report*.

## No. 721. PIECES OF MAIL RECEIVED PER CAPITA: 1945 TO 1966

For years ending June 30. Includes Puerto Rico and all outlying areas except Canal Zone; see table 723. Based on estimated total population as of January 1, including Armed Forces abroad]

TYPE OF MAIL	1945	1950	1955	1960	1961	1962	1963	1964	1965	1966
<b>Major domestic mail</b> .....	257	287	324	341	342	345	347	351	357	371
Letters (1st class and airmail).....	166	168	184	193	196	199	199	201	205	216
2d class.....	42	42	41	42	44	44	44	46	46	46
3d class.....	41	69	92	100	97	97	98	98	101	104
4th class.....	8	8	7	6	5	5	6	6	5	5

Source: Post Office Dept. Based on *Annual Report of the Postmaster General and Cost Ascertainment Report*.

## No. 722. POSTAL SERVICE AND ACCRUED COSTS: 1955 TO 1966

[In millions of dollars. For years ending June 30. Includes Puerto Rico and all outlying areas except Canal Zone; see table 723]

OBJECT	1955	1960	1963	1964	1965	1966
<b>Total funded costs</b> <sup>1</sup> .....	<b>2,738</b>	<b>3,920</b>	<b>4,530</b>	<b>4,747</b>	<b>5,085</b>	<b>5,525</b>
Post Office operations.....	2,266	3,170	3,829	4,033	4,375	4,753
Salaries and travel of postmasters and supervisors, etc.....	249	378	456	482	513	547
Salaries and travel of clerks, etc.....	826	1,239	1,630	1,717	1,865	2,070
City delivery service, etc.....	535	814	1,062	1,127	1,236	1,330
Rural delivery service.....	195	253	236	252	263	273
Special delivery service, etc.....	180	101	34	36	40	44
All other.....	281	385	411	419	458	489
Transportation of mails.....	429	535	603	612	602	656
Railroad.....	297	341	355	352	331	317
Star route <sup>2</sup> .....	49	70	77	81	90	104
Domestic water transportation.....	3	4	4	4	5	5
Highway post offices.....	4	6	6	6	6	6
Domestic airmail.....	34	49	67	74	82	96
Foreign airmail.....	27	44	74	74	67	106
Other foreign mail <sup>3</sup> .....	16	21	20	21	21	22
Claims and miscellaneous.....	6	8	10	11	11	12
General administration and overhead apportioned.....	38	207	88	91	97	102
Plant and equipment <sup>4</sup> .....	-	-	-	-	-	2

- Represents zero. <sup>1</sup> Represents appropriation obligations adjusted for direct public service costs and changes in selected resources. Excludes depreciation or other non-fund costs.

<sup>2</sup> Includes short-haul truck route. <sup>3</sup> Includes terminal and transportation charges by foreign countries.

<sup>4</sup> Beginning 1966 certain plant and equipment items expensed when obligated.

Source: Post Office Dept.: *Cost Ascertainment Report* and *Financial Supplement to the Annual Report of the Postmaster General*.

## No. 723. POST OFFICES—STATES AND OTHER AREAS: 1960, 1965, AND 1966

[For years ending June 30. Represents independent post offices; excludes branches and stations]

STATE OR OTHER AREA	1960	1965	1966	STATE OR OTHER AREA	1960	1965	1966
<b>Total</b> .....	<b>35,238</b>	<b>33,624</b>	<b>33,121</b>	<b>South Atlantic—Con.</b>			
<b>United States</b> .....	<b>35,118</b>	<b>33,507</b>	<b>33,004</b>	South Carolina.....	435	423	418
<b>New England</b> .....	<b>2,068</b>	<b>1,952</b>	<b>1,925</b>	Georgia.....	714	696	687
Maine.....	599	561	554	Florida.....	514	490	486
New Hampshire.....	297	273	266	<b>East South Central</b> .....	<b>3,575</b>	<b>3,345</b>	<b>3,286</b>
Vermont.....	323	310	307	Kentucky.....	1,643	1,489	1,448
Massachusetts.....	519	488	480	Tennessee.....	651	630	623
Rhode Island.....	62	60	59	Alabama.....	738	711	703
Connecticut.....	268	260	259	Mississippi.....	543	515	512
<b>Middle Atlantic</b> .....	<b>4,394</b>	<b>4,227</b>	<b>4,165</b>	<b>West South Central</b> .....	<b>3,797</b>	<b>3,676</b>	<b>3,618</b>
New York.....	1,757	1,710	1,693	Arkansas.....	795	768	751
New Jersey.....	553	544	535	Louisiana.....	593	573	566
Pennsylvania.....	2,084	1,973	1,937	Oklahoma.....	718	691	682
<b>East North Central</b> .....	<b>5,121</b>	<b>4,991</b>	<b>4,955</b>	Texas.....	1,691	1,644	1,619
Ohio.....	1,169	1,123	1,116	<b>Mountain</b> .....	<b>2,480</b>	<b>2,330</b>	<b>2,274</b>
Indiana.....	823	798	792	Montana.....	439	410	405
Illinois.....	1,365	1,342	1,332	Idaho.....	321	298	289
Michigan.....	933	908	902	Wyoming.....	222	201	195
Wisconsin.....	831	820	813	Colorado.....	475	456	447
<b>West North Central</b> .....	<b>5,525</b>	<b>5,337</b>	<b>5,257</b>	New Mexico.....	404	379	367
Minnesota.....	943	919	905	Arizona.....	242	228	224
Iowa.....	1,026	1,006	996	Utah.....	266	253	242
Missouri.....	1,142	1,083	1,062	Nevada.....	111	105	105
North Dakota.....	540	521	507	<b>Pacific</b> .....	<b>2,617</b>	<b>2,466</b>	<b>2,426</b>
South Dakota.....	476	453	446	Washington.....	583	557	530
Nebraska.....	608	592	587	Oregon.....	431	392	384
Kansas.....	790	763	754	California.....	1,305	1,240	1,224
<b>South Atlantic</b> .....	<b>5,541</b>	<b>5,183</b>	<b>5,098</b>	Alaska.....	215	217	208
Delaware.....	61	60	60	Hawaii.....	83	80	80
Maryland.....	486	464	458	<b>Other</b> .....	<b>120</b>	<b>117</b>	<b>117</b>
Dist. of Columbia.....	1	1	1	Puerto Rico.....	105	102	102
Virginia.....	1,228	1,059	1,032	Virgin Islands.....	5	5	5
West Virginia.....	1,267	1,173	1,145	Other areas <sup>1</sup> .....	10	10	10
North Carolina.....	835	817	811				

<sup>1</sup> Comprises Guam, Samoa (Tutuila), Wake, Caroline, Mariana, and Marshall Islands.

Source: Post Office Dept.: *Annual Report of the Postmaster General*.

## No. 724. POST OFFICE MAIL, BY CLASSES: 1950 TO 1966

[For years ending June 30. Includes Puerto Rico and all outlying areas except Canal Zone; see table 723. See also *Historical Statistics, Colonial Times to 1957*, series R 145-160]

CLASS OF MAIL	1950	1955	1960	1963	1964	1965	1966
PIECES OF MAIL <sup>1</sup> (millions)							
<b>All mail</b> .....	45,064	55,234	63,675	67,853	69,677	71,873	75,607
<b>Domestic</b> .....	44,646	54,722	63,115	67,314	69,117	71,294	75,037
1st class.....	24,500	28,713	33,235	35,833	36,943	38,068	40,422
Airmail.....	853	1,467	1,356	1,545	1,505	1,629	1,828
2d class.....	6,265	6,740	7,535	8,227	8,559	8,600	8,634
3d class.....	<sup>2</sup> 10,343	15,050	17,910	18,407	18,599	19,454	20,305
4th class (parcel post).....	<sup>2</sup> 1,179	1,136	1,016	1,076	1,066	1,045	1,066
Controlled circulation publications.....	( <sup>2</sup> )	85	125	196	251	281	347
Penalty.....	1,472	1,480	1,826	1,927	2,067	2,088	2,228
Franked.....	32	48	109	95	120	122	198
Free for blind.....	2	3	5	7	8	7	9
<b>International</b> .....	417	512	560	538	560	579	570
Regular mail <sup>3</sup> .....	190	235	212	203	215	213	197
Parcel post.....	21	8	9	8	8	9	8
Publishers' 2d class.....	85	110	145	96	98	97	92
Airmail <sup>3</sup> .....	121	157	193	231	237	259	271
Air parcel post.....	1	1	1	2	2	2	2
WEIGHT OF MAIL (mil. lb.)							
<b>All mail</b> .....	11,521	10,844	11,689	11,868	12,202	12,330	12,694
<b>Domestic</b> .....	11,176	10,668	11,500	11,710	12,035	12,152	12,515
1st class.....	620	804	956	1,082	1,130	1,200	1,290
Airmail.....	53	85	103	128	137	155	182
2d class.....	2,287	2,582	2,883	2,910	3,031	3,133	3,225
3d class.....	<sup>2</sup> 646	892	1,277	1,527	1,601	1,705	1,812
4th class (parcel post).....	<sup>2</sup> 7,370	6,035	5,879	5,563	5,623	5,425	5,389
Controlled circulation publications.....	( <sup>2</sup> )	44	63	83	97	114	140
Penalty.....	183	201	305	376	376	383	433
Franked.....	5	5	9	7	7	8	12
Free for blind.....	12	20	26	35	35	30	32
<b>International</b> .....	345	177	189	158	168	178	179
Regular mail <sup>3</sup> .....	25	33	36	38	42	42	42
Parcel post.....	272	82	77	61	62	69	65
Publishers' 2d class.....	43	54	66	45	47	49	52
Airmail <sup>3</sup> .....	4	6	7	10	12	13	15
Air parcel post.....	1	1	3	4	4	5	5

<sup>1</sup> Estimated.

<sup>2</sup> Publications included with 3d and 4th class.

<sup>3</sup> Comprises letters, cards, and other articles.

Source: Post Office Dept.; *Cost Ascertainment Report*.

## No. 725. POST OFFICE EMPLOYEES, BY TYPE: 1950 TO 1966

[As of June 30, Includes Puerto Rico and all outlying areas except Canal Zone; see table 723. See *Historical Statistics, Colonial Times to 1957*, series R 161, for total employees]

TYPE OF EMPLOYEE	1950	1955	1960	1963	1964	1965	1966
<b>Total</b> .....	500,578	511,613	562,868	587,161	585,313	595,512	675,423
Substitute.....	136,804	144,712	153,881	150,031	144,554	148,118	200,977
Regular.....	363,774	366,901	408,987	437,130	440,759	447,394	474,446
Departmental.....	1,775	1,530	1,481	1,665	1,687	1,849	1,814
Field.....	361,999	365,371	407,506	435,465	439,072	445,545	472,632
Regional and other field units reporting to Headquarters <sup>1</sup> .....	-	2,599	6,491	6,075	5,933	5,505	5,494
Inspection service.....	1,172	1,313	1,483	1,506	1,557	1,565	1,609
Postmasters.....	<sup>2</sup> 45,004	<sup>2</sup> 42,233	35,165	34,335	33,869	33,304	32,688
Post office supervisors and technical personnel.....	( <sup>3</sup> )	( <sup>3</sup> )	27,070	28,909	29,360	29,863	30,192
Post office clerks and mail handlers <sup>4</sup> .....	169,148	174,920	171,914	184,311	185,044	188,460	209,843
City carriers <sup>5</sup> .....	90,216	91,418	109,749	126,602	129,336	132,522	137,814
Rural carriers.....	32,553	32,022	31,296	31,131	31,098	30,981	30,871
Special delivery messengers.....	2,004	2,086	2,282	2,422	2,415	2,438	2,522
Vehicle service.....	4,699	5,081	7,087	3,599	3,613	3,673	3,769
Maintenance service.....	17,203	13,699	14,969	16,575	16,847	17,234	17,830

- Represents zero. <sup>1</sup> Includes money order center and supply center personnel.

<sup>2</sup> Includes assistant postmasters: 3,540 in 1950, and 3,917 in 1955. <sup>3</sup> Included in club-mail handler totals.

<sup>4</sup> Includes mobile unit employees. <sup>5</sup> Beginning 1963, vehicle drivers included with city carriers.

Source: Post Office Dept.; *Annual Report of the Postmaster General*.



## No. 726. TELEPHONES, CALLS, AND RATES: 1940 TO 1966

[See also *Historical Statistics, Colonial Times to 1957*, series R 1-13]

ITEM	1940	1950	1960	1962	1963	1964	1965	1966
<b>Telephones (Dec. 31)-----1,000--</b>	<b>21,976</b>	<b>43,131</b>	<b>74,342</b>	<b>80,969</b>	<b>84,453</b>	<b>88,793</b>	<b>93,656</b>	<b>98,783</b>
Total per 1,000 population-----	164.9	280.8	407.7	430.3	442.7	458.9	478.2	501.3
Bell companies <sup>1</sup> -----1,000--	18,311	36,795	62,989	68,393	71,152	74,659	78,632	82,813
Dial operated <sup>1</sup> -----1,000--	10,915	27,893	61,144	67,490	70,586	74,303	78,439	82,744
Independent companies-----1,000--	3,665	6,336	11,353	12,576	13,301	14,134	15,024	15,970
<b>Average daily conversations</b> <b>(1,000):</b>								
Bell companies <sup>1 2</sup> -----	82,367	144,999	225,385	249,106	258,066	269,300	287,400	303,400
Local <sup>1</sup> -----	79,515	138,881	215,317	237,942	246,282	256,500	273,400	288,000
Long distance <sup>1 2</sup> -----	2,852	6,118	10,068	11,164	11,784	12,800	14,000	15,400
Independent companies <sup>2</sup> -----	17,252	31,159	60,001	67,400	70,800	75,900	80,400	84,800
Local-----	16,738	29,927	58,005	65,158	68,400	73,200	77,400	81,500
Long distance <sup>2</sup> -----	514	1,232	1,996	2,242	2,400	2,700	3,000	3,300
<b>Toll rates in effect (Dec. 31), from</b> <b>New York City to: <sup>3</sup></b>								
Philadelphia-----	\$0.45	\$0.45	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50
Chicago-----	1.90	1.55	1.45	1.45	1.45	1.45	1.40	1.40
Denver-----	3.25	2.20	1.80	1.80	1.80	1.80	1.70	1.70
San Francisco-----	4.00	2.50	2.25	2.25	2.25	2.25	2.00	2.00

<sup>1</sup> Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, which constitute the Bell Telephone System, plus Southern New England and Cincinnati and Suburban Bell Telephone Companies, together with telephones serviced by these companies.

<sup>2</sup> Includes messages originating in independent company areas routed in part over Bell facilities.

<sup>3</sup> Source: Federal Communications Commission. Represents rate for station-to-station, daytime, 3-minute call.

Source: American Telephone and Telegraph Company, New York, N.Y., except as noted; compiled from reports of Bell System, Southern New England and Cincinnati and Suburban Companies, and unpublished data.

## No. 727. BELL TELEPHONE COMPANIES—SUMMARY: 1940 TO 1966

[Money figures in millions of dollars. As of December 31 or calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, which constitute the Bell Telephone System, plus Southern New England and Cincinnati and Suburban Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1957*, series R 14-27]

ITEM	1940	1950	1960	1962	1963	1964	1965	1966
Central offices, number <sup>1</sup> -----	7,189	8,656	11,212	11,683	12,445	13,107	13,425	13,687
Miles of wire <sup>2</sup> -----1,000--	91,274	144,256	307,876	346,697	368,594	394,360	422,623	453,521
Percent total wire mileage in cable-----	95.8	96.6	97.8	98.0	98.1	98.3	98.5	98.7
Miles of coaxial tube-----	-	62,741	96,783	107,748	135,111	155,091	168,980	196,872
Miles of microwave radio relay, broad band 1-way channel-----	-	7,517	298,091	422,314	514,220	607,182	727,958	893,111
Book value of plant (cost)-----	4,887	10,375	24,722	28,657	30,854	33,385	36,229	39,317
Depreciation and amortization reserves-----	1,397	2,905	5,402	6,126	6,584	7,158	7,794	8,551
Operating revenues-----	1,206	3,342	8,111	9,195	9,796	10,549	11,320	12,419
Local exchange-----	811	1,997	4,665	5,219	5,528	5,779	6,114	6,517
Toll-----	361	1,208	3,058	3,544	3,814	4,291	4,706	5,378
Operating expenses <sup>3</sup> -----	913	2,653	5,586	6,273	6,648	7,233	7,857	8,578
Net income-----	226	370	1,279	1,461	1,557	1,744	1,887	2,076
Dividends declared <sup>4</sup> -----	180	263	770	917	934	1,085	1,144	1,250
Employees, number-----	282,224	534,751	594,860	578,403	585,941	604,577	627,278	666,982
Wages and salaries-----	522	1,742	3,283	3,513	3,660	3,890	4,169	4,517

- Represents zero.

<sup>1</sup> Beginning 1963, data on revised basis, not fully comparable with prior years.

<sup>2</sup> Excludes drop and block wire.

<sup>3</sup> Includes operating taxes other than Federal income.

<sup>4</sup> Includes dividends on all minority holdings of preferred and common stocks, but excludes intercompany dividends.

Source: American Telephone and Telegraph Company, New York, N.Y.; compiled from reports of Bell System, Southern New England and Cincinnati and Suburban Companies, and unpublished data.

## No. 728. INDEPENDENT TELEPHONE COMPANIES—SUMMARY: 1940 TO 1965

[Money figures in millions of dollars. As of December 31 or calendar year, as applicable. Includes Puerto Rico. Covers only those companies submitting operating information to the U.S. Independent Telephone Association. Companies reporting in 1965 represented 90 percent of the Independent telephones in service. See also *Historical Statistics, Colonial Times to 1957*, series R 28-42]

ITEM	1940	1950	1955	1960	1962	1963	1964	1965
All companies, number.....	6,400	5,500	4,700	3,300	2,800	2,700	2,500	2,400
Reporting companies, number.....	218	379	406	550	601	613	663	669
Number of telephones (incl. service tele- phones).....1,000.....	2,194	4,922	6,750	9,718	11,125	11,868	12,800	13,648
Miles of wire <sup>1</sup> .....1,000.....	(NA)	9,176	15,201	28,594	35,017	40,005	46,049	(NA)
Telephone plant in service, book value.....	375	878	1,656	3,396	4,335	4,847	5,452	6,056
Depreciation reserves.....	85	203	326	600	793	911	1,039	1,168
Operating revenues <sup>2</sup> .....	81	270	503	906	1,120	1,248	1,386	1,530
Local exchange.....	60	171	329	585	710	778	849	917
Toll.....	19	92	155	289	372	429	492	561
Operating expenses <sup>3</sup> .....	61	211	354	630	755	835	934	1,040
Net income.....	13	29	67	117	157	177	201	225
Dividends declared.....	(NA)	(NA)	43	81	103	113	126	138
Employees.....1,000.....	(NA)	63	72	85	86	90	95	101
Wages and salaries.....	(NA)	147	224	359	404	440	485	537

NA Not available.

<sup>1</sup> Miles of open wire and miles of wire in aerial, underground, and other cable.

<sup>2</sup> Revenues for the total Independent industry (U.S. and Puerto Rico) including estimates for nonreporting companies, amounted to \$1,020 million in 1960, \$1,254 million in 1962, \$1,376 million in 1963, \$1,519 million in 1964, and \$1,670 million in 1965.

<sup>3</sup> Excludes Federal income taxes.

Source: United States Independent Telephone Association, Washington, D.C.; annual report, *Statistics of the Independent Telephone Industry*. (Copyright).

## No. 729. TELEPHONE SYSTEMS—SUMMARY: 1940 TO 1965

[In millions of dollars, except as indicated. Includes Puerto Rico and, beginning 1963, Virgin Islands. Excludes intercompany duplications. Covers telephone carriers filing annual reports with FCC. Revisions in the Commission's rules regarding reporting requirements in 1951 and 1965 resulted in a smaller number of reporting carriers; comparability of data relatively unaffected by change in coverage. Gross operating revenues of carriers (excluding intercompany duplications of Bell System) reporting in 1965 represented approximately 91 percent of revenues of all telephone carriers as estimated by U.S. Independent Telephone Association]

ITEM	1940	1945	1950	1955	1960	1963	1964	1965
Carriers.....number.....	78	76	71	53	52	60	60	54
Telephones <sup>1</sup> .....1,000.....	19,336	24,814	38,525	49,753	65,735	74,547	78,260	82,424
Miles of wire.....1,000.....	93,688	104,388	147,380	204,879	315,541	379,211	406,440	435,962
Capital investment:								
Book cost of plant.....	5,071	6,057	10,702	16,224	25,714	32,290	34,960	37,967
Depreciation and amortization reserves.....	1,438	2,167	2,979	4,098	5,577	6,839	7,443	8,105
Ratio to book cost.....percent.....	28.35	35.77	27.84	25.26	21.69	21.18	21.29	21.35
Capital stock.....	2,112	2,246	3,195	5,967	8,383	9,266	9,813	10,036
Funded debt.....	1,214	1,389	3,779	4,612	7,720	9,275	9,448	9,874
Earned surplus.....	359	358	446	992	2,625	4,092	4,697	5,355
Dividends declared.....	185	193	270	498	796	971	1,126	1,191
Income and expenses:								
Operating revenues <sup>2</sup> .....	1,243	2,037	3,445	5,562	8,365	10,158	10,949	11,762
Local service revenues.....	839	1,108	2,058	3,253	4,823	5,742	6,011	6,364
Toll service revenues.....	370	867	1,245	2,049	3,148	3,952	4,447	4,886
Operating expenses.....	812	1,342	2,464	3,704	5,024	5,955	6,503	7,082
Operating ratio <sup>3</sup> .....percent.....	65.33	65.89	71.52	66.60	60.07	58.63	59.39	60.21
Net operating income <sup>4</sup> .....	237	274	455	764	1,399	1,830	1,926	2,094
Net income.....	221	191	372	694	1,250	1,538	1,727	1,862
Employees <sup>5</sup> .....1,000.....	305	398	565	649	627	611	631	655
Compensation of employees.....	537	936	1,798	2,693	3,384	3,784	4,023	4,317
Annual average.....dollars.....	1,763	2,350	3,182	4,149	5,398	6,194	6,376	6,591

<sup>1</sup> Includes company, service, and private line telephones.

<sup>2</sup> Includes miscellaneous revenues not shown separately.

<sup>3</sup> Ratio of operating expenses, excluding taxes, to operating revenues.

<sup>4</sup> After tax deductions.

<sup>5</sup> For 1940, and beginning 1963, as of Dec. 31; 1945 to 1960 as of Oct. 31.

Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers*.

## No. 730. TELEPHONES IN USE, BY STATES: 1965

[As of December 31]

STATE	TELEPHONES (1,000)					Tele- phones per 100 popula- tion	Hous- holds with tele- phone service <sup>1</sup> (percent)	Bell com- panies calls <sup>2</sup> (mil.)
	Total	Ownership		Type of service				
		Bell companies	All other	Busi- ness	Resi- dence			
United States .....	93, 659	78, 633	15, 026	26, 008	67, 651	48. 07	85	125, 006
Alabama .....	1, 197	1, 024	173	321	876	34. 39	70	2, 080
Alaska .....	64	-	64	28	36	26. 89	(NA)	-
Arizona .....	645	629	16	213	432	39. 47	70	1, 030
Arkansas .....	620	457	163	168	452	31. 45	63	816
California .....	10, 596	8, 464	2, 132	3, 132	7, 464	56. 18	89	13, 862
Colorado .....	1, 023	1, 006	17	313	710	51. 66	86	1, 541
Connecticut .....	1, 622	1, 617	5	431	1, 191	56. 76	94	2, 171
Delaware .....	281	281	-	78	203	55. 22	89	356
District of Columbia .....	757	757	-	365	392	94. 21	91	1, 191
Florida .....	2, 796	1, 901	895	882	1, 914	47. 60	79	3, 398
Georgia .....	1, 688	1, 455	233	472	1, 216	38. 46	73	3, 017
Hawaii .....	323	-	323	105	218	48. 79	(NA)	-
Idaho .....	277	219	58	77	200	39. 96	79	355
Illinois .....	5, 823	4, 900	923	1, 624	4, 199	54. 44	89	6, 538
Indiana .....	2, 263	1, 463	800	561	1, 702	46. 13	88	2, 448
Iowa .....	1, 328	914	414	284	1, 044	48. 10	95	1, 315
Kansas .....	1, 040	858	182	254	786	46. 49	87	1, 294
Kentucky .....	1, 078	797	281	272	806	33. 84	70	1, 514
Louisiana .....	1, 353	1, 284	69	347	1, 006	38. 04	76	2, 933
Maine .....	389	354	35	101	288	39. 14	82	480
Maryland .....	1, 805	1, 803	2	484	1, 321	50. 71	90	2, 512
Massachusetts .....	2, 871	2, 869	2	821	2, 050	53. 56	95	4, 352
Michigan .....	4, 065	3, 642	423	1, 020	3, 045	49. 27	93	6, 061
Minnesota .....	1, 730	1, 405	325	423	1, 307	48. 52	94	2, 295
Mississippi .....	620	593	27	159	461	26. 63	56	1, 161
Missouri .....	2, 178	1, 814	364	584	1, 594	48. 29	85	3, 007
Montana .....	297	249	48	81	216	41. 92	80	370
Nebraska .....	711	409	302	185	526	43. 08	88	645
Nevada .....	224	92	132	93	131	49. 62	69	130
New Hampshire .....	296	281	15	75	221	43. 89	88	359
New Jersey .....	3, 750	3, 691	59	958	2, 792	54. 94	91	4, 823
New Mexico .....	394	340	54	141	253	37. 98	68	550
New York .....	10, 492	9, 722	770	3, 200	7, 292	57. 79	91	14, 522
North Carolina .....	1, 625	883	742	437	1, 188	32. 90	69	1, 644
North Dakota .....	263	182	81	69	194	40. 26	86	274
Ohio .....	5, 005	3, 906	1, 099	1, 246	3, 759	48. 64	90	6, 234
Oklahoma .....	1, 122	993	129	323	799	45. 06	79	1, 714
Oregon .....	920	729	191	258	662	48. 21	87	1, 164
Pennsylvania .....	6, 033	5, 049	984	1, 473	4, 560	52. 31	90	6, 507
Rhode Island .....	432	432	-	115	317	48. 28	90	657
South Carolina .....	796	596	200	212	584	31. 19	68	1, 141
South Dakota .....	278	225	53	67	211	39. 49	82	371
Tennessee .....	1, 436	1, 219	217	369	1, 067	37. 14	75	2, 699
Texas .....	4, 556	3, 803	753	1, 364	3, 192	42. 90	75	7, 196
Utah .....	468	451	17	135	333	47. 06	89	847
Vermont .....	169	148	21	47	122	42. 77	89	189
Virginia .....	1, 788	1, 437	351	514	1, 274	39. 78	77	2, 311
Washington .....	1, 494	1, 186	308	420	1, 074	49. 88	89	1, 874
West Virginia .....	626	550	76	151	475	34. 66	74	934
Wisconsin .....	1, 890	1, 402	488	506	1, 384	45. 43	91	1, 917
Wyoming .....	162	152	10	50	112	47. 71	79	207

- Represents zero. NA Not available.

<sup>1</sup> Households with service are the sum of residence main, apartment house PBX and residence service main telephones, and other residence PBX systems. There tends to be a slight overstatement of the proportion of households with telephone service.<sup>2</sup> Represents the number of completed local calls and completed and uncompleted toll calls originating from company and service telephones of the Bell companies.Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers*, and unpublished data. Data from American Telephone and Telegraph Company.





### NO. 733. RURAL ELECTRIFICATION ADMINISTRATION—TELEPHONE PROGRAM, SUMMARY OF OPERATIONS: 1950 TO 1966

[Cumulative data cover period from program authorization, October 28, 1949, to December 31 of years shown]

ITEM	1950	1955	1960	1964	1965	1966
Loans approved, cumulative, Dec. 31: <sup>1</sup>						
Borrowers.....	61	415	727	841	845	860
Amount.....mil. dol.....	19	274	737	1,126	1,200	1,296
Route miles of line provided for, cumulative, Dec. 31.....1,000.....	21	179	378	502	515	523
Subscribers provided for, cumulative, Dec. 31.....1,000.....	75	607	1,467	2,011	2,066	2,139
To receive initial service.....1,000.....	45	311	673	1,027	1,072	1,127
To receive improved service.....1,000.....	29	296	794	984	994	1,012
Borrowers' operations:						
Borrowers reporting, Dec. 31.....	(NA)	285	695	804	816	<sup>2</sup> 820
Total subscribers served, Dec. 31.....1,000.....	(NA)	284	1,142	1,627	1,726	<sup>2</sup> 1,826
Receiving initial service <sup>3</sup> .....1,000.....	(NA)	(NA)	404	685	759	<sup>2</sup> 834
Dial subscribers served, Dec. 31.....1,000.....	(NA)	(NA)	1,023	1,617	1,716	<sup>2</sup> 1,819
Receiving initial service <sup>4</sup> .....1,000.....	(NA)	(NA)	869	1,395	1,479	<sup>2</sup> 1,572
Telephones in service, Dec. 31.....1,000.....	(NA)	304	1,280	1,900	2,046	<sup>2</sup> 2,185
Total operating revenues during year.....mil. dol.....	(NA)	16	94	169	187	<sup>2</sup> 215
Total telephone plant.....mil. dol.....	(NA)	(NA)	635	1,057	1,168	<sup>2</sup> 1,277
Employees.....	(NA)	(NA)	9,672	11,075	11,567	<sup>2</sup> 12,000

NA Not available. <sup>1</sup> Net loans (recisions deducted). <sup>2</sup> Preliminary.

<sup>3</sup> Subscribers receiving telephone service for first time as result of REA Rural Telephone Program.

<sup>4</sup> Subscribers receiving dial telephone service for first time as a result of REA Rural Telephone Program. Includes subscribers who previously had manual service.

Source: Dept. of Agriculture, Rural Electrification Administration; *Annual Statistical Report—Rural Telephone Borrowers*.

### NO. 734. DOMESTIC AND OVERSEAS TELEGRAPH CARRIERS—SUMMARY: 1940 TO 1965

[Money figures in thousands of dollars. Figures cover principal carriers filing annual reports with Federal Communications Commission. See also *Historical Statistics, Colonial Times to 1957*, series R 53-65 and R 72-85]

ITEM	1940	1950	1960	1963	1964	1965
DOMESTIC TELEGRAPH						
Number of carriers.....	2	1	1	1	1	1
Revenue messages transmitted <sup>1 2</sup> .....1,000.....	191,645	178,904	124,319	104,220	97,448	94,302
Message revenues.....	97,906	152,248	189,789	176,654	176,315	174,263
Total operating revenues.....	114,587	177,994	262,365	286,822	299,410	305,615
Operating revenue deductions <sup>3</sup> .....	110,856	167,280	246,768	266,660	278,324	281,835
Operating income <sup>4</sup> .....	3,731	8,664	11,247	19,162	22,286	23,780
Miles of wire in cable.....1,000.....	449	369	417	412	411	410
Miles of aerial wire.....1,000.....	1,820	929	647	598	572	554
Number of employees <sup>5</sup> .....	59,670	40,482	32,655	28,015	26,607	26,179
Total compensation.....	74,736	116,937	164,524	160,650	161,129	164,793
Teletypewriter exchange service messages (TWX), Bell companies.....1,000.....	6,568	14,759	33,340	41,713	45,261	46,828
TELEGRAPH OVERSEAS <sup>6</sup>						
Number of carriers.....	13	11	9	10	8	6
Revenue messages transmitted <sup>2</sup> .....1,000.....	16,619	22,578	28,278	29,390	31,504	28,830
Message revenues.....	29,270	42,470	62,986	61,978	64,410	57,029
Total operating revenues.....	32,087	50,333	86,976	97,822	107,560	106,697
Operating revenue deductions <sup>3</sup> .....	27,035	45,226	76,885	85,102	91,109	87,375
Operating income <sup>4</sup> .....	3,693	3,804	5,580	9,108	11,097	13,874
Miles (nautical) of ocean cable.....1,000.....	95	88	71	42	38	8
Miles of wire in non-ocean cable.....1,000.....	8	6	14	6	2	—
Miles of aerial wire.....1,000.....	8	7	6	6	6	—
Number of employees <sup>5</sup> .....	8,083	10,759	11,011	9,968	9,041	7,581
Total compensation.....	12,809	30,240	47,636	51,905	53,131	50,532

— Represents zero.

<sup>1</sup> Beginning 1950, press messages included on unequated basis; equated basis for 1940.

<sup>2</sup> Principally as estimated by reporting carriers on basis of actual counts for test periods.

<sup>3</sup> Includes depreciation and operating taxes.

<sup>4</sup> After recorded provision for Federal income taxes including those on noncommunications activities.

<sup>5</sup> 1940, end of December; thereafter, end of October.

<sup>6</sup> Beginning 1965, excludes data for South American and most Caribbean operations of All America Cables and Radio, Inc.

Source: Federal Communications Commission; annual report, *Statistics of Communications Common Carriers* (prior to 1957 titled *Statistics of the Communications Industry in the United States*).



No. 735. COMMUNICATIONS RATES BETWEEN SELECTED CITIES: 1919 TO 1967

[See also *Historical Statistics, Colonial Times to 1957*, series R 68-71 and R 86-89]

EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—				EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—			
	Phila- delphia	Chicago	Denver	San Fran- cisco		London	Cairo	Tokyo	Bucnos Aires
TELEGRAPH RATES <sup>1</sup>					INTERNATIONAL CABLE AND RADIO- TELEGRAPH RATES <sup>4</sup>				
1919, Apr. 1.....	\$0.30	\$0.60	\$0.90	\$1.20	1940.....	\$0.20	\$0.42	\$0.72	\$0.42
1946, Dec. 29.....	.36	.72	1.08	1.44	1945, May 1.....	.20	.42	.24	.20
1950, Feb. 1.....	.40	.75	1.25	1.45	1948, Apr. 28.....	.25	.30	.30	.28
1954, July 15.....	.85	1.25	1.70	1.70	1949, Feb. 2.....	.25	.40	.40	.35
1956, Aug. 26.....	.95	1.30	1.75	1.75	1950, July 1.....	.19	.30	.30	.27
1958, Aug. 1.....	1.05	1.40	1.85	1.85	1958, Aug. 1.....	.21	.34	.34	.31
1960, Oct. 17.....	1.10	1.45	1.90	1.90	1966, Apr. 12.....	.23	.34	.34	.31
1963, July 10.....	1.20	1.60	2.10	2.10	In effect Jan. 1, 1967..	.23	.34	.34	.31
1966, Jan. 1.....	1.24	1.65	2.16	2.16					
In effect Jan. 1, 1967..	1.24	1.65	2.16	2.16					
TELETYPEWRITER EXCHANGE SERVICE (TWX) RATES <sup>2</sup>					INTERNATIONAL TELEPHONE RATES <sup>5</sup>				
1931, Nov. 21 <sup>3</sup> .....	.35	1.10	1.80	2.40	1940.....	21.00	30.00	19.50	15.00
1946, Feb. 1.....	.35	1.05	1.55	1.75	1944.....	21.00	30.00	19.50	12.00
1953, July 1.....	.45	1.20	1.65	1.75	1945.....	12.00	30.00	19.50	12.00
1960, Feb. 7.....	.45	1.15	1.65	1.75	1946.....	12.00	12.00	12.00	12.00
1966, Sept. 1.....	.25	.45	.55	.60	In effect Jan. 1, 1967..	12.00	12.00	12.00	12.00
In effect Jan. 1, 1967..	.25	.45	.55	.60					

<sup>1</sup> Beginning Sept. 1, 1951, minimum charge for 15 text words or less; prior to that, for 10 text words or less.  
<sup>2</sup> Prior to September 1966, telephone company rates for 3 minutes or less, 2-way; thereafter, for each minute or fraction thereof. Since 1959, the telegraph company has offered similar service called "Telex" with a different rate structure.  
<sup>3</sup> Beginning of service.  
<sup>4</sup> Per plain language telegraph-word including address and signature.  
<sup>5</sup> For person-to-person, 3-minute call. Station-to-station service available to Tokyo beginning June 18, 1964, with a 3-minute initial period rate of \$9.00.

Source: Federal Communications Commission; unpublished data.

No. 736. BROADCAST AND OTHER STATIONS AUTHORIZED AND OPERATORS LICENSED, BY CLASS: 1960 AND 1966

[As of June 30. Includes Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series R 90-94 and R 120-126]

CLASS	1960	1966	CLASS	1960	1966
<b>Safety and special radio services <sup>1</sup></b>			<b>Broadcast services <sup>2</sup></b>		
Amateur and disaster.....	651,993	1,617,684	Commercial AM.....	11,179	20,125
Citizens.....	228,206	285,600	Commercial TV.....	3,581	4,153
Aviation.....	126,034	865,414	Educational TV.....	653	735
Aircraft.....	91,180	105,133	TV translator.....	64	144
Aeronautical and fixed.....	72,017	83,208	Auxiliary TV.....	302	2,177
Civil air patrol.....	3,942	5,247	Experimental TV.....	1,093	1,847
Other.....	14,432	15,220		24	21
	789	1,458	Commercial FM.....	912	1,744
Industrial.....	64,804	152,315	Educational FM.....	181	302
Power.....	12,427	16,013	International.....	5	3
Business.....	19,161	85,716	Remote pickup.....	4,279	8,587
Petroleum.....	8,591	10,494	Studio transmitter link.....	65	184
Forest products.....	1,876	3,002	Instructional TV fixed.....	-	53
Special industrial.....	21,901	33,216	Other.....	20	175
Other.....	848	3,874	<b>Common carrier services</b>		
Land transportation.....	11,452	16,914	Experimental.....	4,386	10,241
Railroad.....	3,065	5,999	Point to point microwave.....	-	-
Taxicab.....	4,935	4,798	Local TV transmission.....	2,379	5,058
Interurban property.....	1,861	2,821	Rural radio.....	77	73
Other.....	1,591	3,296	Developmental.....	473	692
Marine.....	97,411	137,469	Domestic public land mobile <sup>1</sup> .....	51	112
Ship.....	95,626	134,958	Fixed public telegraph.....	1,350	4,267
Alaskan.....	1,240	1,661	Fixed public teleg-tel.....	-	9
Coastal and other.....	545	850	International control-fixed.....	-	8
Public safety.....	32,906	54,839	Fixed public telephone.....	12	8
Police.....	14,039	18,345	Fixed public telegraph.....	44	11
Fire.....	5,935	10,644	Satellite earth stations.....	-	3
Forestry conservation.....	3,667	4,609	<b>Experimental services, miscellaneous</b>		
Highway maintenance.....	3,582	6,130	Experimental.....	728	928
Special emergency.....	3,994	6,646	Radio operators.....	2,154,402	3,088,110
Other.....	1,689	8,465	Commercial operators.....	1,947,368	2,830,508
			Amateur operators.....	207,034	257,602

- Represents zero. NA Not available.  
<sup>1</sup> Each license, construction permit, or combination construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units.  
<sup>2</sup> Stations licensed or holding construction permits.  
Source: Federal Communications Commission; *Annual Report*, and unpublished data.



**No. 737. COMMERCIAL BROADCAST STATIONS AUTHORIZED AND ON THE AIR:  
1945 TO 1967**

[As of January 1. Includes Puerto Rico, Virgin Islands, and beginning 1956, Guam. Figures differ from those shown in table 738 because of different tabulations. See *Historical Statistics, Colonial Times to 1957*, series R 90-94, for number of operating stations]

YEAR	TOTAL		AM RADIO		FM RADIO		TELEVISION	
	Author-ized	On the air	Author-ized	On the air	Author-ized	On the air	Author-ized	On the air
1945.....	969	936	908	884	52	46	9	6
1950.....	3,098	2,881	2,199	2,051	788	733	111	97
1955.....	3,864	3,599	2,740	2,635	559	553	565	411
1956.....	4,044	3,772	2,901	2,790	557	540	586	442
1957.....	4,275	3,975	3,091	2,974	554	530	630	471
1958.....	4,503	4,185	3,256	3,156	590	537	657	492
1959.....	4,762	4,374	3,401	3,287	695	578	666	509
1960.....	4,993	4,611	3,487	3,416	838	678	668	517
1961.....	5,269	4,858	3,627	3,507	1,018	821	624	530
1962.....	5,558	5,158	3,788	3,653	1,128	960	642	545
1963.....	5,749	5,407	3,884	3,770	1,218	1,081	647	556
1964.....	5,898	5,606	3,994	3,897	1,249	1,146	655	563
1965.....	6,169	5,814	4,040	3,972	1,468	1,270	661	572
1966.....	6,474	5,986	4,129	4,004	1,657	1,393	688	589
1967.....	6,797	6,253	4,185	4,085	1,854	1,560	758	608

Source: Federal Communications Commission; annual releases, *AM-FM Broadcast Financial Data*, and *TV Broadcast Financial Data*, and unpublished data.

**No. 738. COMMERCIAL BROADCAST STATIONS ON THE AIR—STATES AND OTHER  
AREAS: JANUARY 1, 1966**

STATE OR OTHER AREA	Total	AM	FM	TV	STATE OR OTHER AREA	Total	AM	FM	TV
<b>Total.....</b>	<b>5,986</b>	<b>4,004</b>	<b>1,393</b>	<b>589</b>	Montana.....	52	40	4	8
<b>United States.....</b>	<b>5,919</b>	<b>3,962</b>	<b>1,379</b>	<b>578</b>	Nebraska.....	70	44	12	14
Alabama.....	171	125	31	15	Nevada.....	27	18	4	5
Alaska.....	22	15	2	5	New Hampshire.....	33	23	9	1
Arizona.....	74	55	10	9	New Jersey.....	56	31	22	3
Arkansas.....	101	77	18	6	New Mexico.....	68	52	10	6
California.....	380	223	121	36	New York.....	243	150	68	25
Colorado.....	90	64	15	11	North Carolina.....	257	179	63	15
Connecticut.....	57	37	15	5	North Dakota.....	33	22	1	10
Delaware.....	13	10	3	-	Ohio.....	221	109	91	21
Dist. of Columbia.....	17	6	6	5	Oklahoma.....	88	60	18	10
Florida.....	254	184	52	18	Oregon.....	101	78	11	12
Georgia.....	196	157	28	11	Pennsylvania.....	270	163	87	20
Hawaii.....	36	24	2	10	Rhode Island.....	22	15	5	2
Idaho.....	50	40	4	6	South Carolina.....	124	92	22	10
Illinois.....	211	118	72	21	South Dakota.....	37	26	2	9
Indiana.....	148	77	53	18	Tennessee.....	182	128	40	14
Iowa.....	99	69	18	12	Texas.....	405	273	86	46
Kansas.....	87	58	17	12	Utah.....	39	30	6	3
Kentucky.....	134	95	32	7	Vermont.....	18	16	1	1
Louisiana.....	116	86	18	12	Virginia.....	166	115	40	11
Maine.....	48	33	8	7	Washington.....	135	94	28	13
Maryland.....	81	48	29	4	West Virginia.....	80	56	15	9
Massachusetts.....	100	60	30	10	Wisconsin.....	146	88	43	15
Michigan.....	191	116	58	17	Wyoming.....	33	29	1	3
Minnesota.....	102	79	13	10	Puerto Rico.....	59	38	13	8
Mississippi.....	103	86	9	8	Guam.....	2	1	-	1
Missouri.....	132	89	26	17	Virgin Islands.....	6	3	1	2

- Represents zero.

Source: Federal Communications Commission; annual releases, *AM-FM Broadcast Financial Data*, and *TV Broadcast Financial Data*, and unpublished data.

## No. 739. RADIO BROADCAST INDUSTRY FINANCES: 1950 TO 1965

[Money figures in millions of dollars. Includes Puerto Rico and Virgin Islands. Excludes FM (independents). See also headnote, table 741. See *Historical Statistics, Colonial Times to 1957*, series R 103-107, for data including FM (independents)]

ITEM	1950	1955	1960	1962	1963	1964	1965
Number of networks, Dec. 31.....	7	7	4	4	4	4	4
Number of stations, Dec. 31.....	2,143	2,704	3,470	3,772	3,904	3,970	4,004
Broadcast revenues.....	443	452	592	627	670	719	777
4 networks (incl. owned and operated stations) <sup>1</sup> .....	111	78	63	64	69	71	74
Other stations.....	333	374	529	563	601	648	702
Broadcast expenses of networks and stations.....	372	406	544	580	612	645	696
4 networks (incl. owned and operated stations) <sup>1</sup> .....	92	72	66	62	63	67	71
Other stations.....	281	334	478	518	549	579	624
Broadcast income before Federal income tax.....	71	46	48	47	58	73	81
4 networks (incl. owned and operated stations) <sup>1</sup> .....	19	6	-3	2	6	4	3
Other stations.....	52	40	51	45	52	69	78
BROADCAST REVENUES							
Revenues from time sales, net.....	401	411	556	593	635	682	740
Commissions to regularly established agencies, representatives, brokers and others.....	53	46	67	72	77	82	88
Revenues from time sales.....	454	457	623	665	712	764	828
Revenues from network time sales.....	132	64	35	37	42	44	45
Revenues from non-network time sales to:							
National and regional advertisers and sponsors.....	119	120	202	203	220	232	248
Local advertisers and sponsors.....	203	272	385	420	450	488	535
Revenues from incidental broadcast activities.....	42	41	36	33	35	37	37
Talent.....	25	27	23	19	20	21	22
Sundry broadcast revenues.....	17	15	13	14	15	16	16

<sup>1</sup> For 1950 and 1955, 7 networks. Excludes regional networks.

Source: Federal Communications Commission; annual release, *AM-FM Broadcast Financial Data*.

## No. 740. TELEVISION BROADCAST INDUSTRY FINANCES: 1950 TO 1965

[Money figures in millions of dollars. Includes Puerto Rico and Virgin Islands. See also headnote, table 741. See also *Historical Statistics, Colonial Times to 1957*, series R 114-117]

ITEM	1950	1955	1960	1961	1962	1963	1964	1965
Number of networks, Dec. 31.....	4	4	3	3	3	3	3	3
Number of stations, Dec. 31.....	107	437	530	540	554	565	575	588
Broadcast revenues.....	106	745	1,269	1,318	1,486	1,597	1,793	1,965
3 networks (incl. owned and operated stations) <sup>1</sup> .....	56	374	641	675	754	820	929	1,024
Other stations.....	50	371	628	643	732	777	865	941
Broadcast expenses of networks and stations.....	115	595	1,025	1,081	1,175	1,254	1,378	1,517
3 networks (incl. owned and operated stations) <sup>1</sup> .....	66	306	546	588	643	684	772	862
Other stations.....	50	289	479	493	532	570	606	655
Broadcast income before Federal income tax.....	<sup>2</sup> 9	150	244	237	312	343	416	448
3 networks (incl. owned and operated stations) <sup>1</sup> .....	<sup>2</sup> 10	68	95	87	111	136	157	162
Other stations.....	1	82	149	150	200	207	259	286
BROADCAST REVENUES								
Revenues from time sales, net.....	76	572	952	962	1,083	1,158	1,286	1,394
Commissions to regularly established agencies, representatives, brokers and others.....	14	109	195	198	220	236	264	280
Revenues from time sales.....	91	681	1,147	1,160	1,304	1,395	1,550	1,674
Revenues from network time sales.....	35	309	472	480	522	538	563	585
Revenues from non-network time sales to:								
National and regional advertisers and sponsors.....	25	222	459	469	540	601	690	765
Local advertisers and sponsors.....	30	150	216	211	243	256	297	324
Revenues from incidental broadcast activities.....	30	172	317	356	403	439	507	571
Talent and programs.....	15	113	234	287	323	357	422	484
Sundry broadcast revenues.....	14	60	82	70	80	82	85	87

<sup>1</sup> 4 networks prior to Sept. 15, 1955, when DuMont ceased network operations.

<sup>2</sup> Loss.

Source: Federal Communications Commission; annual release, *TV Broadcast Financial Data*.

## No. 741. BROADCAST REVENUES OF ALL NETWORKS AND STATIONS: 1945 TO 1965

[Includes Puerto Rico and Virgin Islands. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent and program material. See also *Historical Statistics, Colonial Times to 1957*, series R 104-105 and R 114-115]

YEAR	TOTAL		AM AND AM-FM		FM (INDEPENDENTS)		TV	
	Stations (Dec. 31)	Revenues (\$1,000)	Stations (Dec. 31)	Revenues <sup>1</sup> (\$1,000)	Stations (Dec. 31)	Revenues (\$1,000)	Stations (Dec. 31)	Revenues <sup>2</sup> (\$1,000)
1945-----	912	299,715	901	299,338	5	39	6	338
1950-----	2,336	550,395	2,143	443,058	86	1,422	107	105,915
1955-----	3,179	1,198,066	2,704	452,338	38	1,013	437	744,714
1960-----	4,218	1,866,304	3,470	591,863	218	5,814	530	1,268,627
1963-----	4,691	2,278,300	3,832	669,700	294	11,400	565	1,597,200
1964-----	4,777	2,525,286	3,896	719,186	306	12,800	575	1,793,300
1965-----	4,867	2,757,289	3,941	776,789	338	15,700	588	1,964,800

<sup>1</sup> Covers 4 nationwide networks and, prior to 1960, 3 regional networks.

<sup>2</sup> Covers 4 networks in 1950 and Jan.-Sept. 15, 1955; 3 networks thereafter.

Source: Federal Communications Commission; annual releases, *AM-FM Broadcast Financial Data*, and *TV Broadcast Financial Data*.

## No. 742. PERCENT OF HOUSEHOLDS WITH TELEVISION SETS: 1955 TO 1966

[For composition of regions, see figure I, p. xii; for definition of standard metropolitan statistical areas (SMSA's), see text, p. 2. See *Historical Statistics, Colonial Times to 1957*, series R 98, for number of families with TV]

ITEM	June 1955 <sup>1</sup>	May 1960	AUGUST 1965			AUGUST 1966		
			All house- holds	Households with television		All house- holds	Households with television	
				UHF set <sup>2</sup>	Color set		UHF set <sup>2</sup>	Color set
All households-----	100	100	100	23	7	100	34	13
Percent with TV-----	67	88	92	100	100	93	100	100
By area:								
Inside SMSA's-----	78	91	94	25	8	95	36	14
Outside SMSA's-----	50	82	89	19	6	91	30	11
By region:								
Northeast-----	80	92	94	23	7	95	35	13
North Central-----	72	89	94	26	7	95	38	13
South-----	53	82	90	19	6	91	29	10
West-----	62	87	92	24	11	93	34	18
By number of sets:								
No set-----	33	12	8	(X)	(X)	7	(X)	(X)
1 set-----	65	77	73	19	5	71	28	9
2 sets or more-----	2	11	20	36	17	23	51	26

X Not applicable. <sup>1</sup> Excludes Alaska and Hawaii. <sup>2</sup> Sets equipped for ultra high frequency reception.

Source: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-121.

## No. 743. NEWSPRINT CONSUMPTION, NEWSPAPER PAGES, AND CIRCULATION: 1945 TO 1966

[Prior to 1960, excludes Alaska and Hawaii]

YEAR	NEWSPRINT CONSUMPTION (1,000 tons)						NEWSPAPER PAGES PER ISSUE <sup>3</sup>		NEWSPAPER CIRCULATION PER FAMILY	
	Total <sup>1</sup>	By newspapers <sup>2</sup>					Daily	Sun- day	Daily	Sun- day
		Total	Advertising		Other content					
			Amount	Per- cent	Amount	Per- cent				
1945-----	3,451	3,237	1,667	51.5	1,570	48.5	22	70	1.28	1.06
1950-----	5,863	5,521	3,279	59.4	2,242	40.6	36	112	1.23	1.06
1955-----	6,484	6,173	3,827	62.0	2,346	38.0	40	132	1.16	0.97
1960-----	7,326	6,813	4,156	61.0	2,657	39.0	43	142	1.12	0.91
1963-----	7,577	7,047	4,313	61.2	2,734	38.8	46	148	1.08	0.87
1964-----	8,092	7,526	4,644	61.7	2,882	38.3	47	154	1.07	0.87
1965-----	8,359	7,774	4,703	60.5	3,071	39.5	50	167	1.05	0.85
1966-----	8,950	8,324	5,136	61.7	3,188	38.3	53	180	1.06	0.85

<sup>1</sup> Apparent consumption; equals production plus imports minus exports adjusted for year-end change in newspaper publishers' inventories and domestic mill stocks.

<sup>2</sup> Based on information of Media Records, Inc.

<sup>3</sup> Based on information of Newsprint Service Bureau, average in 39 cities.

Source: Dept. of Commerce, Business and Defense Services Administration; unpublished data.



No. 744. NEWSPAPERS—CIRCULATION AND RECEIPTS: 1958 AND 1963

[Circulation in thousands; receipts in millions of dollars. Includes foreign language newspapers. See also *Historical Statistics, Colonial Times to 1957*, series R 173-182]

TYPE OF PUBLICATION	1958				1963			
	Circulation per issue <sup>1</sup>	Receipts			Circulation per issue <sup>1</sup>	Receipts		
		Total	Subscriptions and sales	Advertising		Total	Subscriptions and sales	Advertising
Total.....	(X)	3,458	<sup>2</sup> 1,014	2,444	(X)	4,255	<sup>2</sup> 1,231	3,024
Daily and Sunday.....	(X)	3,125	917	2,209	(X)	3,792	1,064	2,728
Morning <sup>3</sup> .....	1,908	88	33	55	2,354	114	39	75
Evening <sup>3</sup> .....	13,225	561	151	410	13,826	674	179	495
Morning and Sunday.....	29,523	724	227	497	31,194	877	258	619
Evening and Sunday.....	26,489	705	205	500	31,326	904	255	649
Morning and evening <sup>3</sup> .....	619	30	9	21	717	37	10	27
Morning, evening, and Sunday.....	35,227	1,016	292	725	36,052	1,185	323	863
Weekly and other.....	(X)	298	63	235	(X)	379	83	296
Weekly <sup>4</sup> .....	29,828	248	54	195	( <sup>5</sup> )	288	70	219
Other <sup>6</sup> .....	3,651	50	9	41	( <sup>5</sup> )	91	13	77
Not specified.....	(X)	35	(NA)	(NA)	(X)	84	(NA)	(NA)

NA Not available. X Not applicable.  
<sup>1</sup> Includes paid, free, bulk, etc. "Issue" defined as the sum of all editions published on a given day.  
<sup>2</sup> Includes small amount from advertising, not available separately.  
<sup>3</sup> No Sunday editions. <sup>4</sup> Includes those issued on Sunday only.  
<sup>5</sup> Not shown because not reported by many small newspapers. Based on yearly subscription rate for those reporting circulation, aggregate average circulation per issue for weekly newspapers is estimated at approximately 17,500,000 and for newspapers other than daily and weekly, approximately 3,600,000.  
<sup>6</sup> Includes newspapers issued more than 1 but less than 4 times a week, and those issued less frequently than once a week.

Source: Dept. of Commerce, Bureau of the Census; 1963 *Census of Manufactures*, Series MC 63(2)-27A.

No. 745. PERIODICALS—CIRCULATION AND RECEIPTS: 1958 AND 1963

[Circulation in thousands; receipts in millions of dollars. See also *Historical Statistics, Colonial Times to 1957*, series R 183-186]

TYPE OF PUBLICATION	1958				1963			
	Circulation per issue <sup>1</sup>	Receipts			Circulation per issue <sup>1</sup>	Receipts		
		Total	Subscriptions and sales	Advertising		Total	Subscriptions and sales	Advertising
Total.....	408,364	1,639	<sup>2</sup> 622	1,018	427,915	2,037	<sup>2</sup> 868	1,242
Farm.....	18,850	67	11	55	14,305	54	8	46
General.....	14,872	48	8	40	12,087	43	7	37
Specialized.....	3,978	19	3	16	2,218	11	2	9
Specialized.....	51,577	380	86	294	32,712	535	123	413
Industrial, engineering, technical.....	11,399	212	30	182	12,113	247	31	216
Merchandising.....	4,686	72	7	66	(S)	127	20	106
Professional, institutional, service.....	35,492	96	49	47	(S)	121	56	65
Not specified.....	(X)	(X)	(X)	(X)	(X)	40	15	25
General.....	241,741	887	343	544	238,955	1,169	459	711
Comics.....	63,035	22	21	1	27,594	11	11	(Z)
Women and home services.....	70,729	207	74	133	93,401	313	110	204
General entertainment.....	98,378	530	211	319	102,501	659	279	380
General news.....	7,780	101	29	73	13,913	145	40	106
Business news.....	1,819	26	8	18	(S)	28	13	15
Not specified.....	(X)	(X)	(X)	(X)	(X)	12	7	5
Other.....	96,196	265	<sup>2</sup> 142	123	141,943	230	<sup>2</sup> 158	73
Not specified.....	(X)	40	(NA)	(NA)	(X)	48	(NA)	(NA)

NA Not available. S Does not meet publication standards. X Not applicable.  
Z Less than \$500,000. <sup>1</sup> See footnote 1, table 744.  
<sup>2</sup> Includes small amount from advertising, not available separately.

Source: Dept. of Commerce, Bureau of the Census; 1963 *Census of Manufactures*, Series MC 63(2)-27A.

**No. 746. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1940 TO 1966, AND BY STATES, 1966**

**Circulation in thousands.** As of October 1, except number of newspapers, beginning 1964, as of January 1 of following year. Prior to 1960, excludes Alaska and Hawaii. For English language newspapers only. See also *Historical Statistics, Colonial Times to 1957*, series R 169-172]

YEAR AND STATE	DAILY NEWSPAPERS						SUNDAY NEWS-PAPERS	
	Total		Morning		Evening		Number	Net paid circulation
	Number <sup>1</sup>	Net paid circulation	Number	Net paid circulation	Number	Net paid circulation		
1940.....	1,878	41,132	380	16,114	1,498	25,018	525	32,371
1945.....	1,749	48,384	330	19,240	1,419	29,144	485	39,860
1950.....	1,772	53,829	322	21,266	1,450	32,563	549	46,582
1955.....	1,760	56,147	316	22,183	1,454	33,964	541	46,448
1960.....	1,763	58,882	312	24,029	1,459	34,853	563	47,699
1962.....	1,760	59,849	318	24,563	1,451	35,286	558	48,888
1963.....	1,754	58,905	311	23,459	1,453	35,446	550	46,830
1964.....	1,763	60,412	323	24,365	1,452	36,048	561	48,383
1965.....	1,751	60,358	320	24,107	1,444	36,251	562	48,600
1966								
United States <sup>2</sup> .....	1,754	61,397	324	24,806	1,444	36,592	578	49,282
Alabama.....	22	710	7	224	15	486	15	617
Alaska.....	6	65	1	18	5	47	2	24
Arizona.....	15	432	4	198	11	234	5	308
Arkansas.....	<sup>2</sup> 34	418	5	165	29	254	10	329
California.....	133	5,684	19	2,103	114	3,581	36	4,661
Colorado.....	26	679	4	242	22	437	9	699
Connecticut.....	25	889	6	265	19	623	6	523
Delaware.....	3	148	1	43	2	105	—	—
District of Columbia.....	3	987	1	456	2	532	2	932
Florida.....	49	1,863	16	1,163	33	700	30	1,631
Georgia.....	32	976	7	424	25	552	13	879
Hawaii.....	6	216	2	70	4	145	2	167
Idaho.....	<sup>1</sup> 14	162	5	80	10	82	5	128
Illinois.....	<sup>1</sup> 83	3,915	10	1,930	74	1,985	20	3,044
Indiana.....	85	1,707	9	477	76	1,230	18	1,117
Iowa.....	<sup>1</sup> 43	984	4	312	41	672	9	865
Kansas.....	<sup>1</sup> 51	662	6	242	46	420	14	428
Kentucky.....	<sup>1</sup> 28	751	6	313	24	438	13	551
Louisiana.....	22	754	5	372	17	382	11	647
Maine.....	9	263	5	203	4	59	1	107
Maryland.....	12	756	4	229	8	527	3	688
Massachusetts.....	<sup>1</sup> 47	2,324	6	974	42	1,350	9	1,603
Michigan.....	54	2,410	1	537	53	1,873	11	2,093
Minnesota.....	<sup>2</sup> 30	1,104	5	405	25	699	7	1,003
Mississippi.....	19	306	4	90	15	215	7	176
Missouri.....	53	1,843	7	779	46	1,064	14	1,554
Montana.....	16	186	4	124	12	63	9	175
Nebraska.....	19	483	3	168	16	315	5	361
Nevada.....	7	133	2	50	5	83	5	117
New Hampshire.....	<sup>1</sup> 9	143	1	28	9	116	1	48
New Jersey.....	31	1,763	7	458	24	1,305	7	1,089
New Mexico.....	19	199	2	64	17	135	13	174
New York.....	<sup>1</sup> 84	7,794	21	4,254	64	3,540	16	7,359
North Carolina.....	47	1,208	9	590	38	618	17	864
North Dakota.....	<sup>1</sup> 10	179	3	42	8	137	2	93
Ohio.....	<sup>2</sup> 96	3,450	8	895	88	2,555	17	2,192
Oklahoma.....	53	866	9	422	44	444	42	728
Oregon.....	21	659	3	286	18	373	5	518
Pennsylvania.....	<sup>1</sup> 113	4,061	27	1,300	89	2,761	12	3,169
Rhode Island.....	7	316	1	67	6	249	2	214
South Carolina.....	17	545	8	385	9	159	7	425
South Dakota.....	11	170	1	3	10	167	4	119
Tennessee.....	<sup>2</sup> 31	1,116	7	510	24	606	14	895
Texas.....	<sup>2</sup> 112	3,067	22	1,369	90	1,698	82	2,916
Utah.....	5	263	1	110	4	153	4	254
Vermont.....	9	103	2	59	7	44	1	13
Virginia.....	<sup>2</sup> 32	998	10	460	22	538	12	670
Washington.....	24	993	5	316	19	676	11	900
West Virginia.....	30	493	9	238	21	255	9	336
Wisconsin.....	37	1,187	3	254	34	933	7	853
Wyoming.....	10	70	6	39	4	31	2	25

— Represents zero. <sup>1</sup> Beginning 1955, adjusted to account for all-day papers listed in morning and evening figures (circulations divided between them).

<sup>2</sup> Adjusted to allow for duplication of Texarkana, Ark.-Tex., Bristol, Tenn.-Va., and Fargo, N.Dak.-Moorehead, Minn., papers in individual State tabulations (circulations divided between States); for Covington, Ky., papers also included in Ohio.

**NO. 747. BOOKS AND PAMPHLETS—QUANTITY SOLD AND VALUE OF RECEIPTS:**  
1954, 1958, AND 1963

[1954, excludes Alaska and Hawaii. Includes number of copies sold and dollar receipts reported by establishments classified in the "Books, publishing and printing" industry and by establishments reporting these receipts as "secondary" activities in other industries]

TYPE OF PUBLICATION	1954		1958		1963	
	Copies sold (1,000)	Receipts (\$1,000)	Copies sold (1,000)	Receipts (\$1,000)	Copies sold (1,000)	Receipts (\$1,000)
<b>Total</b> .....	(X)	665, 419	(X)	1,010, 713	(X)	1,547, 788
<b>All books</b> .....	(X)	1 628, 551	(X)	959, 429	(X)	1, 484, 325
<b>Textbooks</b> .....	(X)	180, 279	(X)	281, 572	(X)	2 471, 100
Elementary, grades 1-8:						
Hardbound.....	40, 541	57, 365	47, 549	76, 632	54, 911	112, 689
Paperbound.....	23, 037	10, 242	26, 778	11, 603	38, 464	21, 668
High school, grades 9-12:						
Hardbound.....	15, 627	31, 927	23, 057	58, 191	32, 891	97, 811
Paperbound.....	2, 587	2, 118	2, 533	2, 024	9, 359	8, 849
College, grades 13 and over: 3						
Hardbound.....	14, 538	50, 241	19, 554	81, 377	24, 175	131, 725
Paperbound.....	1, 286	1, 484	3, 095	2, 767	9, 291	14, 867
Work books, paperbound.....	4 59, 373	4 26, 902	76, 572	40, 300	106, 315	61, 050
Standardized tests, paperbound 5.....	(6)	(6)	97, 049	8, 678	137, 316	19, 328
Subscription reference books, hardbound 7.....	25, 860	89, 825	44, 870	163, 569	35, 727	207, 338
<b>Technical, scientific, and professional books</b> .....	(X)	63, 635	(X)	116, 021	(X)	2 156, 342
Law, designed for the profession.....			3, 702	36, 400	6, 498	57, 384
Medical, designed for the profession 8.....	19, 217	63, 635	2, 423	21, 400	4, 096	24, 148
Business, nonfiction, for adults.....			2, 080	9, 400	1, 242	5, 592
Other.....			15, 596	48, 821	29, 555	63, 015
<b>Religious books</b> .....	(X)	22, 173	(X)	58, 643	(X)	2 81, 120
Hardbound and paperbound:						
Bibles, complete editions.....	11, 359	19, 125	8, 903	18, 318	8, 482	23, 271
Testaments.....			10, 181	4, 746	6, 820	3, 150
Hymnals and devotionals 9.....	(NA)	3, 048	5, 103	8, 064	4, 658	8, 201
Other, fiction or nonfiction: 10						
Hardbound.....	(NA)	(NA)	9, 815	15, 999	16, 916	31, 296
Paperbound.....	(NA)	(11)	36, 776	11, 516	22, 521	12, 599
<b>General books, trade, etc.</b> .....	(X)	220, 001	(X)	274, 739	(X)	2 458, 152
Book club books, hardbound and paperbound.....	(12)	(12)	65, 180	95, 684	75, 749	143, 418
Wholesaled paperbound books, digest size 13.....	(14)	(14)	232, 585	47, 680	241, 449	60, 543
Adult trade books, fiction or nonfiction: 15						
Hardbound.....	12 86, 314	12 133, 117	32, 298	64, 669	40, 213	108, 515
Paperbound.....	14 188, 239	14 36, 049	5, 661	5, 374	48, 874	34, 485
Juvenile, fiction and nonfiction: 15						
\$1.00 and over retail.....	220, 114	50, 835	34, 321	40, 218	55, 056	72, 678
Under \$1.00 retail.....			137, 750	21, 114	120, 520	31, 257
<b>Other books:</b>						
Hardbound.....	5, 453	15, 489	(S)	52, 148	(S)	84, 402
Paperbound.....	38, 366	11 23, 316	25, 925	12, 737	41, 358	25, 871
<b>Pamphlets</b> .....	(X)	6 25, 094	(X)	31, 118	(X)	37, 964
Religious.....			(S)	11, 668	(S)	5, 040
Other.....	267, 088	6 25, 094	(S)	19, 450	(S)	32, 924
<b>Books and pamphlets, not specified by kind</b> .....	(X)	11, 774	(X)	20, 166	(X)	25, 499

NA Not available. S Does not meet publication standards. X Not applicable.

<sup>1</sup> Detail will not add to total owing to differences in the reporting of individual establishments.

<sup>2</sup> Includes receipts not specified by kind, as follows (in thousands of dollars): Textbooks, 3,113; technical, scientific and professional, 6,203; religious, 2,603; general, 7,256.

<sup>3</sup> Includes private business and secretarial school, post high vocational schools, and institutes and training courses of college grade.

<sup>4</sup> Includes 4,621,000 hardbound books; receipts, \$2,805,000.

<sup>5</sup> Objective tests, manuals, etc.; includes answer sheets.

<sup>6</sup> "Standardized tests" included in "Pamphlets."

<sup>7</sup> Represents books sold direct to the consumer through agents or distributors, usually on installment plan of payment. Includes multivolume encyclopedias, children's literature, biblical sets, etc. Copies sold represent number of volumes rather than sets. 1954 data not strictly comparable with later years due to difference in coverage. <sup>8</sup> Includes nursing and dental subjects. <sup>9</sup> Includes missals and, beginning 1958, prayer books.

<sup>10</sup> For adults and juveniles. <sup>11</sup> "Other religious books, paperbound" included in "Other books, paperbound."

<sup>12</sup> "Book club books" included in "Adult trade books, hardbound."

<sup>13</sup> Digest size 4¼" x 6½"; distributed 75 percent or more through magazine wholesalers.

<sup>14</sup> "Wholesaled paperbound books" included in "Adult trade books, paperbound."

<sup>15</sup> Sold primarily through booksellers or book dealers (retail and wholesale) at trade discounts. Juvenile books represent hardbound and paperbound books, excluding toy books.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1954*, Series MC-27A and 1963, Series MC63(2)-27A.



## No. 748. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1950 TO 1966

[Comprises new books (those published for the first time) and new editions (those published with changes in text or format). Excludes State and Federal publications; subscription books, except encyclopedias; dissertations; second, third, or fourth printings or impressions; periodicals and quarterlies; and pamphlets of under 49 pages. Beginning 1965, data not strictly comparable with earlier years because of internal shifts in classifications. See also *Historical Statistics*, *Colonial Times to 1957*, series R 165-167]

SUBJECT	1950	1955	1960	1965			1966		
				Total	New books	New editions	Total	New books	New editions
<b>Total</b> .....	<b>11,022</b>	<b>12,589</b>	<b>15,012</b>	<b>28,595</b>	<b>20,234</b>	<b>8,361</b>	<b>30,050</b>	<b>21,819</b>	<b>8,231</b>
Agriculture.....	152	168	156	270	214	56	287	212	75
Art.....	357	347	470	971	763	208	1,013	779	234
Biography.....	603	833	879	685	455	230	1,103	819	284
Business.....	250	312	305	537	437	100	586	478	108
Education.....	256	274	348	954	789	165	1,040	886	154
Fiction.....	1,907	2,073	2,440	3,241	1,615	1,626	3,018	1,699	1,319
General works <sup>1</sup> .....	345	387	282	634	384	250	644	410	234
History.....	516	665	865	1,682	909	773	1,619	959	660
Home economics.....	193	255	197	300	241	59	274	219	55
Juvenile.....	1,059	1,485	1,725	2,895	2,473	422	2,713	2,375	338
Language.....	148	168	228	527	385	142	795	459	336
Law.....	298	305	394	436	291	145	421	316	105
Literature.....	591	660	736	1,686	1,166	520	1,812	1,185	627
Medicine.....	443	534	520	1,218	871	347	1,446	1,007	439
Music.....	113	103	98	300	183	117	291	207	84
Philosophy, psychology.....	340	314	480	979	582	397	892	629	263
Poetry, drama.....	531	493	492	994	775	219	1,024	728	296
Religion.....	727	849	1,104	1,855	1,428	427	1,809	1,477	332
Science.....	705	801	1,089	2,562	1,850	712	2,958	2,079	879
Sociology, economics.....	515	520	754	3,242	2,372	870	3,482	2,632	850
Sports, recreation.....	188	200	286	591	474	117	526	441	85
Technology.....	497	477	698	1,153	942	211	1,333	1,091	242
Travel.....	288	366	466	883	635	248	964	732	232

<sup>1</sup> Classified as miscellaneous through 1960.

Source: R. R. Bowker Co., New York, N.Y.; *Publishers' Weekly*.

## No. 749. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES, BY SUBJECT: 1956, 1960, AND 1966

SUBJECT	AVERAGE PRICES OF BOOKS <sup>1</sup>			SUBJECT	AVERAGE PRICES OF PERIODICALS <sup>2</sup>		
	1956	1960	1966		1956	1960	1966
<b>Total</b> .....	<b>\$4.61</b>	<b>\$5.24</b>	<b>\$7.94</b>	<b>Total</b> .....	<b>\$4.56</b>	<b>\$5.32</b>	<b>\$7.44</b>
Agriculture.....	5.09	(NA)	8.37	Agriculture.....	2.52	2.84	4.11
Art.....	9.97	12.61	14.73	Business and economics.....	4.64	5.34	6.89
Biography.....	4.74	4.98	7.57	Chemistry and physics.....	9.39	11.30	19.73
Business.....	6.30	6.83	9.47	Children's periodicals.....	1.85	2.06	2.71
Children's books.....	2.50	2.74	3.46	Education.....	3.74	4.19	5.58
Economics.....	5.97	6.19	9.08	Engineering.....	4.94	5.86	8.19
Education.....	4.47	4.97	5.61	Fine and applied arts.....	4.07	4.94	6.25
History.....	5.88	5.91	8.56	History.....	4.00	4.60	5.53
Law.....	7.17	8.01	10.95	Home economics.....	3.80	4.43	5.67
Literature, general.....	3.24	3.59	6.67	Industrial arts.....	4.03	4.60	6.60
Literature, fiction.....	3.28	3.59	4.52	Journalism, communications.....	3.77	4.08	5.41
Literature, poetry.....	2.95	3.31	4.74	Labor and industrial relations.....	1.98	2.26	2.75
Literature, drama.....	3.60	4.48	6.67	Law.....	4.93	5.81	7.68
Medicine.....	7.73	8.41	12.37	Library science.....	3.22	3.71	5.51
Music.....	4.56	5.56	8.15	Literature and languages.....	3.50	4.05	4.78
Religion.....	3.74	4.05	5.38	Mathematics, botany, geology, and general science.....	5.82	7.27	12.29
Science.....	8.46	10.21	11.72	Medicine.....	9.09	10.28	15.53
Sports.....	4.57	4.80	6.28	Philosophy and religion.....	3.58	4.05	4.76
Technology.....	7.52	8.89	12.51	Physical education and recreation.....	3.02	3.47	4.32
				Political science.....	4.05	4.77	5.84
				Psychology.....	8.27	9.57	12.67
				Sociology and anthropology.....	3.72	4.52	5.48
				Zoology.....	7.01	8.90	10.96
				General interest periodicals.....	4.63	5.19	6.43

NA Not available. <sup>1</sup> Excludes paperback books, government documents, and encyclopedias. Refers to books published in year stated. <sup>2</sup> Average annual subscription prices.

Source: 1956 and 1960, Dept. of Health, Education, and Welfare, Office of Education; *The Cost of Library Materials: Price Trends of Publications*, Circular OE-15029A. 1966, average prices of books, R. R. Bowker Co., New York, N.Y., *Publishers' Weekly*, February 13, 1967; and 1966, average prices of periodicals, American Library Association, *Library Journal*, July 1966.

No. 750. BOOKS—IMPORTS AND TRANSLATIONS INTO ENGLISH: 1965 AND 1966  
[Imports cover all books printed abroad and distributed in U.S. on exclusive basis. See also headnote, table 748]

SUBJECT	IMPORTS						LANGUAGE	TRANSLATIONS	
	1965			1966				1965	1966
	Total	New books	New editions	Total	New books	New editions			
Total.....	4,670	4,042	628	6,347	5,468	879	Total.....	1,749	1,667
Agriculture.....	80	74	6	116	103	13	French.....	404	378
Art.....	327	300	27	376	342	34	German.....	335	309
Biography.....	145	116	29	257	225	32	Italian.....	58	39
Business.....	42	39	3	61	55	6			
Education.....	60	56	4	130	121	9	Oriental.....	59	35
Fiction.....	103	58	45	143	121	22	Russian.....	256	202
General works.....	78	69	9	106	92	14	Scandinavian.....	51	62
History.....	299	243	56	380	306	74	Spanish.....	53	33
Home economics.....	50	45	5	52	49	3			
Juvenile.....	176	162	14	290	271	19	Other.....	533	609
Language.....	104	84	20	179	149	30			
Law.....	62	53	9	80	68	12			
Literature.....	284	231	53	334	277	57			
Medicine.....	313	274	39	457	360	97			
Music.....	48	38	10	84	72	12			
Philosophy.....	97	85	12	170	151	19			
Poetry, drama.....	188	162	26	188	149	39			
Religion.....	233	205	28	277	232	45			
Science.....	669	610	59	909	791	118			
Sociology, economics.....	598	517	81	848	711	137			
Sports, recreation.....	115	107	8	114	109	5			
Technical books.....	317	286	31	428	398	30			
Travel.....	282	228	54	368	316	52			

Source: R. R. Bowker Co., New York, N.Y.; *Publishers' Weekly*, January 30, 1967.

No. 751. REGISTRATION OF COPYRIGHTS, BY SUBJECT MATTER: 1950 TO 1966  
[For years ending June 30. Comprises copyrights issued to citizens of the United States and residents of foreign countries. For information on patents, see table 794. See also *Historical Statistics, Colonial Times to 1957*, series W 52-65]

SUBJECT MATTER OF COPYRIGHT	1950	1955	1960	1964	1965	1966
Total.....	210,564	224,732	243,926	278,987	293,617	286,866
Books (incl. pamphlets, leaflets, etc.).....	50,456	54,414	60,034	71,757	76,586	77,300
Periodicals (issues).....	55,436	59,448	64,204	74,472	77,819	77,963
Contributions to newspapers and periodicals.....	4,438	3,746	3,306	2,529	2,095	1,717
Lectures, sermons, addresses.....	1,007	813	835	1,112	848	911
Dramatic or dramatico-musical compositions.....	4,427	3,493	2,445	3,039	3,343	3,215
Musical compositions.....	52,309	57,527	65,558	75,256	80,881	76,805
Maps.....	1,638	2,013	1,812	1,955	3,262	1,933
Works of art, models, or designs.....	4,013	3,456	5,271	5,915	5,735	5,164
Reproductions of works of art.....	326	900	2,516	4,045	3,241	2,595
Drawings or plastic works of a scientific or technical character.....	1,316	1,350	768	893	1,239	867
Photographs.....	1,143	1,105	842	995	860	677
Prints and pictorial illustrations.....	4,309	3,793	3,343	3,325	2,927	3,081
Commercial prints and labels.....	13,320	10,505	8,142	7,013	7,509	6,285
Motion picture photoplays.....	782	1,216	2,755	3,018	2,536	1,983
Motion pictures not photoplays.....	1,113	1,434	702	1,089	1,216	906
Renewals of all classes.....	14,531	19,519	21,393	22,574	23,520	25,464

Source: The Library of Congress; *Annual Report*.

## Section 19

### Power

This section presents statistics on the supply, production, and distribution of power and energy. The principal sources of these data are the Federal Power Commission and the American Gas Association.

The Federal Power Commission publishes various statistical reports containing information on the electric power and natural gas industries. At periodic intervals it issues publications containing information on the production of electricity, capacity of generating plants (industrial plants as well as utilities), fuels used in production, financial data, sales of electric energy, construction costs and production expenses of steam electric and hydroelectric plants, financial and operating statistics on both the electric and interstate gas pipeline utilities, hydroelectric power resources of the United States, sales by producers of natural gas to interstate gas pipeline companies, and depreciation practices of electric and interstate gas pipeline utilities.

The Commission also issues periodic reports on electric utility rates, including the national electric rate book, typical electric bills, and annual bills for all-electric homes. Maps showing principal natural gas pipelines and principal electric facilities in the United States are published from time to time. Other publications relate to the statutes and regulations administered by the Commission.

The American Gas Association, in its monthly and quarterly bulletins and its year-book, *Gas Facts*, presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics. Other important sources include the Bureau of Mines' *Minerals Yearbook*, containing data on coal, oil, and natural gas production and utilization; and the Edison Electric Institute's monthly and annual *Statistical Bulletin*, containing data on the distribution of electric energy by public utilities.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 752. TOTAL HORSEPOWER OF ALL PRIME MOVERS: 1940 TO 1966

[In thousands. As of January, except as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling water) into work and power. Electric motors, which are secondary movers and obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1957*, series S 1-14]

ITEM	1940	1950	1955	1960	1965	1966 (prel.)
<b>Total horsepower</b> .....	<b>2, 773, 316</b>	<b>4, 867, 538</b>	<b>7, 158, 229</b>	<b>11, 007, 889</b>	<b>15, 096, 332</b>	<b>15, 959, 175</b>
Work animals.....	12, 510	7, 040	4, 141	2, 790	2, 000	1, 800
Inanimate.....	2, 760, 806	4, 860, 498	7, 154, 088	11, 005, 099	15, 094, 332	15, 957, 375
Automotive <sup>1 2</sup> .....	2, 511, 312	4, 403, 617	6, 632, 121	10, 366, 880	14, 306, 300	15, 101, 836
Nonautomotive.....	249, 494	456, 881	521, 967	638, 219	788, 032	855, 539
Factories.....	21, 768	32, 921	35, 579	42, 000	48, 400	49, 700
Mines.....	7, 332	22, 000	30, 768	34, 700	40, 300	41, 200
Railroads <sup>3</sup> .....	92, 361	110, 969	60, 304	46, 856	43, 838	47, 098
Merchant ships, powered.....	<sup>4</sup> 9, 408	<sup>4</sup> 23, 423	<sup>4</sup> 24, 155	23, 890	24, 015	22, 622
Sailing vessels.....	<sup>4</sup> 26	<sup>4</sup> 11	<sup>4</sup> 5	2	2	1
Farms <sup>5</sup> .....	57, 472	157, 533	207, 742	237, 020	269, 822	274, 227
Windmills.....	130	59	59	44	30	27
Electric central stations <sup>2</sup> .....	53, 542	87, 965	137, 576	217, 173	307, 025	323, 800
Aircraft <sup>3 6</sup> .....	<sup>4</sup> 7, 455	<sup>4</sup> 22, 000	<sup>4</sup> 25, 779	36, 534	54, 600	96, 864

<sup>1</sup> Includes passenger cars, trucks, buses, and motorcycles. <sup>2</sup> As of July 1.

<sup>3</sup> Beginning 1965, not strictly comparable with earlier years. <sup>4</sup> Includes Alaska and Hawaii.

<sup>5</sup> Excludes horses and other work animals, which are included with "Work animals."

<sup>6</sup> Includes private planes and commercial airliners.

Source: The Twentieth Century Fund, J. F. Dewhurst and Associates, *America's Needs and Resources, A New Survey*; and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1958*, and unpublished estimates.



# No. 753. MINERAL ENERGY RESOURCES AND ELECTRICITY—PRODUCTION AND CONSUMPTION: 1930 TO 1966

[In trillions of British thermal units, except percent. Prior to 1960, excludes Alaska and Hawaii, except data for bituminous coal include Alaska for all years. Unit heat values used are: Anthracite, 12,700 B.t.u. per pound; bituminous coal and lignite 13,100 B.t.u. per pound; petroleum, 5,800,000 B.t.u. per barrel; natural gas, total production multiplied by 1.075 B.t.u. minus repressuring vent and waste gas multiplied by 1.035 through 1964, and by 1.032 thereafter. For electricity series, hydropower and nuclear power converted to coal input equivalent at prevailing average pounds of coal per kilowatt hour each year at central electric plants, using 12,000 B.t.u. per pound. See also *Historical Statistics, Colonial Times to 1957*, series M 71-87]

YEAR	Total	COAL		Crude petro- leum <sup>1</sup>	Natural gas <sup>2</sup>	Elec- tricity	PERCENT				
		Anthra- cite	Bitu- minous and lignite				Coal		Crude petro- leum <sup>1</sup>	Natural gas <sup>2</sup>	Elec- tricity
							Anthra- cite	Bitu- minous and lignite			
PRODUCTION											
1930-----	22, 119	1, 762	12, 249	5, 208	2, 148	(NA)	8. 0	55. 4	23. 5	9. 7	(NA)
1940-----	25, 088	1, 308	12, 072	7, 849	2, 979	(NA)	5. 2	48. 1	31. 3	11. 9	(NA)
1950-----	34, 510	1, 120	13, 527	11, 449	6, 841	(NA)	3. 2	39. 2	33. 2	19. 8	(NA)
1955-----	38, 900	665	12, 174	14, 410	10, 204	(NA)	1. 7	31. 3	37. 1	26. 2	(NA)
1960-----	41, 704	478	10, 886	14, 935	13, 822	1, 583	1. 1	26. 1	35. 8	33. 2	3. 8
1962-----	43, 786	429	11, 034	15, 522	15, 004	1, 797	1. 0	25. 2	35. 4	34. 3	4. 1
1963-----	46, 169	464	12, 024	15, 966	15, 941	1, 774	1. 0	26. 0	34. 6	34. 5	3. 9
1964-----	48, 038	436	12, 759	16, 164	16, 792	1, 887	0. 9	26. 6	33. 6	34. 9	4. 0
1965-----	50, 011	378	13, 417	16, 521	17, 628	2, 067	0. 8	26. 8	33. 0	35. 2	4. 2
1966 (prel.)-----	52, 401	329	13, 938	17, 626	18, 412	2, 096	0. 6	26. 6	33. 6	35. 2	4. 0
CONSUMPTION											
1930-----	22, 288	1, 718	11, 921	5, 652	2, 212	(NA)	7. 7	53. 5	25. 4	9. 9	(NA)
1940-----	23, 908	1, 245	11, 290	7, 487	2, 969	(NA)	5. 2	47. 2	31. 4	12. 4	(NA)
1950-----	34, 153	1, 013	11, 900	12, 706	6, 933	(NA)	3. 0	34. 8	37. 2	20. 3	(NA)
1955-----	39, 956	599	11, 104	16, 328	10, 428	(NA)	1. 5	27. 8	40. 8	26. 1	(NA)
1960-----	44, 816	447	9, 967	18, 608	14, 163	1, 631	1. 0	22. 2	41. 6	31. 6	3. 6
1962-----	47, 620	363	10, 160	19, 662	15, 632	1, 803	0. 8	21. 3	41. 2	32. 9	3. 8
1963-----	49, 598	361	10, 722	20, 231	16, 511	1, 773	0. 7	21. 7	40. 8	33. 2	3. 6
1964-----	51, 676	365	11, 295	20, 707	17, 417	1, 892	0. 7	21. 8	40. 3	33. 5	3. 7
1965-----	53, 962	328	12, 030	21, 566	17, 950	2, 088	0. 6	22. 3	40. 0	33. 2	3. 9
1966 (prel.)-----	56, 542	290	12, 746	22, 651	18, 737	2, 118	0. 6	22. 5	40. 1	33. 1	3. 8

NA Not available.

<sup>1</sup>Includes commingled condensate. Beginning 1950, consumption includes petroleum products (net imports).

<sup>2</sup>Marketed production; includes amount stored and lost in transmission. Consumption includes dry and liquid gas. Beginning 1965, on pressure base of 14.73 pounds per square inch absolute; formerly, on base of 14.65.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data in *Mineral Industry Surveys*.

# No. 754. CONSUMPTION OF MINERAL RESOURCES FOR ENERGY AND SELECTED ECONOMIC INDICATORS: 1965 AND 1980 PROJECTION

ITEM AND UNIT	1965	1980	Annual growth rate 1965 to 1980 (percent)
<b>CONSUMPTION</b>			
Total energy----- trillions of British thermal units--	53, 791	88, 073	3. 3
Coal----- million tons--	472	747	3. 1
Natural gas----- billion cubic feet--	15, 590	24, 594	3. 1
Petroleum, including natural gas liquids----- million barrels--	4, 202	6, 665	3. 1
Utility electricity <sup>1</sup> ----- billion kilowatt-hours--	1, 057	2, 700	6. 5
<b>ECONOMIC INDICATORS</b>			
Gross national product----- billions of 1958 dollars--	609	1, 071	3. 9
Industrial production index----- 1957-59=100--	143	250	3. 8
Labor force, monthly average----- 1,000--	78, 400	101, 408	1. 7
Population, July 1----- 1,000--	194, 600	245, 313	1. 6

<sup>1</sup> Includes generation from fossil fuels, hydropower, and nuclear fuel.

Source: Dept. of Interior, Bureau of Mines; *Minerals Yearbook*, 1965, Vol. II.

# No. 755. UTILITY ELECTRIC ENERGY USE, 1960 TO 1965, AND PROJECTED REQUIREMENTS, 1970 TO 1980

[Excludes generation by industrial facilities and railways having generating facilities of their own]

YEAR	ENERGY USE			PEAK LOAD		
	Billion kw.-hr.	Percent increase		Million kw.	Percent increase	
		From 1960	For each interval		From 1960	For each interval
1960.....	763.5	(X)	(X)	138.4	(X)	(X)
1962.....	860.6	12.7	7.6	157.6	13.9	8.7
1963.....	921.0	20.6	7.0	167.7	21.2	6.4
1964.....	989.1	29.5	7.4	179.2	29.5	6.9
1965.....	1,059.5	38.8	7.1	189.7	37.1	5.9
1970.....	1,483.8	94.3	40.0	270.6	95.5	42.6
1975.....	2,023.9	165.1	36.4	370.4	167.6	36.9
1980.....	2,692.6	252.7	33.0	494.2	257.1	33.4

X Not applicable.

Source: Federal Power Commission; *National Power Survey*, 1964, and unpublished data.

# No. 756. ELECTRIC ENERGY PRODUCTION AND INSTALLED GENERATING CAPACITY, BY CLASS OF OWNERSHIP AND TYPE OF PRIME MOVER: 1940 TO 1966

Production for calendar years; other data as of December 31. Prior to 1964, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series S 15-35 and S 44-69]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966 (prel.)
<b>Production (bil. kw.-hr.)</b> .....	180	271	389	629	842	1,084	1,158	1,248
Industrial plants <sup>1</sup> .....	38	49	60	82	88	100	102	104
Electric utilities (for public use).....	142	222	329	547	753	984	1,055	1,144
By class of ownership:								
Privately owned <sup>2</sup> .....	125	181	267	421	579	756	809	881
Percent of utility production.....	88.4	81.3	81.1	76.9	76.8	76.8	76.7	77.0
Publicly owned <sup>2</sup> .....	16	42	62	126	175	228	246	263
Municipal.....	6	10	15	26	37	50	50	53
Federal.....	9	28	40	89	112	130	145	153
Cooperatives, power districts, State projects.....	1	3	6	11	26	48	51	57
By source of energy (percent):								
Coal <sup>3</sup> .....	54.6	51.7	47.1	55.1	53.6	53.8	54.5	54.1
Oil.....	4.4	3.5	10.3	6.8	6.1	5.8	6.1	6.9
Gas.....	7.7	8.9	13.5	17.4	21.0	22.4	21.0	22.0
Hydro.....	33.4	35.9	29.2	20.7	19.3	18.0	18.4	17.0
<b>Installed capacity (mil. kw.)</b> .....	51	63	83	131	186	240	255	266
Industrial plants <sup>1</sup> .....	11	13	14	16	18	18	18	19
Electric utilities (for public use).....	40	50	69	114	168	222	236	247
By class of ownership:								
Privately owned.....	34	40	55	87	128	168	178	186
Percent of utility capacity.....	86.2	80.4	80.1	75.9	76.5	75.4	75.2	75.0
Publicly owned <sup>2</sup> .....	6	10	14	28	40	55	59	62
Municipal.....	3	4	5	8	11	15	15	17
Federal.....	2	5	7	17	22	28	32	33
Cooperatives, power districts, State projects.....	(Z)	1	2	3	6	11	11	13
<b>TYPE OF PRIME MOVER</b>								
Electric utilities (for public use):								
Number of plants, total <sup>4</sup> .....	3,918	3,886	3,867	3,587	3,435	3,377	3,290	3,294
Hydro.....	1,474	1,505	1,458	1,381	1,331	1,274	1,231	1,219
Steam.....	1,153	1,057	1,051	1,045	1,060	1,072	1,068	1,085
Internal combustion.....	1,291	1,324	1,358	1,161	1,044	1,031	991	990
Production (bil. kw.-hr.).....	142	222	329	547	753	984	1,055	1,144
Hydro.....	47	80	96	113	146	177	194	194
Steam.....	93	140	230	430	603	802	856	949
Internal combustion.....	2	2	4	4	4	5	5	5
Installed capacity (mil. kw.).....	40	50	69	114	168	222	236	247
Hydro.....	11	15	18	25	32	42	44	45
Steam.....	28	34	49	87	133	177	189	199
Internal combustion.....	1	1	2	2	3	3	3	3
Production per kilowatt of installed capacity, utilities only (kw.-hr.) <sup>5</sup> .....	3,552	4,440	4,776	4,779	4,484	4,427	4,469	4,627

Z Less than 500,000. <sup>1</sup> Comprises powerplants of 100 kilowatts and over, including stationary electric powerplants of railroads.

<sup>2</sup> Noncentral stations included only in total prior to 1955; distributed to other publicly owned classes thereafter.

<sup>3</sup> Includes small percentage from wood and waste and also, in past few years, from nuclear fuel.

<sup>4</sup> Each prime mover type in combination plants counted separately. <sup>5</sup> Capacity in service at end of year.

Source: Federal Power Commission; annual summaries, industrial electric power summaries, related monthly reports, and unpublished data.

No. 757. ELECTRIC UTILITIES—SUPPLY SYSTEMS, UTILITIES, AND GENERATING PLANTS, BY CLASS OF OWNERSHIP: 1945 TO 1965

[As of December 31. Prior to 1964, excludes Alaska and Hawaii. Duplications of establishments operating in two or more States have been eliminated. Each type of prime mover in combination generating plants counted separately; nonutility generating plants producing primarily for industrial use are excluded]

ITEM	Total, all classes	Pri- vately owned	Cooper- atively owned	PUBLICLY OWNED			
				Total	Municipal	Federal	Other <sup>1</sup>
1945: Total electric supply systems.....	4,051	1,060	800	2,191	2,092	74	25
Utilities with generating plants.....	1,594	492	83	1,019	990	18	11
Number of generating plants.....	3,886	2,400	142	1,344	1,157	86	101
1950: Total electric supply systems.....	4,007	821	963	2,223	2,077	55	91
Utilities with generating plants.....	1,495	393	92	1,010	955	13	42
Number of generating plants.....	3,867	2,334	166	1,367	1,136	83	148
1955: Total electric supply systems.....	3,648	581	950	2,117	1,968	57	92
Utilities with generating plants.....	1,315	315	78	922	865	9	48
Number of generating plants.....	3,587	2,103	146	1,338	1,068	129	141
1960: Total electric supply systems.....	3,637	496	965	2,176	2,026	43	107
Utilities with generating plants.....	1,198	270	68	860	802	6	52
Number of generating plants.....	3,435	2,000	132	1,303	1,017	142	144
1964: Utilities with generating plants.....	1,192	259	76	857	799	8	50
Number of generating plants.....	3,377	1,881	165	1,331	1,040	157	134
1965: Total electric supply systems.....	3,614	472	986	2,156	<sup>2</sup> 2,114	42	( <sup>2</sup> )
Utilities with generating plants.....	1,139	243	75	821	764	8	49
Number of generating plants.....	3,290	1,827	165	1,298	1,006	160	132

<sup>1</sup> Public utility districts and State projects.  
<sup>2</sup> Municipal includes "Other publicly owned."

Source: Federal Power Commission; annual summaries.

No. 758. ELECTRIC ENERGY—SALES, BY GEOGRAPHIC DIVISION AND CLASS OF SERVICE: 1950 TO 1965

[In millions of kilowatt-hours. Prior to 1963, excludes Alaska and Hawaii. For States comprising each division, see table 759]

DIVISION AND CLASS	1950	1960	1964	1965	DIVISION AND CLASS	1950	1960	1964	1965
United States.....	290,897	686,493	896,059	959,493	South Atlantic.....	36,218	90,950	126,851	139,367
Residential.....	72,200	200,798	271,842	292,097	Residential.....	9,092	30,305	43,135	47,183
Commercial.....	52,091	132,892	186,884	200,738	Commercial.....	6,954	18,731	27,483	30,696
Industrial.....	144,479	321,332	405,049	432,316	Industrial.....	18,706	39,046	52,072	56,898
Other.....	22,127	31,472	32,284	34,342	Other.....	1,466	2,868	4,161	4,590
New England.....	14,083	26,921	34,406	37,289	East South Central.....	23,393	88,018	100,967	104,011
Residential.....	3,938	9,597	12,292	13,211	Residential.....	5,234	17,662	24,078	25,752
Commercial.....	2,620	5,641	7,623	8,317	Commercial.....	2,238	6,307	8,633	9,353
Industrial.....	7,085	10,861	13,383	14,603	Industrial.....	14,582	62,302	65,951	66,408
Other.....	439	822	1,108	1,158	Other.....	1,338	1,747	2,305	2,498
Middle Atlantic.....	59,430	103,228	135,122	145,209	West South Central.....	19,412	58,086	84,225	92,851
Residential.....	12,302	28,669	36,457	39,244	Residential.....	4,472	18,041	27,793	30,329
Commercial.....	11,826	24,290	31,480	33,743	Commercial.....	4,310	12,885	18,862	20,637
Industrial.....	30,008	43,142	59,018	63,695	Industrial.....	9,379	24,651	34,030	38,037
Other.....	5,293	7,127	8,167	8,527	Other.....	1,250	2,508	3,540	3,848
East North Central.....	65,298	149,402	186,042	197,258	Mountain.....	10,694	30,865	41,858	44,664
Residential.....	16,292	41,152	51,954	55,601	Residential.....	2,920	8,408	11,910	12,417
Commercial.....	9,789	25,049	33,590	36,140	Commercial.....	1,916	5,649	9,754	10,465
Industrial.....	34,880	77,163	93,605	98,127	Industrial.....	4,363	13,187	17,505	19,106
Other.....	4,337	6,038	6,893	7,390	Other.....	1,495	3,622	2,689	2,676
West North Central.....	18,793	42,210	56,363	60,067	Pacific.....	43,576	96,814	130,225	138,777
Residential.....	6,770	17,971	23,740	25,214	Residential.....	11,180	28,992	40,483	43,146
Commercial.....	3,943	9,097	12,485	13,380	Commercial.....	8,493	25,243	36,974	38,007
Industrial.....	6,948	13,861	18,587	19,872	Industrial.....	18,527	37,119	50,898	55,570
Other.....	1,132	1,280	1,551	1,601	Other.....	5,377	5,459	1,870	2,054

Source: Federal Power Commission; *Annual Report*, 1966.



**No. 759. ELECTRIC UTILITIES—INSTALLED GENERATING CAPACITY AND ELECTRIC ENERGY PRODUCTION, BY STATES: 1950 TO 1965**

[Installed capacity as of December 31; production for calendar years]

STATE	INSTALLED CAPACITY (1,000 kw.)				ENERGY PRODUCTION (mil. kw.-hr.)			
	1950	1955	1960	1965	1950	1955	1960	1965
<b>United States<sup>1</sup></b> .....	68,919	114,472	168,568	236,127	329,141	547,038	755,375	1,055,252
<b>New England</b> .....	4,052	5,271	7,045	8,905	16,211	22,610	28,808	39,985
Maine.....	415	623	743	874	1,680	2,405	2,966	3,789
New Hampshire.....	398	474	762	761	1,329	1,718	2,188	2,602
Vermont.....	204	261	261	304	735	981	842	753
Massachusetts.....	1,653	2,167	2,971	4,145	6,588	9,461	13,309	19,925
Rhode Island.....	359	401	427	427	1,656	1,955	1,699	1,318
Connecticut.....	1,022	1,345	1,880	2,394	4,223	6,091	7,804	11,598
<b>Middle Atlantic</b> .....	13,225	18,218	25,536	34,113	63,372	86,140	112,749	156,629
New York.....	6,257	8,469	11,821	16,942	29,452	39,533	51,897	73,168
New Jersey.....	2,053	2,914	4,538	6,417	9,921	12,306	17,730	27,195
Pennsylvania.....	4,916	6,835	9,178	10,754	24,000	34,301	43,122	56,267
<b>East North Central</b> .....	16,083	25,976	36,780	45,429	75,349	125,853	165,101	216,251
Ohio.....	4,430	7,459	10,612	12,050	21,967	35,955	49,489	57,256
Indiana.....	2,142	4,351	6,566	8,161	10,374	21,193	30,966	42,663
Illinois.....	4,506	6,955	9,354	12,479	20,686	35,997	43,085	55,917
Michigan.....	3,222	4,590	6,758	8,278	15,316	22,365	27,672	41,777
Wisconsin.....	1,783	2,622	3,490	4,461	7,006	10,343	13,888	18,638
<b>West North Central</b> .....	5,024	7,930	11,538	16,601	19,237	30,463	43,734	62,999
Minnesota.....	1,151	1,764	2,434	3,096	4,549	6,642	9,613	13,041
Iowa.....	1,173	1,554	2,011	2,600	4,428	6,212	7,927	9,883
Missouri.....	958	1,743	2,697	4,177	3,718	6,952	10,552	16,179
North Dakota.....	187	264	666	740	660	963	1,780	3,249
South Dakota.....	169	491	545	1,474	536	1,399	1,700	4,335
Nebraska.....	572	762	1,224	1,590	2,011	2,816	4,351	5,403
Kansas.....	814	1,353	1,960	2,925	3,335	5,478	7,810	10,908
<b>South Atlantic</b> .....	8,857	15,131	22,696	34,879	43,604	71,220	103,636	153,942
Delaware.....	28	224	425	602	20	1,366	2,262	3,253
Maryland.....	1,099	1,373	2,077	3,676	5,040	5,845	9,240	17,272
District of Columbia.....	508	533	533	537	1,669	1,627	976	564
Virginia.....	1,204	1,931	3,570	5,115	6,233	9,380	18,285	23,371
West Virginia.....	1,256	2,177	3,217	3,608	7,821	14,239	14,013	19,225
North Carolina.....	1,760	3,505	4,397	6,345	9,829	15,592	20,000	31,183
South Carolina.....	847	1,652	2,249	2,696	2,910	5,870	10,238	12,643
Georgia.....	1,156	1,675	2,236	4,158	5,235	7,705	10,655	16,158
Florida.....	999	2,062	3,992	8,142	4,847	9,593	17,967	30,273
<b>East South Central</b> .....	4,464	11,657	16,614	24,125	24,606	66,530	87,691	112,327
Kentucky.....	904	2,745	3,362	6,092	4,390	17,693	19,899	31,592
Tennessee.....	1,670	4,628	7,521	8,462	9,379	24,625	40,071	37,093
Alabama.....	1,690	3,654	4,700	8,320	9,577	21,348	24,594	38,428
Mississippi.....	200	631	1,032	1,251	1,260	2,864	3,127	5,214
<b>West South Central</b> .....	4,717	9,449	16,401	25,587	22,515	40,823	64,608	101,155
Arkansas.....	450	1,165	1,188	2,015	1,975	4,909	5,244	7,376
Louisiana.....	909	1,594	2,934	4,715	4,936	6,677	11,865	17,845
Oklahoma.....	723	1,260	2,225	3,092	2,927	5,337	8,299	12,928
Texas.....	2,636	5,430	10,054	15,765	12,676	23,900	39,200	63,006
<b>Mountain</b> .....	3,445	6,106	8,700	12,948	16,497	24,155	36,611	50,115
Montana.....	442	925	1,353	1,396	3,136	4,696	5,992	8,882
Idaho.....	445	781	1,255	1,255	2,538	3,907	6,165	6,641
Wyoming.....	139	236	382	866	595	724	1,588	3,670
Colorado.....	464	959	1,317	1,980	1,856	3,719	5,571	7,716
New Mexico.....	281	459	802	1,792	1,014	1,765	3,041	8,261
Arizona.....	843	1,626	2,266	3,575	3,489	5,535	8,562	8,726
Utah.....	235	523	606	796	659	2,377	3,038	2,947
Nevada.....	596	597	720	1,288	3,210	1,431	2,655	3,373
<b>Pacific<sup>1</sup></b> .....	9,054	14,733	23,256	33,540	47,751	79,245	112,437	161,849
Washington.....	2,765	4,074	7,215	9,330	17,371	24,030	34,153	49,101
Oregon.....	973	2,046	2,614	3,181	5,545	12,703	12,425	16,473
California.....	5,316	8,612	12,862	20,109	24,836	42,512	63,834	93,050
Alaska.....	(NA)	(NA)	117	224	(NA)	(NA)	359	713
Hawaii.....	(NA)	(NA)	449	695	(NA)	(NA)	1,666	2,512

NA Not available. <sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.

Source: Federal Power Commission; annual summaries and related monthly reports.

No. 760. ELECTRIC UTILITIES AND INDUSTRIAL PLANTS—INSTALLED GENERATING CAPACITY, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1965

[In thousands of kilowatts. As of December 31]

STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other <sup>1</sup>	
United States.....	254,519	210,030	44,490	192,345	43,782	236,127	177,570	15,407	43,150	18,393
New England.....	10,033	8,538	1,495	7,664	1,241	8,905	8,627	238	40	1,128
Maine.....	1,267	776	491	531	343	874	853	3	18	393
New Hampshire.....	844	403	441	366	395	761	757	4	—	83
Vermont.....	324	126	198	118	186	304	288	16	—	21
Massachusetts.....	4,608	4,385	223	3,963	182	4,145	3,970	165	9	464
Rhode Island.....	449	446	3	425	2	427	421	2	5	22
Connecticut.....	2,540	2,401	139	2,261	133	2,394	2,338	49	8	146
Middle Atlantic.....	36,126	31,311	4,815	29,372	4,741	34,113	30,714	266	3,133	2,013
New York.....	17,463	13,430	4,034	12,976	3,965	16,942	13,712	107	3,123	522
New Jersey.....	6,697	6,350	347	6,072	345	6,417	6,356	58	2	280
Pennsylvania.....	11,965	11,531	434	10,323	431	10,754	10,646	101	8	1,211
East North Central.....	49,939	49,053	886	44,632	798	45,429	42,552	2,337	540	4,510
Ohio.....	13,279	13,277	2	12,048	2	12,050	11,463	573	14	1,229
Indiana.....	9,324	9,295	29	8,132	29	8,161	7,800	361	—	1,163
Illinois.....	13,110	13,068	41	12,441	39	12,479	11,936	399	144	630
Michigan.....	9,346	8,954	392	7,922	356	8,278	7,356	813	108	1,068
Wisconsin.....	4,880	4,459	421	4,090	371	4,461	3,996	191	274	419
West North Central.....	17,407	14,426	2,982	13,660	2,940	16,601	10,369	2,623	3,608	807
Minnesota.....	3,542	3,359	183	2,946	150	3,096	2,559	440	97	446
Iowa.....	2,749	2,613	136	2,464	136	2,600	2,024	396	180	149
Missouri.....	4,291	3,490	801	3,376	801	4,177	3,247	591	339	114
North Dakota.....	755	355	400	340	400	740	249	16	475	14
South Dakota.....	1,482	263	1,219	263	1,210	1,474	223	40	1,210	9
Nebraska.....	1,595	1,357	238	1,352	238	1,590	—	342	1,247	5
Kansas.....	2,995	2,989	5	2,920	5	2,925	2,067	798	60	69
South Atlantic.....	38,094	32,924	5,170	29,885	4,994	34,879	31,067	1,935	1,878	3,216
Delaware.....	639	639	—	602	—	602	549	53	—	37
Maryland.....	3,914	3,420	494	3,182	494	3,676	3,609	60	7	238
Dist. of Columbia.....	549	546	3	534	3	537	534	—	3	13
Virginia.....	5,578	4,917	660	4,476	639	5,115	4,831	52	232	463
West Virginia.....	4,610	4,402	208	3,507	101	3,608	3,608	—	—	1,001
North Carolina.....	6,654	4,916	1,738	4,619	1,727	6,345	5,894	90	361	309
South Carolina.....	3,170	2,212	959	1,760	936	2,696	2,123	5	568	474
Georgia.....	4,508	3,439	1,069	3,101	1,056	4,158	3,536	—	622	350
Florida.....	8,472	8,433	39	8,103	39	8,142	6,383	1,674	85	331
East South Central.....	24,911	20,414	4,497	19,636	4,489	24,125	7,252	345	16,528	786
Kentucky.....	6,127	5,586	541	5,552	541	6,092	2,075	233	3,784	35
Tennessee.....	8,691	6,698	1,993	6,469	1,993	8,462	172	(Z)	8,290	229
Alabama.....	8,748	6,785	1,964	6,364	1,956	8,320	3,866	(Z)	4,453	429
Mississippi.....	1,345	1,345	—	1,251	—	1,251	1,140	112	—	94
West South Central.....	29,839	28,178	1,661	23,926	1,661	25,587	20,741	2,603	2,243	4,252
Arkansas.....	2,321	1,451	869	1,146	869	2,015	1,077	77	860	306
Louisiana.....	6,004	6,004	—	4,715	—	4,715	4,147	568	—	1,289
Oklahoma.....	3,145	2,789	355	2,737	355	3,092	2,415	153	525	52
Texas.....	18,370	17,933	436	15,328	436	15,765	13,101	1,805	858	2,605
Mountain.....	13,747	8,187	5,560	7,390	5,558	12,948	8,008	375	4,565	799
Montana.....	1,404	142	1,262	135	1,262	1,396	896	—	500	7
Idaho.....	1,295	44	1,251	4	1,251	1,255	1,033	13	209	40
Wyoming.....	893	681	212	653	212	866	645	2	219	27
Colorado.....	2,083	1,818	264	1,716	264	1,980	1,343	222	416	102
New Mexico.....	1,885	1,861	25	1,767	25	1,792	1,592	78	122	94
Arizona.....	3,811	2,156	1,655	1,920	1,655	3,575	1,279	2	2,294	236
Utah.....	1,042	834	208	588	207	796	614	55	127	246
Nevada.....	1,334	652	683	606	682	1,288	606	3	679	46
Pacific.....	34,423	16,999	17,424	16,181	17,359	33,540	18,239	4,686	10,615	883
Washington.....	9,646	529	9,117	240	9,090	9,330	1,093	1,120	7,117	316
Oregon.....	3,353	341	3,012	189	2,992	3,181	1,217	142	1,822	172
California.....	20,359	15,167	5,193	14,918	5,191	20,109	15,204	3,342	1,562	250
Alaska.....	261	179	82	142	82	224	30	—	114	37
Hawaii.....	803	784	19	692	3	695	695	—	—	108

- Represents zero. Z Less than 500 kw.  
<sup>1</sup> Includes Federal, State, public utility districts, and cooperatives.  
Source: Federal Power Commission; annual summaries and related monthly reports.



No. 761. ELECTRIC ENERGY—PRODUCTION, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1965  
[In millions of kilowatt-hours]

STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other <sup>1</sup>	
United States..	1,157,583	960,599	196,984	861,401	193,851	1,055,252	809,474	49,940	195,838	102,331
New England.....	44,078	39,402	4,677	36,326	3,659	39,985	39,180	654	151	4,093
Maine.....	5,854	3,788	2,066	2,417	1,372	3,789	3,729	14	46	2,065
New Hampshire.....	2,938	1,887	1,051	1,719	882	2,602	2,598	3	-	336
Vermont.....	821	107	714	92	661	753	704	48	-	68
Massachusetts.....	20,969	20,310	659	19,361	564	19,925	19,364	527	34	1,044
Rhode Island.....	1,396	1,394	2	1,317	1	1,318	1,277	(Z)	41	77
Connecticut.....	12,102	11,917	185	11,420	179	11,598	11,508	60	31	503
Middle Atlantic.....	166,189	145,303	20,886	136,050	20,579	156,629	139,460	843	16,327	9,560
New York.....	75,623	56,035	19,588	53,866	19,301	73,168	56,478	381	16,308	2,456
New Jersey.....	28,405	28,437	<sup>2</sup> 31	27,230	<sup>2</sup> 35	27,195	27,004	188	2	1,211
Pennsylvania.....	62,161	60,832	1,329	54,954	1,313	56,267	55,978	273	16	5,893
East North Central.....	239,449	235,219	4,230	212,497	3,754	216,251	206,887	6,845	2,519	23,198
Ohio.....	64,186	64,176	10	57,247	10	57,256	55,366	1,809	82	6,929
Indiana.....	48,085	47,992	94	42,569	94	42,663	41,690	972	-	5,423
Illinois.....	58,983	58,808	175	55,759	158	55,917	54,410	1,129	377	3,066
Michigan.....	47,492	45,677	1,815	40,109	1,667	41,777	38,703	2,482	592	5,715
Wisconsin.....	20,703	18,567	2,136	16,813	1,825	18,638	16,718	453	1,468	2,065
West North Central.....	67,452	57,130	10,322	52,895	10,104	62,999	43,897	5,758	13,344	4,453
Minnesota.....	15,653	14,560	1,093	12,126	915	13,041	11,813	944	284	2,611
Iowa.....	10,624	9,697	927	8,957	926	9,883	8,677	855	352	741
Missouri.....	16,773	15,970	802	15,377	802	16,179	13,568	1,393	1,219	593
North Dakota.....	3,312	815	2,497	752	2,497	3,249	620	5	2,624	63
South Dakota.....	4,373	501	3,873	500	3,835	4,335	496	11	3,828	38
Nebraska.....	5,415	4,299	1,116	4,288	1,115	5,403	-	638	4,766	12
Kansas.....	11,302	11,288	13	10,894	13	10,908	8,722	1,914	272	394
South Atlantic.....	172,880	157,597	15,283	139,411	14,531	153,942	142,253	5,871	5,818	18,938
Delaware.....	3,435	3,435	-	3,253	-	3,253	3,146	107	-	182
Maryland.....	18,698	17,558	1,141	16,132	1,140	17,272	17,084	150	38	1,426
Dist. of Columbia.....	614	611	3	561	3	564	561	-	3	50
Virginia.....	25,849	24,965	884	22,574	797	23,371	22,716	237	418	2,478
West Virginia.....	25,470	24,640	830	18,889	336	19,225	19,225	-	-	6,245
North Carolina.....	32,574	27,194	5,380	25,834	5,349	31,183	29,789	112	1,282	1,391
South Carolina.....	15,058	11,546	3,512	9,205	3,438	12,643	10,364	15	2,264	2,415
Georgia.....	18,777	15,542	3,235	12,987	3,170	16,158	14,760	-	1,398	2,619
Florida.....	32,405	32,107	298	29,975	298	30,273	24,609	5,250	414	2,132
East South Central.....	116,801	98,483	18,317	94,034	18,293	112,327	33,736	1,398	77,192	4,474
Kentucky.....	31,729	29,265	2,464	29,128	2,464	31,592	8,380	1,135	22,077	137
Tennessee.....	38,378	29,627	8,750	28,343	8,750	37,093	829	-	36,264	1,285
Alabama.....	40,740	33,637	7,103	31,350	7,078	38,428	19,576	-	18,852	2,312
Mississippi.....	5,954	5,954	-	5,214	-	5,214	4,951	263	-	740
West South Central.....	131,245	128,597	2,648	98,506	2,648	101,155	88,607	7,252	5,295	30,091
Arkansas.....	9,566	8,485	1,080	6,295	1,080	7,376	5,982	173	1,220	2,190
Louisiana.....	26,945	26,945	-	17,845	-	17,845	16,665	1,180	-	9,099
Oklahoma.....	13,166	12,342	825	12,103	825	12,928	10,935	380	1,613	238
Texas.....	81,569	80,825	743	62,262	743	63,006	55,026	5,518	2,462	18,563
Mountain.....	54,111	30,269	23,842	26,279	23,837	50,115	34,125	1,184	14,807	3,996
Montana.....	8,897	508	8,389	493	8,389	8,882	5,831	-	3,051	15
Idaho.....	6,802	161	6,641	(Z)	6,641	6,641	5,489	78	1,073	161
Wyoming.....	3,725	2,840	884	2,686	884	3,570	2,681	(Z)	889	155
Colorado.....	8,193	7,255	938	6,779	937	7,716	5,595	771	1,350	477
New Mexico.....	8,710	8,667	43	8,218	43	8,261	7,676	167	418	449
Arizona.....	9,941	5,502	4,439	4,287	4,439	8,726	2,751	10	5,964	1,215
Utah.....	4,325	3,412	913	2,037	910	2,947	2,276	154	518	1,378
Nevada.....	3,519	1,924	1,595	1,779	1,594	3,373	1,825	4	1,544	145
Pacific.....	165,378	68,599	96,779	65,403	96,446	161,849	81,329	20,134	60,386	3,529
Washington.....	50,260	966	49,294	<sup>2</sup> 3	49,105	49,101	3,733	3,596	41,772	1,159
Oregon.....	17,058	549	16,509	26	16,447	16,473	5,477	365	10,631	585
California.....	94,189	63,666	30,523	62,527	30,523	93,050	69,533	15,911	7,605	1,139
Alaska.....	948	598	350	363	350	713	73	263	377	235
Hawaii.....	2,924	2,819	104	2,491	22	2,512	2,512	-	-	411

- Represents zero. Z Less than 500,000 kw.-hr.

<sup>1</sup> Includes Federal, State, public utility districts, and cooperatives. <sup>2</sup> Deduct.

Source: Federal Power Commission; annual summaries and related monthly reports.



No. 762. ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1940 TO 1966

[Prior to 1960, excludes Alaska and Hawaii]

CLASS	1940	1950	1955	1960	1965	1966
Energy generated <sup>1</sup> .....mil. kw.-hr..	141,837	329,141	547,038	755,375	1,055,252	<sup>2</sup> 1,143,737
Sales to ultimate customers.....mil. kw.-hr.	<sup>3</sup> 118,643	<sup>3</sup> 280,539	480,921	683,199	953,414	1,038,982
Residential or domestic.....mil. kw.-hr..	23,317	67,030	125,371	196,400	280,970	306,572
Commercial and industrial:						
Small light and power.....mil. kw.-hr..	22,373	50,446	77,880	114,806	202,112	225,878
Large light and power.....mil. kw.-hr..	59,557	139,065	257,937	344,799	433,365	465,077
All other.....mil. kw.-hr..	11,405	16,598	19,733	27,194	36,967	41,455
Revenue from ultimate customers.....mil. dol.	<sup>3</sup> 2,440	<sup>3</sup> 5,086	8,020	11,516	15,158	16,196
Residential or domestic.....mil. dol.	896	1,932	3,323	4,856	6,329	6,734
Commercial and industrial:						
Small light and power.....mil. dol.	689	1,334	1,944	2,828	4,313	4,649
Large light and power.....mil. dol.	631	1,405	2,416	3,334	3,885	4,135
All other.....mil. dol.	174	258	337	498	631	678
Ultimate customers, Dec. 31.....1,000	<sup>3</sup> 30,191	<sup>3</sup> 44,986	52,559	58,870	65,558	66,905
Residential or domestic.....1,000	24,952	37,533	45,828	51,446	57,596	58,821
Commercial and industrial:						
Small light and power.....1,000	4,260	5,466	6,156	6,760	7,420	7,536
Large light and power.....1,000	178	235	402	454	310	316
All other.....1,000	115	157	173	210	232	232

<sup>1</sup> Figures obtained by Edison Electric Institute from Federal Power Commission.   <sup>2</sup> Preliminary.  
<sup>3</sup> Rural included in total only.

Source: Edison Electric Institute, New York, N.Y.; *Statistical Year Book*.

No. 763. WATER POWER—DEVELOPED, 1950 TO 1965, AND ESTIMATED UNDEVELOPED, 1965, BY STATES

[In thousands of kilowatts. As of December 31]

STATE	DEVELOPED WATER POWER <sup>1</sup> (CAPACITY OF ACTUAL INSTALLATIONS ONLY)			Esti- mated undevel- oped water power, 1965	STATE	DEVELOPED WATER POWER <sup>1</sup> (CAPACITY OF ACTUAL INSTALLATIONS ONLY)			Esti- mated undevel- oped water power, 1965
	1950	1960	1965			1950	1960	1965	
U.S.....	<sup>2</sup> 18,675	33,180	44,490	124,087	S.A.—Con.				
N.E.....	1,239	1,520	1,495	3,240	W. Va.....	208	208	208	2,144
Maine.....	391	495	491	1,771	N.C.....	962	1,220	1,738	983
N.H.....	312	445	441	689	S.C.....	679	958	959	2,053
Vt.....	192	199	198	347	Ga.....	425	653	1,069	2,538
Mass.....	223	227	223	248	Fla.....	13	42	39	107
R.I.....	11	3	3	-	E.S.C.....	2,729	3,750	4,497	4,287
Conn.....	107	151	139	185	Ky.....	271	541	541	1,592
M.A.....	1,678	2,472	4,815	4,936	Tenn.....	1,238	1,910	1,993	563
N.Y.....	1,225	2,028	4,034	1,623	Ala.....	1,220	1,299	1,964	1,978
N.J.....	9	8	347	241	Miss.....	-	-	-	154
Pa.....	444	436	434	3,122	W.S.C.....	466	944	1,661	3,056
E.N.C.....	901	929	886	1,351	Ark.....	148	388	869	1,044
Ohio.....	16	9	2	252	La.....	-	-	-	20
Ind.....	37	31	29	396	Okla.....	74	165	355	882
Ill.....	54	42	41	206	Tex.....	245	391	436	1,110
Mich.....	399	419	392	272	Mt.....	2,286	4,621	5,560	26,530
Wis.....	396	427	421	225	Mont.....	427	1,235	1,262	6,910
W.N.C.....	629	1,594	2,982	4,146	Idaho.....	441	1,251	1,251	10,720
Minn.....	181	186	183	142	Wyo.....	79	189	212	1,101
Iowa.....	137	136	136	382	Colo.....	92	253	264	2,477
Mo.....	151	293	801	1,998	N. Mex.....	25	25	25	171
N. Dak.....	-	400	400	195	Ariz.....	541	980	1,655	3,914
S. Dak.....	11	333	1,219	478	Utah.....	94	100	208	1,207
Nebr.....	142	240	238	648	Nev.....	587	587	683	30
Kans.....	6	6	5	303	Pac.....	<sup>2</sup> 5,979	13,578	17,424	66,514
S.A.....	2,767	3,773	5,170	9,977	Wash.....	2,591	7,002	9,117	19,256
Del.....	1	1	-	-	Oreg.....	783	2,434	3,012	5,856
Md.....	272	272	494	163	Calif.....	2,606	4,054	5,193	13,233
D.C.....	3	3	3	-	Alaska.....	(NA)	67	82	28,159
Va.....	207	416	660	1,989	Hawaii.....	(NA)	21	19	10

- Represents zero.   NA Not available.  
<sup>1</sup> Electric utilities and industrial plants.   <sup>2</sup> Excludes Alaska and Hawaii.

Source: Federal Power Commission; annual summaries and related monthly reports.

# **No. 764. FEDERAL ELECTRIC UTILITY PROJECTS—INSTALLED CAPACITY AND INVESTMENT ALLOCATED TO ELECTRIC PLANT: 1955, 1960, AND 1965**

[As of June 30. Prior to 1960, excludes Alaska and Hawaii. Comprises only the electricity generating plant of these projects and excludes projects not primarily manufacturing electricity (e.g., West Point, Annapolis). Investments represent allocation to power projects for capital equipment and improvements. Reserves for depreciation have not been deducted]

PROJECT GROUP OR SYSTEM	INSTALLED CAPACITY (1,000 kw.)			INVESTMENT ALLOCATED <sup>1</sup> (\$1,000)		
	1955	1960	1965	1955	1960	1965
<b>Total</b> .....	<b>15,033</b>	<b>22,616</b>	<b>29,317</b>	<b>3,811,843</b>	<b>5,397,699</b>	<b>7,924,875</b>
Percent capacity of all electric utilities.....	13.1	13.5	12.8	(X)	(X)	(X)
Central Valley: Bureau of Reclamation.....	522	630	1,014	134,081	137,861	293,567
Columbia Basin.....	3,619	6,063	6,544	1,020,600	1,607,100	2,245,473
Bonneville Power Administration (transmission).....	—	—	—	368,914	479,913	613,627
Bureau of Reclamation.....	2,259	2,282	2,282	218,084	277,200	675,707
Corps of Engineers.....	1,360	3,781	4,262	433,602	849,987	956,139
Hoover and Parker-Davis: Bureau of Reclamation.....	1,595	1,595	1,690	205,598	208,635	217,073
Missouri Basin.....	687	1,142	2,258	369,577	661,373	1,120,927
Bureau of Reclamation.....	362	397	678	214,278	304,212	520,197
Corps of Engineers.....	325	745	1,580	155,299	357,161	600,730
Southeastern Power Administration.....	1,031	1,271	1,677	259,142	410,111	547,391
Southeastern Power Administration (transmission).....	—	—	—	63	88	107
Corps of Engineers.....	1,031	1,271	1,677	259,079	410,023	547,284
Southwestern Power Administration.....	426	601	1,242	144,629	230,192	338,414
Southwestern Power Administration (transmission).....	—	—	—	23,444	27,108	37,077
Corps of Engineers.....	426	601	1,242	121,185	203,084	351,337
Tennessee Valley Authority.....	7,005	11,032	13,923	1,634,057	2,054,316	2,685,186
Other projects.....	148	282	969	44,159	88,110	426,844
Bureau of Reclamation.....	83	218	905	20,483	61,941	399,740
Corps of Engineers.....	18	18	18	11,834	11,846	11,885
Bureau of Indian Affairs.....	15	14	14	6,342	7,602	8,498
International Boundary and Water Commission.....	32	32	32	5,500	6,721	6,721

— Represents zero. X Not applicable. <sup>1</sup> Includes estimates.

Source: Federal Power Commission; unpublished data.

## **No. 765. RURAL ELECTRIFICATION ADMINISTRATION—ELECTRIC PROGRAM, SUMMARY OF OPERATIONS: 1940 TO 1966**

[Includes data from date of first loan to borrowers in Virgin Islands (1940) and Puerto Rico (1952)]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966 <sup>1</sup>
<b>Loans approved, cumulative, Dec. 31: <sup>2</sup></b>								
Borrowers <sup>3</sup> .....	791	1,076	1,077	1,087	1,101	1,105	1,103	1,101
Amount.....mil. dol.....	351	2,312	3,125	4,256	5,073	5,477	5,793	6,145
<b>Systems in operation, Dec. 31: <sup>4</sup></b>								
Systems <sup>5</sup> .....	685	1,007	1,026	1,038	1,046	1,051	1,052	1,051
Miles energized <sup>6</sup> .....1,000.....	268	1,089	1,362	1,465	1,527	1,547	1,566	1,587
Consumers served.....1,000.....	674	3,413	4,251	4,826	5,238	5,386	5,541	5,695
<b>Borrowers' operations during year: <sup>7</sup></b>								
Energy generated.....mil. kw.-hr.....	(NA)	1,077	3,255	4,922	7,002	8,039	8,833	10,420
Energy purchased.....mil. kw.-hr.....	(NA)	7,270	14,996	26,057	33,005	36,907	39,104	43,020
Energy sold.....mil. kw.-hr.....	(NA)	6,884	15,739	27,269	35,357	39,837	42,668	47,924
Revenue.....mil. dol.....	(NA)	229	420	615	746	802	847	902
Average monthly consumption per consumer:								
All consumers.....kw.-hr.....	(NA)	180	306	466	565	616	654	687
Residential consumers <sup>8</sup> .....kw.-hr.....	(NA)	147	242	357	425	456	479	507
Total utility plant.....mil. dol.....	(NA)	(NA)	2,706	3,697	4,406	4,696	4,978	5,270
Employees.....	(NA)	(NA)	(NA)	(NA)	29,816	30,779	31,702	32,600

NA Not available. <sup>1</sup> Preliminary, except loans approved.

<sup>2</sup> Net; i.e., excludes loans rescinded. For 1940, includes amounts not yet under loan contract.

<sup>3</sup> Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made.

<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Dec. 31, 1966, there were 63 such borrowers, with 25,046 miles energized and 138,026 consumers served.

<sup>5</sup> Rural electric distribution, generation, and transmission systems operated by REA borrowers.

<sup>6</sup> Pole miles of electric distribution and transmission line in service.

<sup>7</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.

<sup>8</sup> Includes rural-nonfarm and farm consumers.

Source: Dept. of Agriculture, Rural Electrification Administration; *Annual Statistical Report—Rural Electrification Borrowers*.



## No. 766. CONSUMPTION OF FUELS BY ELECTRIC UTILITIES: 1940 TO 1966

[Prior to 1963, excludes Alaska and Hawaii. Includes use of fuels for stand-by purposes. See also *Historical Statistics, Colonial Times to 1957*, series S 36-43]

YEAR	Net generation by fuel <sup>1</sup>	FUEL CONSUMED								
		Total coal equivalent	Coal			Oil	Gas	Per kilowatt-hour		
			Total <sup>2</sup>	Bituminous <sup>2</sup>	Anthracite			Coal	Oil	Gas
	Mil. kw.-hr.	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 42-gal. bbl.	Mil. cu. ft.	Lb.	Gal.	Cu. ft.
1940-----	93,963	62,942	51,474	49,126	2,348	16,325	180,096	1.34	0.112	16.5
1945-----	142,331	92,642	74,725	71,603	3,122	20,228	326,212	1.30	0.109	16.5
1950-----	232,813	138,421	91,871	88,262	3,609	75,420	628,919	1.19	0.094	14.1
1955-----	433,786	206,929	143,759	140,550	3,209	75,274	1,153,280	0.95	0.085	12.1
1960-----	607,142	266,064	176,634	173,882	2,751	85,340	1,724,762	0.88	0.078	10.9
1963-----	751,038	321,341	211,332	209,193	2,139	93,314	2,144,473	0.856	0.075	10.6
1964-----	806,917	345,666	225,425	223,186	2,239	101,141	2,322,896	0.857	0.075	10.6
1965-----	861,401	369,331	244,788	242,630	2,158	115,203	2,321,101	0.858	0.075	10.5
1966 (prel.)--	949,254	412,428	266,395	264,203	2,192	140,944	2,608,768	0.869	0.075	10.4

<sup>1</sup> Includes following kw.-hr., in millions: Nuclear power—3,212 in 1963, 3,343 in 1964, 3,657 in 1965, and 5,521 in 1966; wood, waste, and geothermal power—296 in 1963, 352 in 1964, 458 in 1965, and 521 in 1966.

<sup>2</sup> Includes lignite.

Source: Federal Power Commission; annual summaries and related monthly reports.

## No. 767. ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED COMPANIES: 1940 TO 1965

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Data cover reports of all companies with annual electric revenues over \$1 million representing about 98 percent of the investor-owned industry. See also *Historical Statistics, Colonial Times to 1957*, series V 128-142]

ITEM	1940	1945	1950	1955	1960	1964	1965
COMPOSITE BALANCE SHEET							
Assets and other debits-----	15,477	14,452	20,523	30,992	44,742	53,753	56,395
Electric utility plant-----	10,447	12,176	18,956	30,307	45,456	56,327	59,703
Accumulated provisions for depreciation and amortization-----	(NA)	(NA)	3,832	5,713	8,889	12,575	13,631
Net electric utility plant-----	(NA)	(NA)	15,124	24,594	36,567	43,752	46,072
Other utility plant-----	13,960	12,315	2,485	3,402	4,852	6,189	6,612
Accumulated provisions for depreciation and amortization-----	(NA)	(NA)	534	678	963	1,297	1,417
Net other utility plant-----	(NA)	(NA)	1,951	2,724	3,889	4,892	5,195
Total utility plant-----	14,407	14,491	21,441	33,709	50,308	62,516	66,315
Accumulated provisions for depreciation and amortization-----	1,913	3,045	4,366	6,391	9,852	13,872	15,048
Net total utility plant-----	12,494	11,446	17,075	27,318	40,456	48,644	51,267
Other property and investments-----	1,380	1,090	1,237	933	1,004	1,211	1,247
Current and accrued assets-----	1,123	1,672	2,058	2,567	3,066	3,634	3,639
Deferred debits-----	480	244	153	174	216	264	242
Liabilities and other credits-----	15,477	14,452	20,523	30,992	44,742	53,753	56,395
Capital stock-----	6,471	5,950	7,621	10,404	13,322	15,621	15,668
Other paid-in capital <sup>2</sup> -----	255	282	589	1,083	1,747	2,148	2,622
Earned surplus-----	860	766	1,346	2,191	3,736	5,142	5,712
Long-term debt-----	6,895	6,118	9,179	14,316	21,035	24,539	25,502
Current and accrued liabilities-----	692	965	1,527	2,381	3,112	3,736	4,222
Deferred credits and operating reserves-----	261	325	195	247	277	475	546
Contributions in aid of construction-----	43	46	66	109	188	262	294
Accumulated deferred income taxes-----	-	-	-	261	1,325	1,780	1,829
COMPOSITE INCOME ACCOUNTS							
Electric operating revenues-----	2,404	3,171	4,784	7,199	10,116	12,673	13,400
Electric operating expenses-----	1,667	2,408	3,828	5,702	7,917	9,796	10,296
Net electric operating revenues-----	737	763	956	1,497	2,199	2,877	3,104
Income from electric plant leased to others-----	7	5	5	3	2	2	3
Electric utility operating income-----	744	768	961	1,500	2,201	2,879	3,107
Other utility operating income-----	61	65	72	120	196	277	302
Total utility operating income-----	805	833	1,033	1,620	2,397	3,156	3,409
Other income-----	68	54	68	63	79	121	97
Total income-----	873	887	1,101	1,683	2,476	3,277	3,506
Income deductions-----	325	353	279	439	693	884	925
Net income-----	548	534	822	1,244	1,783	2,393	2,581

-- Represents zero. NA Not available.

<sup>1</sup> Includes amounts unclassified as to utility departments: \$2,309 million in 1940 and \$491 million in 1945.

<sup>2</sup> Includes premium on capital stock, capital stock discount and expense, other capital stock items, and re-acquired capital stock.

Source: Federal Power Commission; annual report, *Statistics of Electric Utilities in the United States*.



# No. 768. GAS UTILITY AND PIPELINE INDUSTRY—BALANCE SHEET AND INCOME ACCOUNT: 1940 TO 1965

[In millions of dollars. Prior to 1960, excludes Hawaii, and 1962, Alaska. Represents companies owned by private investors. Excludes operations of companies distributing gas in bottles or in tanks]

ITEM	1940	1945	1950	1955	1960	1963	1964	1965
<b>COMPOSITE BALANCE SHEET</b>								
<b>Assets and other debits</b> -----	<b>4,980</b>	<b>5,610</b>	<b>9,010</b>	<b>15,435</b>	<b>24,570</b>	<b>29,535</b>	<b>31,000</b>	<b>32,845</b>
Utility plant and adjustments-----	4,330	4,770	7,620	13,305	20,835	25,055	26,410	28,205
Investment and fund accounts-----	200	185	360	525	1,380	1,660	1,775	1,885
Current and accrued assets-----	360	590	970	1,465	2,185	2,610	2,605	2,545
Deferred debits <sup>1</sup> -----	90	65	60	140	170	210	210	210
<b>Liabilities and other credits</b> -----	<b>4,980</b>	<b>5,610</b>	<b>9,010</b>	<b>15,435</b>	<b>24,570</b>	<b>29,535</b>	<b>31,000</b>	<b>32,845</b>
Capital stock-----	1,740	1,705	2,405	3,905	5,785	6,765	6,985	7,115
Long-term debt-----	1,575	1,495	3,145	5,900	9,130	10,605	11,070	11,515
Current and accrued liabilities-----	245	350	735	1,390	2,420	2,940	2,850	3,035
Reserve for depreciation, retirement, depletion, etc-----	870	1,400	1,740	2,775	4,570	6,045	6,615	7,205
Capital surplus-----	(NA)	120	135	200	145	120	100	175
Retained income-----	(NA)	375	720	1,040	1,880	2,140	2,415	2,715
Other liabilities and credits-----	550	165	130	225	640	920	965	1,085
<b>COMPOSITE INCOME ACCOUNT</b>								
Operating revenues-----	1,054	1,363	2,553	5,063	8,696	10,435	11,074	11,525
Operating revenue deductions-----	839	1,152	2,182	4,398	7,587	9,136	9,701	10,063
Net operating revenues-----	215	211	371	665	1,109	1,299	1,373	1,462
Income from utility plant leased to others-----	-1	(Z)	1	2	3	6	7	7
Utility operating income-----	214	211	372	667	1,112	1,305	1,380	1,469
Other income (nonoperating)-----	9	15	33	48	110	104	179	157
Gross income-----	223	226	405	715	1,222	1,409	1,559	1,626
Income deductions-----	78	74	83	206	392	519	496	519
Net income-----	145	152	317	509	830	890	1,063	1,107

NA Not available. Z Less than \$500,000.

<sup>1</sup> Includes capital stock discount and expense and reacquired securities. Beginning 1960, reacquired securities are deducted from the appropriate capital account.

Source: American Gas Association, New York, N.Y.; yearbook, *Gas Facts*.

# No. 769. GAS UTILITY INDUSTRY—SUMMARY: 1945 TO 1966

[Prior to 1960, excludes Hawaii, and 1962, Alaska. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately owned gas utilities and municipally owned gas departments in the United States, except those with annual revenues less than \$25,000, which in the aggregate account for only a negligible portion of the industry]

ITEM	1945	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>Customers<sup>1</sup></b> -----1,000--	<b>19,977</b>	<b>24,001</b>	<b>28,479</b>	<b>33,054</b>	<b>34,683</b>	<b>35,551</b>	<b>36,463</b>	<b>37,338</b>	<b>38,193</b>
Residential-----	18,607	22,146	26,283	30,418	31,893	32,711	33,551	34,341	35,102
Commercial-----	1,278	1,739	2,043	2,453	2,598	2,640	2,712	2,790	2,873
Industrial-----	80	99	121	141	156	162	159	166	175
Other-----	13	17	23	37	37	39	41	41	43
<b>Sales</b> -----mil. therms <sup>2</sup> --	<b>25,868</b>	<b>42,090</b>	<b>66,586</b>	<b>92,876</b>	<b>102,348</b>	<b>107,663</b>	<b>115,912</b>	<b>120,131</b>	<b>128,124</b>
Residential-----	7,749	13,839	22,387	31,881	35,369	36,680	38,697	40,016	41,053
Commercial-----	2,497	4,104	6,029	9,198	10,929	11,366	12,735	13,458	14,376
Industrial-----	14,523	22,887	35,351	47,094	51,001	54,381	59,120	61,741	66,741
Other-----	1,098	1,261	2,819	4,704	5,049	5,236	5,360	4,916	5,954
<b>Revenues<sup>3</sup></b> -----mil. dol--	<b>1,153</b>	<b>1,948</b>	<b>3,450</b>	<b>5,617</b>	<b>6,445</b>	<b>6,727</b>	<b>7,133</b>	<b>7,415</b>	<b>7,771</b>
Residential-----	705	1,177	2,007	3,177	3,603	3,728	3,895	4,030	4,121
Commercial-----	149	266	424	723	874	910	998	1,054	1,117
Industrial-----	281	480	938	1,563	1,796	1,906	2,049	2,156	2,321
Other-----	18	26	81	153	171	183	191	176	212
<b>Mileage of gas mains</b> -----	<b>310,670</b>	<b>387,470</b>	<b>496,740</b>	<b>630,950</b>	<b>683,230</b>	<b>709,940</b>	<b>736,220</b>	<b>767,990</b>	<b>797,700</b>
Field and gathering-----	27,000	32,850	45,680	55,850	58,680	60,720	61,010	62,110	64,600
Transmission-----	82,190	113,050	145,970	183,660	196,380	200,940	205,400	211,360	217,600
Distribution-----	201,480	241,570	305,090	391,440	428,170	448,280	469,810	494,520	515,500
Natural gas-----	218,000	314,480	448,770	607,980	663,560	694,360	724,510	757,150	787,110
Manufactured gas-----	72,000	55,420	11,960	1,570	1,500	1,490	1,460	1,430	1,190
Mixed gas-----	18,660	11,990	31,440	19,450	16,460	12,810	8,980	8,380	8,380
Liquefied petroleum gas-----	2,010	5,580	4,570	1,950	1,710	1,280	1,270	1,030	1,020

<sup>1</sup> Yearly averages.

<sup>2</sup> A therm is equivalent to 100,000 British thermal units. (A B.t.u. is the quantity of heat required to raise the temperature of 1 pound of water 1° F. at or near its point of maximum density.)

<sup>3</sup> Excludes revenues from sales for resale.

Source: American Gas Association, New York, N.Y.; yearbook, *Gas Facts*.

# No. 770. GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY TYPE OF GAS, CLASS OF SERVICE, AND STATES: 1965

[See headnote, table 769]

TYPE OF GAS AND STATE	CUSTOMERS <sup>1</sup> (1,000)					REVENUES <sup>2</sup> (mil. dol.)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
<b>United States <sup>3</sup></b>	<b>37,337.5</b>	<b>34,340.8</b>	<b>2,789.7</b>	<b>166.2</b>	<b>40.8</b>	<b>7,415</b>	<b>4,030</b>	<b>1,054</b>	<b>2,156</b>	<b>176</b>
Natural gas <sup>4</sup>	36,536.6	33,591.3	2,741.6	163.8	39.9	7,278	3,938	1,035	2,131	175
Manufactured gas	128.2	119.0	8.4	0.7	0.1	19	13	3	3	(Z)
Mixed gas	617.7	579.5	35.7	1.7	0.8	111	74	14	22	1
L.P. gas	55.0	51.0	4.0	(Z)	(Z)	6	5	1	(Z)	(Z)
<b>New England</b>	<b>1,641.6</b>	<b>1,533.9</b>	<b>96.9</b>	<b>10.0</b>	<b>0.8</b>	<b>275</b>	<b>197</b>	<b>42</b>	<b>33</b>	<b>3</b>
Connecticut	378.8	352.0	24.3	2.5	(Z)	67	44	10	12	(Z)
Maine	28.5	27.1	1.4	(Z)	-	4	3	1	(Z)	-
Massachusetts	1,024.7	958.3	60.1	5.6	0.7	171	127	26	16	2
New Hampshire	40.2	37.5	2.4	0.2	0.1	7	5	1	1	(Z)
Rhode Island	154.5	144.7	8.1	1.7	(Z)	25	17	4	4	(Z)
Vermont	14.9	14.3	0.6	-	-	1	1	(Z)	-	-
<b>Middle Atlantic</b>	<b>7,919.6</b>	<b>7,328.2</b>	<b>549.8</b>	<b>30.2</b>	<b>11.4</b>	<b>1,342</b>	<b>873</b>	<b>201</b>	<b>251</b>	<b>17</b>
New Jersey	1,640.6	1,484.1	150.5	5.0	(Z)	269	184	47	37	(Z)
New York	4,076.5	3,781.4	270.7	16.0	8.4	571	396	94	69	12
Pennsylvania	2,202.5	2,062.7	128.6	8.2	3.0	503	293	59	145	5
<b>East North Central</b>	<b>8,400.3</b>	<b>7,764.0</b>	<b>593.7</b>	<b>35.3</b>	<b>7.3</b>	<b>1,996</b>	<b>1,170</b>	<b>300</b>	<b>510</b>	<b>15</b>
Illinois	2,634.6	2,456.3	163.9	14.1	0.3	556	351	80	125	(Z)
Indiana	933.8	850.2	79.9	3.3	0.4	218	109	31	78	1
Michigan	1,732.9	1,590.5	134.2	8.2	(Z)	434	267	71	96	(Z)
Ohio	2,424.2	2,241.3	171.0	5.3	6.6	625	351	95	168	10
Wisconsin	674.8	625.7	44.7	4.4	(Z)	162	92	23	44	4
<b>West North Central</b>	<b>3,074.7</b>	<b>2,790.0</b>	<b>264.2</b>	<b>19.7</b>	<b>0.8</b>	<b>702</b>	<b>376</b>	<b>113</b>	<b>202</b>	<b>10</b>
Iowa	541.9	484.7	55.6	1.6	(Z)	127	72	26	27	2
Kansas	586.5	533.8	48.7	3.7	0.3	125	50	13	60	2
Minnesota	560.9	516.1	40.5	4.2	0.1	157	91	24	41	1
Missouri	933.4	859.9	69.1	4.3	0.1	187	109	29	47	2
Nebraska	330.2	288.3	36.2	5.5	0.2	78	39	14	24	2
North Dakota	47.4	41.7	5.6	0.1	(Z)	11	6	4	1	(Z)
South Dakota	74.4	65.5	8.5	0.3	0.1	17	10	5	3	(Z)
<b>South Atlantic</b>	<b>2,995.6</b>	<b>2,744.1</b>	<b>232.2</b>	<b>13.1</b>	<b>6.2</b>	<b>632</b>	<b>325</b>	<b>92</b>	<b>205</b>	<b>10</b>
Delaware	73.3	68.8	4.4	0.1	(Z)	16	9	2	4	(Z)
Dist. of Columbia	172.4	152.1	17.8	0.9	1.6	30	20	8	1	1
Florida	294.2	271.5	21.7	0.5	0.5	73	18	13	41	1
Georgia	670.9	619.7	46.6	4.2	0.4	128	66	17	44	1
Maryland	639.6	596.1	40.0	2.7	0.8	113	79	13	20	1
North Carolina	193.2	168.6	22.6	1.9	0.1	55	21	9	24	1
South Carolina	154.7	137.8	15.8	0.8	0.3	43	15	6	22	(Z)
Virginia	432.7	396.8	33.5	1.4	1.0	89	54	15	18	3
West Virginia	364.6	332.7	29.8	0.6	1.5	85	42	10	30	2
<b>East South Central</b>	<b>1,699.6</b>	<b>1,535.3</b>	<b>152.5</b>	<b>5.5</b>	<b>6.3</b>	<b>374</b>	<b>156</b>	<b>52</b>	<b>154</b>	<b>12</b>
Alabama	522.1	483.7	35.7	1.2	1.5	114	49	13	52	(Z)
Kentucky	506.0	460.3	43.4	0.8	1.5	100	53	14	28	3
Mississippi	310.6	275.7	31.9	1.5	1.5	68	21	7	37	3
Tennessee	360.9	315.6	41.5	2.0	1.8	92	32	18	37	6
<b>West South Central</b>	<b>4,329.9</b>	<b>3,918.2</b>	<b>374.4</b>	<b>32.3</b>	<b>5.0</b>	<b>771</b>	<b>280</b>	<b>74</b>	<b>394</b>	<b>23</b>
Arkansas	362.1	318.4	41.2	2.4	0.1	83	27	10	45	1
Louisiana	804.7	743.2	57.9	2.7	0.9	166	44	9	110	3
Oklahoma	648.7	584.9	59.9	3.7	0.2	103	51	15	29	8
Texas	2,514.4	2,271.7	215.4	23.5	3.8	419	158	40	210	12
<b>Mountain</b>	<b>1,587.3</b>	<b>1,417.6</b>	<b>160.2</b>	<b>6.6</b>	<b>2.9</b>	<b>326</b>	<b>148</b>	<b>54</b>	<b>115</b>	<b>9</b>
Arizona	374.1	337.9	33.5	1.9	0.8	66	27	9	27	3
Colorado	485.7	428.0	56.8	0.6	0.3	88	44	21	22	1
Idaho	52.2	44.0	7.7	0.5	-	20	6	3	10	-
Montana	137.6	122.0	15.0	0.6	(Z)	32	15	7	9	1
Nevada	47.8	45.4	2.2	0.2	(Z)	18	6	2	9	(Z)
New Mexico	203.8	182.5	17.7	2.1	1.5	44	17	5	18	3
Utah	211.9	193.0	18.4	0.5	(Z)	44	25	3	16	(Z)
Wyoming	74.2	64.8	8.9	0.2	0.3	15	7	3	5	(Z)
<b>Pacific <sup>3</sup></b>	<b>5,688.9</b>	<b>5,309.5</b>	<b>365.8</b>	<b>13.5</b>	<b>0.1</b>	<b>998</b>	<b>504</b>	<b>125</b>	<b>292</b>	<b>76</b>
California	6.1	5.0	0.9	0.2	(Z)	5	2	1	1	1
Oregon	5,311.1	4,980.8	319.4	10.8	0.1	876	457	102	242	75
Washington	36.2	33.8	2.0	0.4	-	6	3	1	2	-
Alaska <sup>4</sup>	146.2	128.2	16.8	1.2	(Z)	42	18	8	17	(Z)
Hawaii	189.3	161.7	26.7	0.9	(Z)	69	25	14	31	(Z)

- Represents zero. Z Customers, less than 50; revenues, less than \$500,000.

<sup>1</sup> Averages for the year. <sup>2</sup> Excludes revenues from sales for resale.<sup>3</sup> Natural gas only included for Alaska. <sup>4</sup> Natural gas only.Source: American Gas Association, New York, N.Y.; yearbook, *Gas Facts*.



## Section 20

### Science

This section presents statistics relating to various aspects of scientific and technical activity. Major topics are research and development, training and employment of scientists and engineers, atomic energy, space vehicles, and patents and trademarks. Principal sources of these data are the National Science Foundation, the Atomic Energy Commission, and the National Aeronautics and Space Administration.

The National Science Foundation gathers data chiefly through recurring statistical surveys and the National Register of Scientific and Technical Personnel (see below). Current Foundation publications containing data on funds for research and development and on scientific and engineering personnel include the bulletin series, *Reviews of Data on Science Resources*; the regular reports, *Federal Funds for Research, Development, and Other Scientific Activities*; *Basic Research, Applied Research, and Development in Industry*, and *American Science Manpower*; occasional reports relating to colleges and universities, and other nonprofit institutions; special reports such as *Scientific Manpower From Abroad*; and policy reports relating to national allocation of manpower and funds to science and technology. Statistical surveys in these areas pose particularly difficult problems of concept and definition and the data should, therefore, be regarded as broad estimates rather than precise quantitative statements. Detailed discussions of the scope and limitations of the data appear in the source publications.

Neither the National Aeronautics and Space Administration nor the Atomic Energy Commission publish any statistical reports as such. NASA's *Semiannual Report* contains current data on finances and its biweekly *Satellite Situation Report* presents information on artificial satellites, including both objects in orbit and decayed objects; and its one-page *Space Activities Summary*, issued for each space vehicle it launches, gives data on the launching vehicle, its payload, and its performance. The Atomic Energy Commission's annual and semiannual reports contain data on atomic energy, equipment, finances, and licenses.

Other sources of statistics on scientific and technical activities include *The Budget of the United States Government*, which contains summary financial data on all Federal research and development programs; the report series *Resources for Medical Research*, issued by the Public Health Service of the Department of Health, Education, and Welfare, and designed to present timely information on funds, manpower, facilities, and institutions devoted to medical and health-related research; and the *Annual Report of the Commissioner of Patents*, issued by the Department of Commerce's Patent Office and presenting data on patent applications and issuances and on trademark registrations and renewals.

**Research and development.**—The National Science Foundation defines research as a “systematic and intensive study directed toward a fuller knowledge of the subject studied” and development as “the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, methods, or processes.” The data on funds are presented within the framework of a national economic structure composed of four sectors: (1) *The government sector*, made up primarily of Federal executive agencies; (2) *the industry sector*, consisting of manufacturing and nonmanufacturing firms and the Federal contract research centers they administer; (3) *the colleges and universities sector*, composed of colleges, universities, and their affiliated institutions, agricultural experiment stations and associated schools of agriculture, and

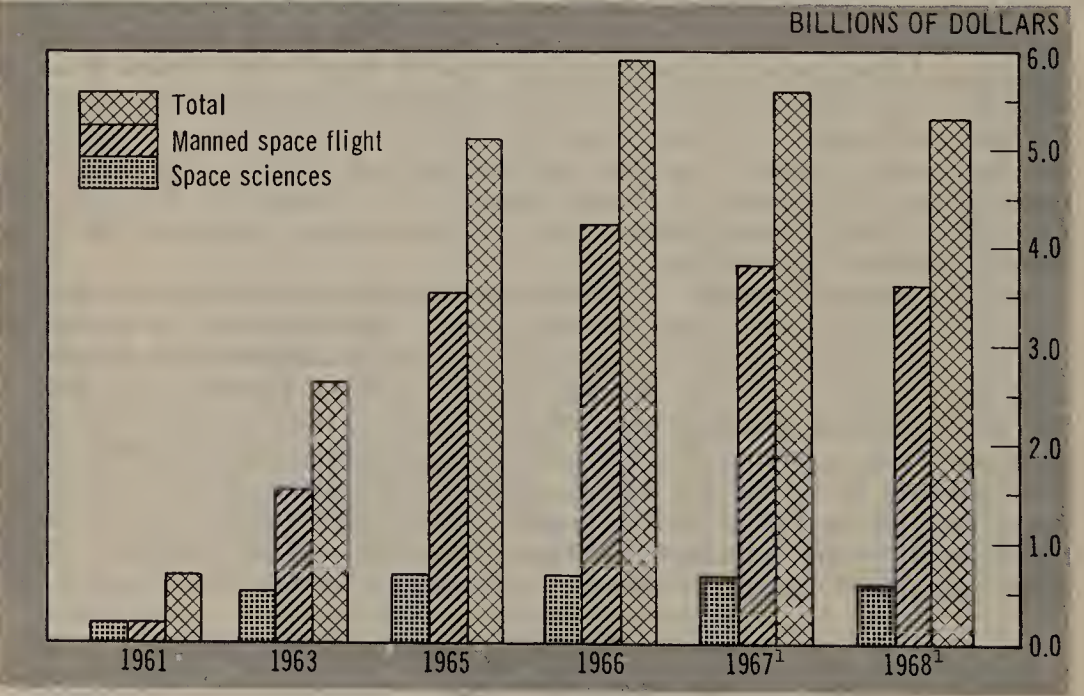


Federal contract research centers administered by educational institutions; and (4) the *other nonprofit institutions sector*, consisting of such organizations as private philanthropic foundations, nonprofit research institutes, voluntary health agencies, and Federal contract research centers administered by nonprofit organizations. Federal contract research centers are research and development organizations which are exclusively or substantially financed by the Federal government and which, in most instances, were originally established to meet a particular R&D need of the Government. They are administered on a contractual basis, by companies, educational institutions, or other nonprofit organizations. The R&D funds reported consist of current operating costs, including those for planning and administration, except as otherwise noted. They exclude funds for routine testing, mapping and surveying, collection of general-purpose data, dissemination of scientific information, and training of scientific manpower.

**Scientists, engineers, and technicians.**—Scientists and engineers are defined as persons engaged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at least to that acquired through completion of a 4-year college course. They are generally classified according to the fields of their employment and not according to the discipline in which they received their major training. Technicians are defined as persons engaged in technical work at a level requiring knowledge acquired through a technical institute, junior college, or other type of training less extensive than 4-year college training. Craftsmen and skilled workers are excluded. The National Register of Scientific and Technical Personnel is a comprehensive program, conducted by the National Science Foundation, for the voluntary registration of scientists. Because it is voluntary, the Register does not include all scientists in the United States but it does provide valuable statistical information on demographic and other characteristics of scientists not available elsewhere. Coverage is currently being extended to engineers.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXXIV. NASA EXPENDITURES FOR RESEARCH AND DEVELOPMENT: 1961 TO 1968  
[See table 796]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from National Aeronautics and Space Administration.

# **No. 771. FUNDS FOR PERFORMANCE OF RESEARCH AND DEVELOPMENT AND BASIC RESEARCH, BY SECTOR, DISTRIBUTED BY SOURCE: 1955 TO 1965**

[In millions of dollars. The data are primarily on a calendar year basis—data for calendar year 1955 for industry and other nonprofit institutions are combined with Federal and university data for fiscal 1955 (1954-55). The same pattern is followed for subsequent years. Data refer, in general, to the natural sciences including engineering and to the social sciences in all but the industry sector. The major portion of funds excludes capital expenditures for research and development. Expenditures at Federal contract research centers administered by industry and other nonprofit institutions are included in the totals of the respective sectors]

PERFORMANCE SECTOR AND SOURCE OF FUNDS <sup>1</sup>	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965 (prel.)
<b>Total R&amp;D <sup>2</sup></b>	6,270	8,470	9,900	10,850	12,520	13,710	14,500	15,610	17,350	19,180	20,470
Federal Government	900	1,040	1,220	1,370	1,640	1,730	1,870	2,100	2,280	2,840	3,090
Federal funds	900	1,040	1,220	1,370	1,640	1,730	1,870	2,100	2,280	2,840	3,090
Industry	4,640	6,610	7,730	8,390	9,620	10,510	10,910	11,460	12,630	13,510	14,200
Federal funds	2,180	3,330	4,330	4,760	5,640	6,080	6,240	6,430	7,270	7,720	7,760
Industry funds	2,460	3,280	3,400	3,630	3,980	4,430	4,670	5,030	5,360	5,790	6,440
Universities proper	410	480	530	600	680	830	970	1,140	1,360	1,590	1,870
Federal funds	170	220	230	260	300	410	500	610	760	910	1,100
Industry funds	20	30	30	40	40	40	40	40	40	40	40
College and university funds <sup>3</sup>	190	200	230	260	290	330	370	420	490	560	640
Other nonprofit institutions funds <sup>3</sup>	30	30	40	40	50	50	60	70	70	80	90
Univ. associated Federal contract research centers <sup>4</sup>	180	190	240	290	340	360	410	470	530	630	640
Other nonprofit institutions	140	150	180	200	240	280	340	440	550	610	670
Federal funds	60	60	80	85	115	140	195	275	380	430	480
Industry funds	30	30	30	30	35	40	40	45	45	50	50
Other nonprofit institutions funds <sup>3</sup>	50	60	70	85	90	100	105	120	125	130	140
<b>Total basic research</b>	608	744	854	975	1,157	1,326	1,540	1,881	2,202	2,566	2,926
Federal Government	90	104	122	125	173	160	206	251	299	363	424
Federal funds	90	104	122	125	173	160	206	251	299	363	424
Industry	189	253	271	305	332	388	407	500	535	564	607
Federal funds	(NA)	(NA)	41	53	84	91	93	155	160	180	191
Industry funds	(NA)	(NA)	230	252	248	297	314	345	375	384	416
Universities proper	237	286	337	390	468	576	701	850	1,036	1,261	1,492
Federal funds	103	130	155	178	226	299	382	481	610	767	920
Industry funds	16	18	21	24	24	24	25	25	25	25	25
College and university funds <sup>3</sup>	99	116	136	159	185	215	250	293	343	402	473
Other nonprofit institutions funds <sup>3</sup>	19	22	25	29	33	38	44	51	58	67	74
Univ. associated Federal contract research centers <sup>4</sup>	49	51	65	78	92	97	115	136	159	191	198
Other nonprofit institutions	43	50	59	77	92	105	111	144	173	187	205
Federal funds	14	17	21	28	38	44	47	71	95	105	118
Industry funds	5	5	5	6	8	10	11	12	14	16	16
Other nonprofit institutions funds <sup>3</sup>	24	28	33	43	46	51	53	61	64	66	71

NA Not available. <sup>1</sup> Data on sources of funds are based on reports by the performers.

<sup>2</sup> Includes basic research, applied research, and development. <sup>3</sup> Includes State and local government funds received by these institutions and used for research and development.

<sup>4</sup> Includes estimates for independent nonprofit hospitals and voluntary health agencies.

Source: National Science Foundation; *National Patterns of R & D Resources 1953-68—Funds and Manpower in the United States*. (NSF67-7).

# **No. 772. FUNDS FOR PERFORMANCE OF INDUSTRIAL RESEARCH AND DEVELOPMENT, BY CHARACTER OF WORK, 1961 TO 1965, AND BY SELECTED INDUSTRY, 1965**

[In millions of dollars. Includes performance of Federal contract research centers administered by industrial firms, classified by industry of the administering company. Excludes performance by certain industry-oriented organizations, such as trade associations, that account annually for less than 1 percent of the total. Excludes funds for R&D capital and the social sciences]

YEAR AND INDUSTRY	Total	RESEARCH			Development
		Total	Basic	Applied	
1961	10,908	2,384	407	1,977	8,525
1962	11,464	2,949	500	2,449	8,515
1963	12,630	2,992	535	2,457	9,638
1964	13,512	3,164	564	2,600	10,348
1965	14,197	3,280	607	2,673	10,912
Chemical and allied products	1,377	706	172	534	672
Petroleum refining and extraction <sup>1</sup>	435	217	53	164	219
Electrical equipment and communication <sup>2</sup>	3,167	584	147	437	2,583
Aircraft and missiles	5,120	807	68	739	4,314
All other	4,098	966	167	799	3,130

<sup>1</sup> Excludes geological and geophysical exploration activities of petroleum companies.

<sup>2</sup> These 2 industries have been combined because of the similarity of their research and development activities.

Source: National Science Foundation; annual report, *Basic Research, Applied Research, and Development in Industry*.



No. 773. FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT: 1959 TO 1967

[In millions of dollars. For years ending June 30. Excludes R&D plant. For any given year, obligations differ from expenditures (see table 774) because not all funds are expended during year obligated]

ITEM	1959	1960	1961	1962	1963	1964	1965	1966 est.	1967 est.
Total research and develop- ment.....	6, 687	7, 545	9, 052	10, 281	12, 482	14, 212	14, 600	15, 946	15, 943
Basic research.....	517	610	825	1, 106	1, 389	1, 567	1, 690	1, 929	2, 093
Applied research.....	886	1, 331	1, 796	2, 166	2, 652	2, 898	3, 164	3, 533	3, 454
Development.....	5, 285	5, 605	6, 432	7, 008	8, 442	9, 747	9, 746	10, 484	10, 396
Total research.....	1, 403	1, 941	2, 620	3, 273	4, 041	4, 464	4, 854	5, 462	5, 547
Life sciences.....	420	516	635	820	933	1, 060	1, 183	1, 352	1, 427
Psychological sciences.....	24	38	51	57	72	95	103	137	158
Physical sciences.....	895	1, 319	1, 757	2, 143	2, 859	3, 130	3, 370	3, 681	3, 649
Social sciences.....	31	35	45	63	80	102	127	188	222
Other sciences.....	33	33	132	190	97	77	70	104	91

No. 774. FEDERAL EXPENDITURES FOR RESEARCH AND DEVELOPMENT, AND R&D PLANT, BY AGENCY: 1960 TO 1967

[In millions of dollars. For years ending June 30. Includes social science research. Expenditure data in this table differ from those in table 771 because of the difference between Federal fiscal year reports and predominantly calendar year reporting by other sectors. See also *Historical Statistics, Colonial Times to 1957*, series W 79-94]

AGENCY	RESEARCH AND DEVELOPMENT					R&D PLANT				
	1960	1964	1965	1966 est.	1967 est.	1960	1964	1965	1966 est.	1967 est.
Total.....	7, 277	13, 650	13, 790	14, 914	15, 280	461	1, 044	1, 084	1, 049	872
Departments:										
Agriculture.....	121	178	200	238	226	11	4	6	12	20
Commerce.....	30	53	58	70	91	3	31	28	19	12
Defense.....	5, 553	7, 433	6, 628	6, 775	6, 808	101	84	100	75	78
Army.....	1, 066	1, 395	1, 409	1, 461	1, 499	43	19	20	24	36
Navy.....	1, 277	1, 715	1, 397	1, 512	1, 681	24	9	22	11	17
Air Force.....	2, 958	3, 918	3, 360	3, 322	3, 158	20	33	45	35	20
Other.....	252	405	462	480	470	15	23	12	5	5
Health, Educ., and Welfare.....	292	747	681	907	1, 042	32	47	57	79	89
Interior.....	63	92	109	123	131	2	10	10	15	18
Atomic Energy Commission <sup>1</sup> .....	762	1, 236	1, 241	1, 256	1, 269	224	269	279	261	242
Federal Aviation Agency.....	38	63	94	126	343	3	11	2	8	7
National Aero. and Space Admin.....	330	3, 637	4, 555	5, 097	4, 993	71	534	538	503	307
National Science Foundation.....	51	141	136	164	187	7	49	57	67	91
All other.....	38	69	89	158	190	7	4	8	10	8

<sup>1</sup> Data represent "accrued costs" rather than expenditures.  
Source of tables 773 and 774: National Science Foundation; annual report, *Federal Funds for Research, Development, and Other Scientific Activities*.

No. 775. INDUSTRIAL RESEARCH AND DEVELOPMENT, BY GEOGRAPHIC DIVISION: 1965

[Amounts in millions of dollars. See headnote, table 772. For States in each division, see fig. 1, p. xii]

GEOGRAPHIC DIVISION	TOTAL FUNDS		FEDERAL FUNDS		COMPANY FUNDS	
	Amount	Percent	Amount	Percent	Amount	Percent
United States.....	14, 197	100	7, 759	100	6, 438	100
New England.....	1, 169	8	610	8	560	9
Middle Atlantic.....	3, 242	23	1, 281	17	1, 960	30
East North Central.....	2, 504	18	397	5	2, 106	33
West North Central.....	478	3	241	3	237	4
South Atlantic.....	994	7	683	9	311	5
East South Central.....	414	3	318	4	96	1
West South Central.....	794	6	539	7	255	4
Mountain.....	458	3	350	5	108	2
Pacific.....	4, 144	29	3, 340	43	803	12

Source: National Science Foundation; annual report, *Basic Research, Applied Research, and Development in Industry*.



No. 776. FUNDS FOR PERFORMANCE OF INDUSTRIAL RESEARCH AND DEVELOPMENT, BY INDUSTRY AND SOURCE OF FUNDS: 1960 TO 1965

[In millions of dollars. See headnote, table 772]

INDUSTRY	TOTAL FUNDS <sup>1</sup>				FEDERAL FUNDS				PRIVATE INDUSTRY FUNDS			
	1960	1963	1964	1965	1960	1963	1964	1965	1960	1963	1964	1965
<b>Total</b> -----	10,509	12,630	13,512	14,197	6,081	7,270	7,720	7,759	4,428	5,360	5,792	6,438
Food and kindred products-----	104	130	141	150	9	(NA)	(NA)	1	95	(NA)	140	148
Textiles and apparel-----	38	30	32	34	9	(NA)	(NA)	(NA)	29	28	(NA)	(NA)
Lumber, wood products, and furniture-----	10	11	12	13	1	(NA)	(NA)	(NA)	9	69	71	76
Paper and allied products-----	56	69	71	76	(NA)	234	-	-	(NA)	1,004	1,098	1,187
Chemicals and allied products-----	980	1,239	1,300	1,377	171	-	-	190	807	-	-	-
Petroleum refining and extraction <sup>2</sup> -----	296	317	410	435	20	21	72	69	276	296	338	366
Rubber products-----	121	156	159	166	38	46	35	25	83	111	124	141
Stone, clay, and glass products-----	88	100	110	119	(NA)	3	4	4	(NA)	97	106	115
Primary metals-----	177	183	195	216	15	10	8	8	162	174	186	208
Fabricated metal products-----	145	153	148	145	36	24	19	17	109	129	129	129
Machinery-----	949	958	1,051	1,129	391	250	263	258	558	709	788	870
Electrical equipment and communication <sup>3</sup> -----	2,532	2,866	2,952	3,167	1,685	1,849	1,858	1,978	847	1,017	1,093	1,189
Motor vehicles and other transportation equipment-----	884	1,090	1,176	1,238	216	291	322	326	668	799	854	913
Aircraft and missiles-----	3,514	4,712	5,055	5,120	3,150	4,261	4,610	4,500	364	452	445	620
Professional and scientific instruments-----	323	284	324	337	153	81	94	125	176	202	229	261
Other industries <sup>4</sup> -----	287	330	378	426	182	193	229	256	105	137	149	169

- Represents zero. NA Not available.

<sup>1</sup> Includes basic research, applied research, and development.

<sup>2</sup> Excludes geological and geophysical exploration activities of petroleum companies.

<sup>3</sup> These 2 industries have been combined because of the similarity of their research and development activities.

<sup>4</sup> Includes data for all other manufacturing and nonmanufacturing industries not specifically listed. Excludes industry data specified as not available.

Source: National Science Foundation; annual report, *Basic Research, Applied Research, and Development in Industry*.

No. 777. FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES, BY TYPE OF PROGRAM: 1963 TO 1966

[Money figures in millions of dollars. For years ending June 30]

YEAR	FEDERAL OBLIGATIONS		ACADEMIC SCIENCE OBLIGATIONS					NON-SCIENCE ACTIVITIES	
	Total	Percent increase from previous year	Total	Percent of total Federal support	Research and development	Research and development plant	Other science activities	Total	Percent of total Federal support
1963	1,396.7	(NA)	1,312.2	93.9	813.2	105.9	393.1	84.5	6.1
1964	1,605.9	15.0	1,509.5	94.0	956.0	101.3	452.2	96.4	6.0
1965	2,287.0	42.4	1,797.7	78.6	1,076.5	126.2	595.0	489.3	21.4
1966	3,017.5	31.9	2,171.1	71.9	1,257.7	114.8	798.6	846.5	28.1

NA Not available.  
Source: National Science Foundation; unpublished data.

No. 778. UNIVERSITIES AND COLLEGES WITH SCIENCE AND ENGINEERING PROGRAMS—SELECTED FINANCIAL CHARACTERISTICS: 1964

[Money figures in millions of dollars. Excludes Federal contract research centers managed by universities]

ITEM	Total	Granting graduate degrees <sup>1</sup>			Other
		Total <sup>2</sup>	Medical schools	Agri-cultural experiment stations <sup>3</sup>	
Number of institutions surveyed	1,942	400	89	59	1,542
With separately budgeted research and development	636	341	89	59	295
With federally financed research and development	561	328	89	59	233
Separately budgeted research and development <sup>4</sup>	1,272.4	1,259.6	351.1	208.7	12.8
Source of funds:					
Federal Government	917.3	907.3	284.0	71.0	10.0
State and local governments	173.2	172.7	11.5	117.1	.5
Foundations and health agencies	61.4	60.5	29.5	2.8	.9
Industry	40.4	39.8	8.0	8.2	.5
Institutions' own funds	58.9	58.0	9.4	6.7	.9
Other	21.3	21.2	8.6	2.9	.1
Character of work:					
Basic research	1,003.0	994.0	300.2	108.8	8.9
Applied research	231.9	228.5	45.7	87.5	3.4
Development	37.6	37.1	5.2	12.5	.5
Capital expenditures for research, development, and instruction					
Federal	529.5	450.6	105.6	29.4	78.9
Nonfederal	134.4	128.5	48.5	7.3	5.9
Current expenditures for instruction and departmental research <sup>5</sup>	395.1	322.0	57.1	22.1	73.0
	1,553.1	1,275.4	253.0	63.3	277.6

<sup>1</sup> Degrees in sciences and engineering. <sup>2</sup> Includes university and college components not shown separately.  
<sup>3</sup> Includes related colleges of agriculture. <sup>4</sup> Excludes unreimbursed indirect costs. <sup>5</sup> Excludes indirect costs.

Source: National Science Foundation. Data derived from Survey of Scientific Activities of Institutions of Higher Education, 1963-64.

No. 779. FEDERAL PRIME CONTRACTS AND GRANTS AWARDED FOR RESEARCH AND DEVELOPMENT—STATES: 1965

[Money figures in thousands of dollars. For year ending June 30. Excludes unallocated funds]

STATE	Rank	Amount	STATE	Rank	Amount	STATE	Rank	Amount
U.S.	(X)	11,358,966	Kentucky	40	10,009	North Dakota	49	1,943
Alabama	15	183,373	Louisiana	7	362,709	Ohio	13	197,085
Alaska	43	6,013	Maine	47	3,035	Oklahoma	33	24,458
Arizona	28	37,685	Maryland <sup>1</sup>	5	478,346	Oregon	36	19,067
Arkansas	44	5,610	Massachusetts	3	636,457	Pennsylvania	6	427,717
California	1	4,085,117	Michigan	20	134,459	Rhode Island	37	18,755
Colorado	14	184,539	Minnesota	23	86,968	South Carolina	38	14,939
Connecticut	17	160,235	Mississippi	30	26,546	South Dakota	48	2,144
Delaware	41	6,766	Missouri	11	221,291	Tennessee	18	152,539
Florida	8	321,195	Montana	45	4,324	Texas	4	610,267
Georgia	27	43,666	Nebraska	42	6,423	Utah	31	25,501
Hawaii	29	34,818	Nevada	19	144,287	Vermont	46	3,548
Idaho	25	60,539	New Hampshire	32	25,125	Virginia	21	120,935
Illinois	16	177,550	New Jersey	9	299,228	Washington	12	203,231
Indiana	24	62,405	New Mexico	10	276,275	West Virginia	39	13,634
Iowa	35	22,630	New York	2	1,218,337	Wisconsin	22	120,212
Kansas	34	24,443	North Carolina	26	50,782	Wyoming	50	1,756

X Not applicable. <sup>1</sup> Includes District of Columbia.  
Source: National Science Foundation; unpublished data.

**No. 780. RESEARCH AND DEVELOPMENT SCIENTISTS AND ENGINEERS—NUMBER AND AVERAGE COST, BY SELECTED INDUSTRY, AND SOURCE OF FUNDS: 1965**

[Covers 200 companies accounting for 93 percent of all Federal funds for industry R&D performance and employing 87 percent of all R&D scientists and engineers on Federal projects in industry]

INDUSTRY	Total	Company	SOURCES OF FEDERAL SUPPORT			
			Total	Department of Defense	National Aeronautics and Space Admin.	All other agencies
<b>Number employed <sup>1</sup></b>	<b>229,200</b>	<b>86,800</b>	<b>142,400</b>	<b>77,500</b>	<b>49,700</b>	<b>15,200</b>
Aircraft and missiles.....	95,500	16,100	79,300	40,800	35,200	3,400
Electrical equipment and communication.....	66,200	27,000	39,200	23,200	8,800	7,100
Chemicals and allied products.....	17,200	13,200	3,900	1,600	(Z)	2,300
Machinery.....	21,100	14,200	6,800	3,900	2,600	300
Motor vehicles and other transport equipment.....	11,000	6,400	4,700	2,800	1,800	100
Professional and scientific instruments.....	3,100	1,500	1,600	1,100	400	100
Other industries.....	15,200	8,400	6,900	4,200	800	1,800
<b>Average cost (per scientist or engineer) <sup>2</sup></b>	<b>\$46,100</b>	<b>\$38,400</b>	<b>\$50,800</b>	<b>\$45,900</b>	<b>\$59,500</b>	<b>\$47,200</b>
Aircraft and missiles.....	52,800	36,700	56,200	48,700	65,800	45,500
Electrical equipment and communication.....	39,700	32,400	44,800	43,100	46,800	47,700
Chemicals and allied products.....	43,600	43,500	44,000	36,400	31,200	49,400
Machinery.....	37,900	38,700	36,500	35,400	40,200	21,700
Motor vehicles and other transport equipment.....	51,700	55,900	45,900	53,000	35,100	55,200
Professional and scientific instruments.....	35,500	33,500	37,300	28,900	57,400	57,300
Other industries.....	42,900	39,800	46,600	46,700	39,500	49,500

Z Less than 50. <sup>1</sup> Arithmetic mean of full-time equivalent of R & D scientists and engineers in Jan. 1965 and Jan. 1966.

<sup>2</sup> Obtained by dividing total R&D performance funds by number of R&D scientists and engineers.

Source: National Science Foundation; annual report, *Basic Research, Applied Research, and Development in Industry*.

**No. 781. SCIENTISTS AND ENGINEERS IN PRIVATE INDUSTRY: 1961 TO 1964**

[As of January. Not comparable with survey data published by Dept. of Labor, Bureau of Labor Statistics, for 1962 and prior years. Estimated to nearest hundred]

YEAR AND INDUSTRY	Total	Engineers	Chemists	Physicists	Metalurgists	Earth scientists	Mathematicians	Life scientists	Other scientists <sup>1</sup>
<b>ALL SCIENTISTS AND ENGINEERS</b>									
1961.....	786,900	640,200	71,000	14,000	12,500	12,100	15,400	18,700	3,000
1962.....	823,800	669,700	71,900	14,100	12,000	12,500	18,100	17,900	7,600
1963.....	870,300	711,600	74,300	14,500	11,900	12,400	20,100	20,800	4,800
<b>Total, 1964.....</b>	<b>890,000</b>	<b>724,800</b>	<b>77,100</b>	<b>15,900</b>	<b>12,100</b>	<b>11,900</b>	<b>21,500</b>	<b>21,200</b>	<b>5,500</b>
Ordnance and accessories.....	54,600	47,400	1,200	2,200	500	100	2,300	600	300
Chemicals and allied prod.....	88,400	36,800	36,400	1,300	600	200	1,000	11,000	1,200
Petr. prod. and extraction.....	14,800	9,800	3,900	100	(Z)	800	200	(Z)	(Z)
Primary and fabr. metal prod.....	57,500	45,400	3,700	500	5,700	100	700	200	1,100
Machinery.....	81,800	74,700	1,700	1,300	1,100	100	2,500	200	300
Communication equipment.....	72,700	67,600	700	1,700	200	(Z)	1,800	100	600
Other electrical equipment.....	68,700	63,900	1,700	1,700	500	(Z)	500	(Z)	300
Aircraft and parts.....	80,900	73,900	1,400	1,200	1,000	100	2,700	200	400
Other transp. equip., and mfg.....	87,600	66,000	14,200	700	800	100	1,100	4,100	400
Instruments and related prod.....	31,400	26,700	2,400	1,100	100	500	300	300	100
Mining, transp., and pub. util- ities and other nonmfg.....	141,700	121,600	3,500	700	600	8,900	4,400	1,800	300
Services.....	110,000	91,000	6,400	3,400	1,000	900	4,300	2,600	400
<b>R&amp;D SCIENTISTS AND ENGINEERS</b>									
<b>Total, 1964.....</b>	<b>349,300</b>	<b>261,800</b>	<b>45,300</b>	<b>13,500</b>	<b>5,100</b>	<b>1,200</b>	<b>11,600</b>	<b>8,600</b>	<b>2,200</b>
Ordnance and accessories.....	33,200	27,500	900	2,000	400	100	1,600	600	200
Chemicals and allied prod.....	39,200	10,103	22,100	1,000	400	(Z)	300	5,100	400
Petr. prod. and extraction.....	3,800	1,600	1,800	100	(Z)	200	100	(Z)	(Z)
Primary and fabr. metal prod.....	12,300	8,500	1,600	500	1,400	(Z)	200	(Z)	100
Machinery.....	33,000	28,800	1,300	1,000	500	(Z)	1,100	100	200
Communication equipment.....	49,200	45,000	500	1,600	200	(Z)	1,600	100	300
Other electrical equipment.....	31,300	27,700	1,200	1,400	300	(Z)	300	(Z)	200
Aircraft and parts.....	52,800	47,500	1,000	1,100	700	(Z)	2,000	200	300
Other transp. equip., and mfg.....	28,400	17,500	7,800	600	300	(Z)	400	1,300	300
Instruments and related prod.....	14,900	12,000	1,500	900	100	(Z)	200	100	100
Mining, transp., and pub. util- ities and other nonmfg.....	9,000	6,000	1,500	100	100	400	600	200	(Z)
Services.....	42,300	29,600	4,300	3,100	700	400	3,200	800	200

Z Less than 50. <sup>1</sup> Excludes psychologists and social scientists; 1961 and 1962 includes some life scientists.

Source: Dept. of Labor, Bureau of Labor Statistics; unpublished data.



No. 782. PROFESSIONAL SCIENTIFIC AND TECHNICAL PERSONNEL IN THE FEDERAL GOVERNMENT, BY OCCUPATIONAL GROUP: 1958 TO 1964

[As of October, except as noted]						
OCCUPATIONAL GROUP	1958	1959	1960	1961	1962	1964 <sup>1</sup>
Total-----	147, 143	149, 827	155, 973	163, 427	174, 408	189, 491
Scientific personnel-----	50, 910	51, 649	53, 264	60, 077	61, 982	68, 122
Physical sciences-----	15, 750	16, 519	17, 984	<sup>2</sup> 23, 573	<sup>2</sup> 23, 043	26, 218
Mathematics and statistics <sup>3</sup> -----	4, 627	4, 471	4, 664	4, 671	5, 163	5, 912
Biological sciences-----	21, 198	21, 446	21, 636	22, 502	23, 666	24, 883
Social sciences <sup>4</sup> -----	4, 469	4, 589	4, 672	4, 919	5, 479	5, 680
Geography and cartography-----	2, 973	2, 688	2, 300	2, 278	2, 389	2, 949
Psychology-----	1, 697	1, 672	1, 689	1, 788	1, 815	1, 843
Operations research-----	196	264	319	346	427	637
Engineering personnel-----	57, 122	57, 808	60, 978	<sup>2</sup> 59, 974	<sup>2</sup> 67, 500	74, 869
Health professional personnel-----	39, 111	40, 370	41, 731	43, 376	44, 926	46, 500
Health officers-----	13, 056	13, 402	13, 728	14, 282	14, 640	15, 210
Other-----	26, 055	26, 968	28, 003	29, 094	30, 286	31, 290

<sup>1</sup> As of December.  
<sup>2</sup> Because of overlapping in job series classifications, several thousand personnel were transferred from engineering to the physical sciences series in 1961; many of them were transferred back to engineering in 1962.  
<sup>3</sup> Includes actuary, mathematics, statistics, and, beginning 1961, mathematical statisticians.  
<sup>4</sup> Includes social science, economics, history, and the anthropological sciences.

Source: National Science Foundation: 1958 to 1962, *Scientific and Technical Personnel in the Federal Government*; 1964, compiled from data supplied by Civil Service Commission.

No. 783. SCIENTISTS, ENGINEERS, SELECTED HEALTH-RELATED PROFESSIONALS, AND TECHNICIANS EMPLOYED BY STATE GOVERNMENT AGENCIES, BY STATES: 1964

[Not comparable with survey data published by Dept. of Labor, Bureau of Labor Statistics, for 1962. Social scientists, statisticians, and practicing psychologists, reported as scientists in 1964, were not all in 1962. Non-practicing physicians, dentists, psychiatrists, public health specialists, and veterinarians who were counted as scientists in 1962 are reported with selected health-related professionals in 1964]

STATE	Scien- tists	Engi- neers	Health- related profes- sionals	Techni- cians	STATE	Scien- tists	Engi- neers	Health- related profes- sionals	Techni- cians
U.S.-----	16, 686	34, 537	36, 153	60, 232	Missouri-----	267	859	395	1, 309
Alabama-----	195	736	460	2, 150	Montana-----	115	379	125	691
Alaska-----	178	346	72	342	Nebraska-----	115	229	183	533
Arizona-----	168	132	91	784	Nevada-----	99	236	65	223
Arkansas-----	145	194	327	655	New Hampshire-----	72	343	160	75
California-----	1, 651	6, 297	2, 883	6, 250	New Jersey-----	274	1, 077	1, 164	718
Colorado-----	185	490	256	769	New Mexico-----	156	188	138	568
Connecticut-----	261	620	604	892	New York-----	1, 393	2, 653	4, 938	2, 623
Delaware-----	56	77	159	395	North Carolina-----	370	776	545	986
Florida-----	649	777	1, 953	2, 601	North Dakota-----	88	182	72	270
Georgia-----	301	654	280	1, 381	Ohio-----	488	666	978	2, 016
Hawaii-----	185	259	383	306	Oklahoma-----	281	120	447	630
Idaho-----	157	113	307	598	Oregon-----	538	782	569	659
Illinois-----	822	1, 556	1, 403	1, 787	Pennsylvania-----	805	1, 183	3, 616	2, 188
Indiana-----	348	624	441	632	Rhode Island-----	97	162	373	299
Iowa-----	191	321	340	1, 936	South Carolina-----	191	278	640	902
Kansas-----	283	427	431	1, 137	South Dakota-----	93	150	102	107
Kentucky-----	273	702	398	1, 595	Tennessee-----	301	394	793	1, 777
Louisiana-----	147	493	851	2, 217	Texas-----	454	1, 352	991	3, 893
Maine-----	182	301	211	391	Utah-----	275	353	81	668
Maryland-----	279	448	1, 206	1, 014	Vermont-----	79	354	117	369
Massachusetts-----	453	1, 303	2, 191	1, 246	Virginia-----	608	828	1, 203	2, 397
Michigan-----	728	942	821	1, 572	Washington-----	445	1, 156	404	853
Minnesota-----	320	543	688	1, 683	West Virginia-----	180	228	177	526
Mississippi-----	249	251	534	1, 217	Wisconsin-----	416	745	484	935
					Wyoming-----	80	253	103	467

Source: Dept. of Labor, Bureau of Labor Statistics; *Scientific and Technical Personnel in State Government Agencies, 1964 (Bulletin No. 1557)*.

## No. 784. SELECTED CHARACTERISTICS OF ENGINEERS, 1964, AND SCIENTISTS, 1966

[See headnote, table 786]

CHARACTERISTIC	ENGINEERS, 1964		SCIENTISTS, 1966		CHARACTERISTIC	ENGINEERS, 1964		SCIENTISTS, 1966	
	Num- ber	Per- cent	Num- ber	Per- cent		Num- ber	Per- cent	Num- ber	Per- cent
<b>Total</b> -----	57,779	100.0	242,763	100.0	Years of professional experience:				
Sex:					1 year or less-----	1,359	2.4	12,967	5.3
Men-----	57,571	99.6	222,599	91.7	2 to 4 years-----	5,787	10.0	36,907	15.2
Women-----	208	0.4	20,164	8.3	5 to 9 years-----	9,565	16.6	48,430	19.9
Highest degree:					10 to 14 years-----	11,431	19.8	39,083	16.1
Ph. D.-----	2,905	5.0	90,304	37.2	15 to 19 years-----	8,036	13.9	35,419	14.6
Professional medical-----	16	(Z)	6,436	2.7	20 years or more-----	18,230	31.6	59,022	24.3
Master's-----	9,976	17.3	66,754	27.5	Not reported-----	3,371	5.8	10,935	4.5
Bachelor's-----	36,369	62.9	73,764	30.4	Age:				
Less than a bachelor's-----	3,404	5.9	2,435	1.0	20 to 29 years-----	7,811	13.5	48,026	19.8
Not reported-----	5,109	8.8	3,070	1.3	30 to 39 years-----	18,588	32.2	82,378	33.9
					40 to 49 years-----	17,256	29.9	65,376	26.9
					50 to 59 years-----	9,349	16.2	32,078	13.2
					60 years and over-----	4,674	8.1	14,424	5.9
					Not reported-----	101	0.2	481	0.2

Z Less than 0.05 percent.

Source: National Science Foundation. Data derived from the National Register of Scientific and Technical Personnel, 1966 and National Engineers Register, 1964.

## No. 785. SCIENTISTS—NUMBER AND MEDIAN ANNUAL SALARIES, BY TYPE OF EMPLOYER AND WORK ACTIVITY: 1964

[See headnote, table 786. For definition of median, see headnote, table 8]

TYPE OF EMPLOYER	Total	WORK ACTIVITY							
		Research and development			Management or administration		Teaching	Production and inspection	Other
		Total <sup>1</sup>	Basic research	Applied research	Total <sup>2</sup>	R&D			
<b>NUMBER</b>									
<b>All employers</b> -----	<sup>3</sup> 223,854	77,699	35,781	30,280	46,255	24,568	41,209	16,582	26,301
Educational institutions-----	77,727	26,392	19,894	6,047	5,778	2,793	39,926	249	3,325
Federal Government-----	23,405	10,242	5,002	4,535	7,442	3,846	203	1,274	3,654
Other government-----	7,472	2,006	779	1,148	2,528	908	302	601	1,798
Military-----	5,522	999	531	405	1,854	631	242	180	1,909
Nonprofit organizations-----	8,722	4,344	2,334	1,739	2,086	1,257	154	245	1,689
Industry and business-----	84,421	32,741	6,863	15,924	25,563	14,722	170	13,693	10,602
Self-employed-----	4,277	343	80	194	569	203	34	214	2,865
Other-----	1,434	478	210	231	347	171	98	98	358
No report of employer-----	1,257	154	88	57	88	37	80	28	101
<b>MEDIAN SALARY</b>									
<b>All employers</b> -----	\$11,000	\$11,000	\$11,000	\$11,000	\$14,500	\$15,500	\$8,900	\$9,800	\$10,500
Educational institutions-----	9,600	10,200	10,000	10,400	14,000	14,500	8,800	8,700	9,600
Federal Government-----	11,000	10,600	10,700	10,600	13,000	14,500	10,000	9,500	10,300
Other government-----	9,000	8,700	9,000	8,500	10,000	10,600	8,500	7,700	8,900
Nonprofit organizations-----	12,000	11,500	11,000	12,000	15,600	17,000	12,000	10,000	10,000
Industry and business-----	12,000	11,400	12,300	11,500	15,500	16,000	10,500	10,000	11,000
Self-employed-----	15,000	15,000	14,700	15,000	15,000	19,000	(B)	12,000	16,000
Other-----	11,000	10,400	10,000	10,800	13,500	14,500	8,000	9,900	11,000
No report of employer-----	11,000	10,700	11,700	10,300	14,100	15,000	9,000	(B)	10,000

B Not computed; base less than 25 registrants reporting salary.

<sup>1</sup> Includes development or design, not separately identified.<sup>2</sup> Includes management or administration of activities other than research or development that were not separately identified.<sup>3</sup> Includes 9,617 not employed and 6,191 not reporting work activity.Source: National Science Foundation; *Summary of American Science Manpower, 1964* (NSF 66-11). Data derived from the National Register of Scientific and Technical Personnel.

No. 786. SCIENTISTS, BY FIELD OF GREATEST COMPETENCE—STATES AND OTHER AREAS: 1966

[The National Register of Scientific and Technical Personnel does not include all scientists in the United States because reporting is voluntary. See text, p. 536]

STATE OR OTHER AREA	Total <sup>1</sup>	Agricul- tural sci- ences	Biolog- ical sci- ences	Psy- chol- ogy	Earth sciences and mete- orology	Mathe- matics and sta- tistics	Physics	Chem- istry	Eco- nomics	Soci- ology and anthro- pology
Total-----	242,763	10,038	29,633	19,027	26,032	25,848	29,130	65,917	13,150	4,559
Alabama-----	2, 049	181	250	90	129	293	267	529	89	29
Alaska-----	488	113	57	9	218	21	16	25	11	2
Arizona-----	1, 945	171	240	161	355	209	235	317	94	49
Arkansas-----	859	153	154	56	89	48	51	188	51	15
California-----	27, 641	859	3, 041	2, 507	3, 126	4, 079	4, 496	5, 689	1, 215	457
Colorado-----	4, 170	305	402	281	1, 315	366	499	564	118	55
Connecticut-----	4, 393	66	491	366	196	466	680	1, 445	236	91
Delaware-----	2, 492	21	113	68	33	69	129	1, 610	127	7
District of Columbia-----	7, 625	220	799	531	1, 024	1, 005	1, 009	1, 031	1, 255	231
Florida-----	4, 109	290	612	419	489	439	442	867	177	76
Georgia-----	2, 630	311	513	229	200	257	190	552	173	57
Hawaii-----	849	59	163	65	163	79	59	121	45	35
Idaho-----	911	267	107	53	95	42	96	154	27	6
Illinois-----	12, 695	232	1, 632	1, 135	810	1, 175	1, 430	4, 131	843	280
Indiana-----	5, 060	145	724	395	239	569	514	1, 635	287	98
Iowa-----	2, 633	130	489	313	141	258	292	598	188	63
Kansas-----	2, 208	96	326	266	340	205	169	493	131	37
Kentucky-----	1, 788	102	282	162	133	170	130	510	98	52
Louisiana-----	3, 561	192	360	136	1, 280	217	146	814	122	43
Maine-----	707	95	114	68	67	69	45	137	41	15
Maryland-----	7, 784	188	1, 676	466	676	1, 135	1, 139	1, 715	200	89
Massachusetts-----	10, 374	91	1, 190	797	729	1, 324	2, 071	2, 738	471	230
Michigan-----	8, 608	334	1, 036	799	522	801	803	2, 768	505	223
Minnesota-----	4, 177	271	620	425	235	505	383	1, 146	235	72
Mississippi-----	955	159	171	62	192	73	50	136	42	19
Missouri-----	4, 326	157	580	273	398	375	362	1, 396	325	84
Montana-----	942	265	144	31	223	58	30	88	38	14
Nebraska-----	1, 203	104	208	114	191	155	85	184	76	31
Nevada-----	506	71	41	27	126	34	58	87	23	4
New Hampshire-----	759	59	125	44	73	81	83	160	61	22
New Jersey-----	12, 200	106	888	673	294	1, 099	1, 447	5, 845	475	80
New Mexico-----	2, 113	154	134	73	350	274	648	310	42	29
New York-----	26, 642	295	3, 329	2, 971	1, 139	3, 221	3, 547	7, 377	1, 859	611
North Carolina-----	3, 485	240	646	226	210	368	266	1, 049	192	101
North Dakota-----	522	85	91	33	83	42	20	115	28	5
Ohio-----	10, 850	168	1, 092	823	584	831	1, 300	4, 270	552	189
Oklahoma-----	3, 184	95	259	136	1, 164	229	172	719	102	33
Oregon-----	2, 531	660	414	199	233	175	181	388	125	55
Pennsylvania-----	13, 860	273	1, 662	1, 146	683	1, 281	1, 641	4, 983	689	228
Rhode Island-----	971	26	110	74	67	79	185	295	44	20
South Carolina-----	1, 318	153	162	63	82	110	121	415	73	18
South Dakota-----	521	110	94	44	56	47	24	69	34	15
Tennessee-----	3, 421	154	485	213	176	239	510	1, 177	150	41
Texas-----	11, 383	285	905	519	3, 773	977	966	2, 469	390	119
Utah-----	1, 604	171	253	108	298	157	132	291	52	29
Vermont-----	445	48	86	38	26	44	46	90	31	12
Virginia-----	4, 384	201	461	301	407	753	585	1, 017	223	44
Washington-----	4, 270	502	599	330	440	491	503	843	180	86
West Virginia-----	1, 514	105	146	59	113	67	63	682	74	20
Wisconsin-----	4, 376	264	638	364	265	462	472	1, 216	243	120
Wyoming-----	687	130	52	36	280	32	19	76	13	6
Puerto Rico-----	313	4	37	20	39	18	28	93	29	16
Canal Zone-----	35	1	8	3	13	2	1	3	-	-
Guam-----	36	1	1	-	33	-	-	-	-	-
Virgin Islands-----	9	-	-	2	1	-	1	2	2	-
Foreign-----	3, 642	100	331	225	1, 416	274	293	295	253	190

- Represents zero. <sup>1</sup> Includes linguistics and other fields not shown separately.

Source: National Science Foundation. Data derived from the National Register of Scientific and Technical Personnel.



**No. 787. ENROLLMENT FOR ADVANCED DEGREES—SELECTED FIELDS: 1960 TO 1965**  
[As of fall term]

FIELD	1960	1961	1962	1963	1964	1965
<b>All fields</b> .....	<b>314,349</b>	<b>338,981</b>	<b>373,845</b>	<b>413,366</b>	<b>477,535</b>	<b>535,332</b>
<b>Science fields</b> .....	<b>120,638</b>	<b>128,794</b>	<b>142,433</b>	<b>158,051</b>	<b>177,544</b>	<b>194,530</b>
Agriculture and forestry.....	4,412	4,346	4,995	5,165	5,622	6,426
Biological sciences, incl. general programs.....	15,303	17,100	18,958	21,723	25,165	28,323
Mathematical subjects.....	11,770	12,671	14,121	15,974	18,226	20,198
Physical sciences.....	25,707	26,553	28,591	30,959	34,061	36,506
Engineering.....	36,636	39,367	43,850	48,917	54,318	57,516
Psychology.....	10,677	10,751	11,344	12,627	13,733	15,551
Social sciences <sup>1</sup> .....	16,133	18,006	20,574	22,686	26,419	30,010
<b>Health fields</b> .....	<b>5,842</b>	<b>6,199</b>	<b>6,586</b>	<b>7,322</b>	<b>8,234</b>	<b>8,909</b>
<b>All other fields</b> .....	<b>187,869</b>	<b>203,988</b>	<b>224,826</b>	<b>247,993</b>	<b>291,757</b>	<b>331,893</b>

<sup>1</sup> Includes anthropology, economics, agricultural economics, sociology, political science, linguistics, and geography.

Source: National Science Foundation. Data from Office of Education; *Enrollment for Advanced Degrees*.

**No. 788. SCIENCE DOCTORATES CONFERRED, BY FIELD OF SCIENCE: 1960 TO 1966**

FIELD OF SCIENCE	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>6,397</b>	<b>6,876</b>	<b>7,619</b>	<b>8,427</b>	<b>9,471</b>	<b>10,701</b>	<b>11,654</b>
<b>Life sciences</b> .....	<b>1,730</b>	<b>1,782</b>	<b>1,976</b>	<b>2,076</b>	<b>2,363</b>	<b>2,679</b>	<b>2,869</b>
Agricultural and related.....	343	366	387	373	445	480	485
Health sciences.....	69	101	109	107	142	145	175
Anatomy, cytology, and embryology.....	33	46	75	87	105	139	132
Physiology and related fields.....	217	205	258	300	356	403	396
Botany and phytopathology.....	188	188	181	200	205	240	247
Biochemistry.....	259	272	286	300	371	391	446
Microbiology.....	184	176	199	210	194	273	286
Zoology and entomology.....	270	265	289	272	309	360	395
Other life sciences.....	167	163	192	227	236	248	307
<b>Psychology</b> .....	<b>773</b>	<b>820</b>	<b>857</b>	<b>892</b>	<b>1,013</b>	<b>955</b>	<b>1,133</b>
<b>Physical sciences</b> .....	<b>1,861</b>	<b>1,993</b>	<b>2,096</b>	<b>2,428</b>	<b>2,527</b>	<b>2,859</b>	<b>3,028</b>
Physics and astronomy.....	531	597	710	818	864	1,046	1,049
Chemistry.....	1,077	1,150	1,137	1,288	1,351	1,439	1,580
Earth sciences.....	253	246	249	322	312	374	399
Engineering.....	792	940	1,215	1,357	1,662	2,068	2,283
Mathematics.....	291	332	388	484	590	684	766
<b>Social sciences, selected</b> .....	<b>950</b>	<b>1,009</b>	<b>1,087</b>	<b>1,190</b>	<b>1,316</b>	<b>1,456</b>	<b>1,575</b>
Sociology.....	162	167	184	211	201	239	258
Economics.....	352	413	418	450	526	561	622
Political science, pub. admin., int'l relations.....	238	254	278	290	336	391	401
Anthropology and archaeology.....	77	60	88	91	93	92	109
Other selected social sciences <sup>1</sup> .....	121	115	119	148	160	173	185

<sup>1</sup> Includes area studies, geography, linguistics, and social sciences, general.

Source: National Science Foundation. Data from National Research Council; Doctorate Record File.

**No. 789. ENROLLMENT IN SCIENCE AND MATHEMATICS—PUBLIC HIGH SCHOOLS: 1957 TO 1965**

[In thousands. Data are for school year ending in year stated. Prior to 1963, excludes Alaska and Hawaii. Based on sample]

COURSE	1957	1959	1963	1965 <sup>1</sup>
<b>Science</b> .....	<b>4,044</b>	<b>4,670</b>	<b>6,020</b>	<b>7,244</b>
General science.....	1,518	1,581	1,827	2,176
Biology.....	1,430	1,677	2,487	2,694
Chemistry.....	520	657	859	1,085
Physics.....	310	379	397	526
Other science.....	266	376	450	763
<b>Mathematics</b> .....	<b>4,401</b>	<b>5,108</b>	<b>6,731</b>	<b>7,496</b>
General mathematics.....	976	1,024	1,213	1,785
Elementary algebra.....	1,518	1,775	2,131	2,260
Plane geometry.....	788	979	1,454	999
Intermediate algebra.....	484	643	1,017	1,004
Trigonometry.....	200	220	204	231
Solid geometry.....	160	106	73	85
Other mathematics.....	275	361	639	1,133

<sup>1</sup> Preliminary.

Source: National Science Foundation. Data from Office of Education: *Offerings and Enrollments in Science and Mathematics in Public High Schools*.

No. 790. ATOMIC ENERGY COMMISSION—LICENSES AND AGREEMENTS: 1955 TO 1966

ITEM	1955	1960	1962	1963	1964	1965	1966 <sup>f</sup>
<b>Licenses in effect:</b>							
Power reactors:							
Construction permits and authorizations.....	-	11	5	4	5	7	11
Licenses to operate and operating authoriza- tions (includes possession only).....	-	3	11	13	15	<sup>1</sup> 16	<sup>1</sup> 17
Research and test reactors:							
Construction permits.....	4	18	10	11	5	8	9
Licenses to operate (includes possession only) ..	2	47	64	68	73	72	75
Critical experiment facilities:							
Construction permits.....	2	1	1	2	-	-	-
Licenses to operate (includes possession only) ..	-	14	15	15	16	17	16
Production facilities:							
Construction permits.....	-	-	-	1	1	1	-
Licenses to operate (includes possession only) ..	-	-	-	-	-	-	1
Operator licenses (includes senior) <sup>2</sup> .....	3	563	837	1, 295	1, 554	1, 460	1, 535
Special nuclear material licenses <sup>3</sup> .....	7	362	454	511	571	583	575
Source material licenses <sup>3</sup> .....	1, 763	1, 153	460	499	467	440	427
Byproduct material (radioisotope) licenses <sup>3</sup> .....	(X)	8, 429	7, 910	7, 895	8, 073	8, 454	8, 312
Reactor export licenses issued.....	-	3	4	1	7	4	3
Source material export licenses issued.....	715	696	126	127	131	106	127
<b>Organizations with byproduct (radioisotope) li- censes <sup>4</sup>.....</b>	<b>3, 016</b>	<b>5, 940</b>	<b>5, 881</b>	<b>5, 389</b>	<b>5, 871</b>	<b>6, 153</b>	<b>5, 998</b>
Medical institutions and physicians.....	1, 173	2, 568	2, 278	2, 184	2, 192	2, 169	2, 076
Industrial concerns.....	1, 266	1, 817	1, 783	1, 825	1, 951	2, 117	2, 207
Colleges and universities.....	227	297	314	307	314	313	296
Federal and State laboratories.....	258	1, 153	1, 416	1, 487	1, 322	1, 459	1, 325
Foundations, institutes, and other.....	92	105	90	86	92	95	94
<b>Access permits in effect.....</b>	<b>602</b>	<b>1, 006</b>	<b>688</b>	<b>596</b>	<b>549</b>	<b>505</b>	<b>435</b>
<b>Effective agreements for foreign cooperation.....</b>	<b>22</b>	<b>54</b>	<b>52</b>	<b>54</b>	<b>55</b>	<b>58</b>	<b>62</b>
Research.....	19	27	22	22	22	16	18
Research and power.....	3	13	13	14	14	16	15
Mutual defense.....	-	9	12	12	12	12	12
Other.....	-	5	5	6	7	<sup>5</sup> 14	<sup>5</sup> 17

- Represents zero. X Not applicable.  
<sup>1</sup> Permits authorized construction of 11 reactors in 1965 and 13 in 1966.  
<sup>2</sup> Beginning 1963, each reactor licensee was required to have available a "senior" reactor operator.  
<sup>3</sup> Beginning 1962, State governments began to take over a part of materials licensing under agreements with the A.E.C. As of Dec. 31, 1966, 15 such agreement States had issued or assumed control of 5,387 material licenses not reflected in above figures.  
<sup>4</sup> Beginning 1960, includes only parent organizations, which are issued single basic licenses. Subordinate organizations at various locations included for prior years.  
<sup>5</sup> In 1965 and 1966, 9 and 13 of these agreements, respectively, were trilateral, involving the U.S., the International Atomic Energy Agency (IAEA), and a third country and pertain to the application of the IAEA safeguards system to U.S. supplied materials and equipment.

Source: Atomic Energy Commission; *Semiannual Report*, *Annual Report*, and unpublished data.

No. 791. ATOMIC ENERGY COMMISSION—FINANCES AND EMPLOYMENT: 1955 TO 1966

[Money figures in millions of dollars. For years ending June 30]

ITEM	1955	1960	1962	1963	1964	1965	1966
<b>Appropriations received.....</b>	<b>1, 210</b>	<b>2, 650</b>	<b>2, 547</b>	<b>3, 135</b>	<b>2, 743</b>	<b>2, 625</b>	<b>2, 366</b>
Operations.....	1, 099	2, 387	2, 352	2, 872	2, 343	2, 262	2, 122
Plant and capital equipment.....	111	263	195	263	400	363	244
<b>Plant investment, year end.....</b>	<b>6, 487</b>	<b>7, 345</b>	<b>7, 869</b>	<b>8, 233</b>	<b>8, 578</b>	<b>8, 871</b>	<b>9, 048</b>
Completed plant.....	5, 858	7, 018	7, 365	7, 651	8, 170	8, 470	8, 748
Production plants.....	4, 646	5, 458	5, 345	5, 447	5, 497	5, 464	5, 446
Research and development facilities.....	707	1, 271	1, 714	1, 886	2, 148	2, 370	2, 672
Other.....	505	289	306	318	525	636	630
Construction in progress.....	629	327	504	582	409	401	300
<b>Cost of operations <sup>1</sup>.....</b>	<b>1, 290</b>	<b>2, 619</b>	<b>2, 696</b>	<b>2, 713</b>	<b>2, 739</b>	<b>2, 570</b>	<b>2, 440</b>
Procurement of raw materials.....	194	717	537	478	326	261	206
Production of nuclear materials.....	588	731	689	652	636	571	544
Weapons development and fabrication.....	259	505	706	697	805	763	729
Development of nuclear reactors.....	115	399	433	507	561	536	484
Physical research.....	48	133	172	199	216	237	265
Biology and medicine research.....	29	49	63	71	77	85	91
Community operations (net).....	10	7	4	5	5	4	3
Administrative expenses.....	34	51	61	67	73	80	84
Miscellaneous expenses and income (net).....	13	27	31	38	40	33	34
<b>Employment.....</b>	<b>112, 618</b>	<b>122, 718</b>	<b>126, 623</b>	<b>135, 278</b>	<b>136, 620</b>	<b>133, 912</b>	<b>128, 206</b>
Federal Government.....	6, 076	6, 907	6, 863	7, 120	7, 268	7, 329	7, 443
Contractor operating.....	82, 936	104, 612	106, 394	115, 012	117, 257	114, 783	112, 221
Contractor construction and design.....	23, 606	11, 199	13, 366	13, 146	12, 095	11, 800	8, 542

<sup>1</sup> Includes depreciation.  
Source: Atomic Energy Commission; *Financial Report*.



**No. 792. ATOMIC ENERGY COMMISSION—SELECTED DATA ON NUCLEAR REACTORS, URANIUM, RADIOISOTOPES, AND HEAVY WATER: 1960 TO 1966**

[For years ending June 30, except as noted]

ITEM	1960	1962	1963	1964	1965	1966
<b>NUCLEAR REACTORS</b>						
Development costs <sup>1</sup> .....mll. dol.	399	433	507	561	536	484
Civilian power reactors.....mll. dol.	100	94	88	99	98	120
Military reactors.....mll. dol.	187	130	146	139	116	92
Space propulsion.....mll. dol.	15	43	70	95	93	92
Merchant shlp reactors.....mll. dol.	4	9	8	6	3	—
Auxiliary power sources.....mll. dol.	12	54	75	87	86	68
General.....mll. dol.	81	104	121	137	141	112
Electrical generation: <sup>2</sup>						
Capacity.....net electrical megawatts..	396	833	1,015	1,105	1,057	1,916
Gross output.....1,000 megawatt hours..	591	2,471	3,807	3,814	4,368	6,583
<b>AEC procurement: URANIUM</b>						
Quantity.....tons of U <sub>3</sub> O <sub>8</sub> ..	34,582	29,362	26,981	18,655	15,313	12,427
Domestic sources.....tons of U <sub>3</sub> O <sub>8</sub> ..	16,567	17,255	15,759	12,584	11,319	10,110
Canadian sources.....tons of U <sub>3</sub> O <sub>8</sub> ..	13,443	7,728	7,017	2,239	1,189	718
Overseas sources.....tons of U <sub>3</sub> O <sub>8</sub> ..	4,572	4,379	4,205	3,832	2,805	1,599
Cost.....mil. dol.	704	537	480	328	265	211
Domestic sources.....mil. dol.	298	283	248	202	182	163
Canadian sources.....mil. dol.	296	154	137	39	21	14
Overseas sources.....mil. dol.	110	100	95	87	62	34
Estimated ore reserves <sup>3</sup> .....1,000 tons of contained U <sub>3</sub> O <sub>8</sub> ..	238	167	160	152	145	141
Rated ore milling capacity <sup>3</sup> .....1,000 tons per day..	22	21	18	15	12	13
<b>RADIOISOTOPES <sup>4</sup></b>						
Sales.....\$1,000..	2,209	1,311	1,192	1,279	1,601	1,971
Exports (domestic) <sup>2 5</sup> .....\$1,000..	1,286	1,895	2,548	2,919	6,647	15,641
Imports <sup>2 5 6</sup> .....\$1,000..	1,394	2,159	(NA)	1,869	2,816	2,104
<b>HEAVY WATER</b>						
Sales by AEC.....tons..	86	78	38	30	82	96
Value.....\$1,000..	4,867	4,533	1,937	1,558	4,067	4,767

— Represents zero. NA Not available.

<sup>1</sup> Not fully adjusted for reclassification changes between categories.

<sup>2</sup> Calendar year data. <sup>3</sup> As of December.

<sup>4</sup> The Oak Ridge National Laboratory is the AEC's principal distributor of radioisotopes. Sales are made also by other AEC laboratories, and by commercial suppliers. Sales figures include AEC sales made to commercial suppliers but not by them, and also sales by ORNL to other AEC organizations. Shipments to foreign countries are comprised of shipments made by AEC laboratories and by commercial suppliers.

<sup>5</sup> Source: Dept. of Commerce, Bureau of the Census; annual reports, FT 410, *U.S. Exports, Commodity by Country* and FT 125, *U.S. Imports of Merchandise for Consumption*. <sup>6</sup> Through 1963, includes stable isotopes.

Source: Atomic Energy Commission; *Semiannual Report*, *Annual Report*, and unpublished data, except as noted.

**No. 793. EMPLOYMENT IN THE ATOMIC ENERGY FIELD, BY OCCUPATION AND SEGMENT: 1966**

[As of March. Based on a survey of the atomic energy employment in establishments covering about four-fifths of all workers in the atomic energy field. Excludes persons in uranium mining, in non-AEC owned facilities of educational institutions, and in nuclear facilities construction]

SEGMENT	Total	INDUSTRY		OCCUPATION			
		Gov-ern-ment	Pri-verse	Engi-neers	Scien-tists	Tech-nicians	All other
<b>All activities</b> .....	<b>133,364</b>	<b>101,377</b>	<b>31,987</b>	<b>19,585</b>	<b>11,735</b>	<b>22,828</b>	<b>79,216</b>
AEC laboratory and research facilities.....	47,207	47,207	—	7,672	7,221	10,288	22,026
Atomic energy defense production.....	29,767	29,338	429	2,685	1,114	3,156	22,812
Reactor and reactor components.....	14,165	2,097	12,068	3,781	829	2,410	7,145
Production of feed materials.....	7,039	6,696	343	500	430	570	5,539
Nuclear instrument manufacturing.....	5,469	1,401	4,068	697	373	1,450	2,949
Nuclear design and engineering.....	4,055	1,832	2,223	1,459	87	845	1,664
Private research laboratories.....	2,385	—	2,385	456	663	786	480
Uranium milling.....	2,054	—	2,054	146	22	129	1,757
Fuel element fabrication and recovery activities.....	1,693	—	1,693	218	58	415	1,002
Production of special materials for reactors.....	1,503	—	1,503	132	50	240	1,081
Particle accelerator manufacturing.....	1,098	—	1,098	187	72	266	573
Power reactor operation and maintenance.....	1,066	250	816	192	10	275	589
Processing and packaging radioisotopes.....	642	—	642	29	189	222	202
Industrial radiographic service.....	534	—	534	44	6	434	50
Radioactive waste disposal.....	58	—	58	4	—	29	25
Miscellaneous.....	14,629	12,556	2,073	1,383	611	1,313	11,322

— Represents zero.

Source: Atomic Energy Commission; *Major Activities in the Atomic Energy Programs*. Data from Dept. of Labor, Bureau of Labor Statistics.



No. 794. PATENTS AND TRADEMARKS: 1941 TO 1966

[Covers patents issued to citizens of United States and residents of foreign countries. For information on copy-rights, see table 751. See also *Historical Statistics, Colonial Times to 1957*, series W 66-75 and W 77-78]

ITEM	1941-45	1946-50	1951-55	1956-60	1961-65	1960	1964	1965	1966
Patent applications filed	294, 273	400, 342	379, 053	410, 389	463, 193	84, 475	93, 170	100, 421	98, 654
Inventions.....	265, 417	360, 095	351, 649	384, 782	436, 082	79, 590	87, 597	94, 632	93, 482
Designs.....	27, 536	39, 127	25, 951	23, 865	25, 251	4, 525	5, 259	5, 413	4, 853
Botanical plants.....	262	398	467	584	628	131	120	105	87
Reissues.....	1, 058	722	986	1, 158	1, 232	229	194	271	232
Patents issued <sup>1</sup> .....	184, 492	163, 034	208, 964	251, 872	275, 443	49, 986	50, 390	66, 647	71, 887
Inventions <sup>2</sup> .....	164, 360	144, 076	192, 651	237, 469	259, 971	47, 170	47, 376	62, 857	68, 406
Individuals.....	61, 127	58, 957	78, 459	76, 589	69, 945	13, 069	12, 504	16, 063	16, 018
Corporations:									
United States.....	95, 107	78, 376	100, 278	133, 948	152, 537	28, 187	27, 836	37, 158	41, 634
Foreign.....	5, 147	4, 669	10, 537	21, 043	<sup>3</sup> 30, 992	4, 670	<sup>3</sup> 5, 854	<sup>3</sup> 8, 096	<sup>3</sup> 9, 222
U.S. Government <sup>4</sup> ..	346	1, 761	3, 359	5, 889	6, 497	1, 244	1, 182	1, 540	1, 532
Designs.....	18, 880	18, 016	15, 084	13, 024	13, 862	2, 543	2, 686	3, 424	3, 188
Botanical plants.....	229	334	441	567	576	116	128	120	114
Reissues.....	1, 023	608	788	812	1, 034	157	200	246	179
Certificates of trade-									
marks issued <sup>1</sup> .....	52, 191	85, 611	100, 942	108, 246	106, 635	22, 367	22, 789	21, 666	23, 844
Trademarks.....	34, 435	61, 339	83, 311	90, 727	91, 946	18, 434	20, 087	18, 501	20, 259
Trademark renewals..	17, 756	24, 272	17, 631	17, 519	14, 689	3, 933	2, 702	3, 165	3, 585

<sup>1</sup> Excludes all registration numbers left blank due to withdrawal of patent or trademark before issue.  
<sup>2</sup> 1942 to 1947, includes patents issued to Alien Property Custodian, and 1947 to 1953, those vested in Attorney General, to whom functions of Alien Property Custodian were transferred.  
<sup>3</sup> Includes foreign government patents: 147 in 1964, 210 in 1965, and 253 in 1966.  
<sup>4</sup> 1942 to 1947, excludes patents issued to Alien Property Custodian, and 1947 to 1953, those vested in Attorney General.

Source: Dept. of Commerce, Patent Office; unpublished data. Fiscal-year figures are published in the *Annual Report of the Commissioner of Patents*.

No. 795. FEDERAL SPACE PROGRAM—EXPENDITURES, BY AGENCY: 1959 TO 1968

[In millions of dollars. For years ending June 30]

AGENCY	1959	1960	1961	1962	1963	1964	1965	1966	1967 est.	1968 est.
Total.....	434	888	1, 468	2, 387	4, 079	5, 930	6, 886	7, 719	7, 403	7, 230
National Aero. and Space Admin. <sup>1</sup> .....	59	329	694	1, 226	2, 517	4, 131	5, 035	5, 858	5, 505	5, 190
Department of Defense.....	341	518	710	1, 029	1, 368	1, 564	1, 592	1, 637	1, 680	1, 840
Atomic Energy Commission.....	33	41	64	130	181	220	232	188	183	152
Department of Commerce.....	-	-	-	1	12	12	24	28	30	40
Department of the Interior.....	-	-	-	-	-	-	-	4	4	5
National Science Foundation.....	2	-	-	1	1	3	3	3	2	2

- Represents zero.  
<sup>1</sup> Excludes amounts for aircraft technology.

Source: 1959-1965, Report to the Congress from the President of the United States: *United States Aeronautics and Space Activities, 1966*; thereafter, Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government, 1968*.

**No. 796. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION—EXPENDITURES FOR RESEARCH AND DEVELOPMENT: 1964 TO 1968**

[In millions of dollars. For years ending June 30]

PROGRAM	PERFORMANCE					FACILITIES				
	1964	1965	1966	1967 est.	1968 est.	1964	1965	1966	1967 est.	1968 est.
<b>Total</b> .....	3,733	4,562	5,361	5,320	5,140	438	531	572	280	160
Manned space flight.....	2,436	3,138	3,819	3,685	3,500	332	401	392	140	75
Space applications.....	111	87	112	110	140	1	2	2	-	-
Space sciences.....	603	639	643	640	590	38	23	22	20	10
Space technology.....	382	431	396	405	415	50	53	40	45	25
Aircraft technology.....	39	58	71	90	100	1	-	4	5	10
Supporting operations.....	162	210	321	390	395	16	51	114	70	40

- Represents zero.

Source: Executive Office of the President, Bureau of the Budget; unpublished data.

**No. 797. ORBITAL MANNED SPACECRAFT: 1961 THROUGH APRIL 1967**

COUNTRY, VEHICLE, AND ASTRONAUT	Launch- ing date	PAYLOAD		Perigee (miles)	Apogee (miles)	Revol- utions <sup>2</sup> (num- ber)	Lifetime (hr. : min.)
		Dimensions <sup>1</sup> (ft.)	Liftoff weight (lb.)				
UNITED STATES							
Mercury Atlas: <sup>3</sup>							
VI.....Glenn.....	2-20-62	9.5H-6D	<sup>4</sup> 4,265	100	162.2	3	4:55
VII.....Carpenter.....	5-24-62	9.5H-6D	<sup>4</sup> 4,244	99.9	166.8	3	4:56
VIII.....Schirra.....	10- 3-62	9.5H-6D	<sup>4</sup> 4,325	100	175.8	6	9:13
IX.....Cooper.....	5-15-63	9.6H-6D	<sup>4</sup> 4,000	100.3	165.9	22	34:20
Gemini: <sup>5</sup>							
III.....Grissom and Young.....	3-23-65	18.5H-10D	7,136	95	139	3	4:53
IV.....McDivitt and White.....	6- 3-65	18.5H-10D	7,879	100	184	62	97:56
V.....Cooper and Conrad.....	8-21-65	18.5H-10D	7,879	100	207	120	190:55
VI.....Schirra and Stafford.....	12-15-65	18.5H-10D	7,817	100	193	16	25:51
VII.....Borman and Lovell.....	12- 4-65	18.5H-10D	8,076	100	204	206	330:35
VIII.....Armstrong and Scott.....	3-16-66	18.5H-10D	(NA)	99	186	6.6	10:42
IX.....Cernan and Stafford.....	6-3-66	18.5H-10D	8,100	100	194	45	72:21
X.....Collins and Young.....	7-18-66	18.5H-10D	8,295	100	476	43	70:46
XI.....Conrad and Gordon.....	9-12-66	18.5H-10D	8,374	99	853	44	71:17
XII.....Lovell and Aldrin.....	11-11-66	18.5H-10D	8,296	96	163	59	99:34
U.S.S.R.							
Vostok:							
Spacecraft I.....Gagarin.....	4-12-61	20H	10,418	108.8	187.7	1	1:48
II.....Titov.....	8- 6-61	20H-12-14D	10,430	110.3	115.3	17.5	25:18
III.....Nikolayev.....	8-11-62	(NA)	10,400	107.4	137.2	64+	94:35
IV.....Popovich.....	8-12-62	(NA)	10,400	111	158	48+	70:57
V.....Bykovsky.....	6-14-63	(NA)	10,360	99	120	81	119:06
VI.....Tereshkova.....	6-16-63	(NA)	10,360	108	135	48	70:50
Voskhod:							
I.....Komarov, Yegorov, and Feoktistov.....	10-12-64	(NA)	16,000	111	254	16	24:17
II.....Belyayev and Leonov.....	3-18-65	(NA)	(NA)	107.2	306.9	17	27:02
Soyuz I (Union-I).....Komarov <sup>6</sup> .....	4-23-67	(NA)	(NA)	122.6	137.9	18	26.45

NA Not available. <sup>1</sup> H=height; D=diameter.

<sup>2</sup> A revolution is the distance a spacecraft must travel to return to a specified line of Earth longitude.

<sup>3</sup> Vehicle lift-off weight, 260,000 lb.; dimensions, 93H-16D.

<sup>4</sup> Recovery weight (in pounds): 2,400, 2,480, 2,440, and 2,460, respectively.

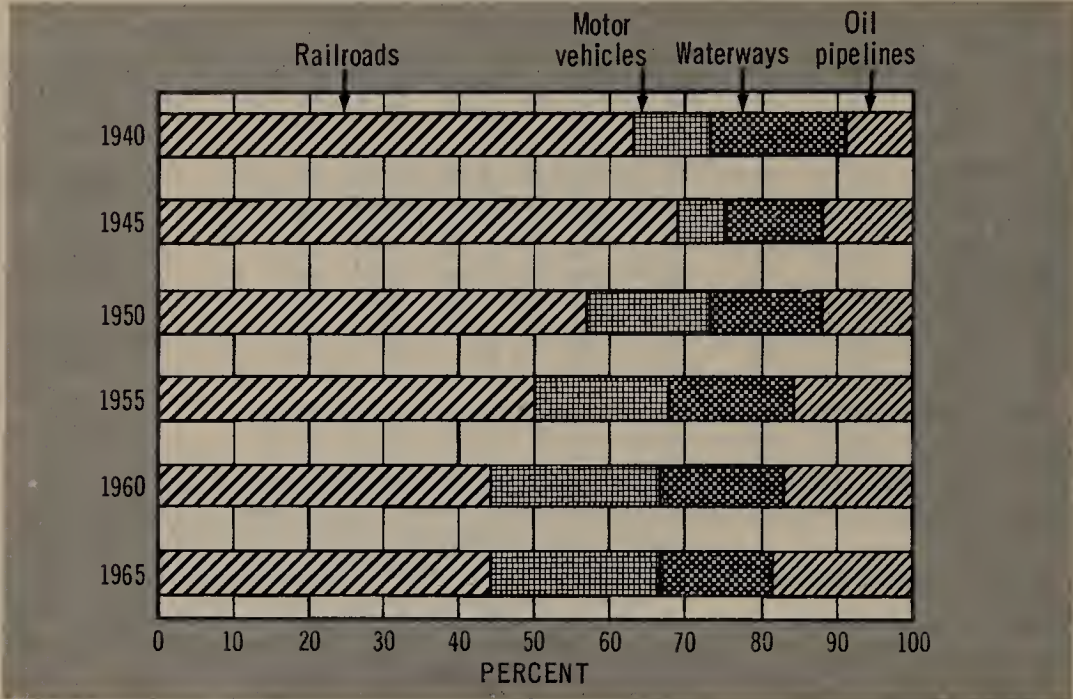
<sup>5</sup> Vehicle lift-off weight, 340,000 lb.; dimensions, 109H-10D; payload recovery weight, 4,700 lb.

<sup>6</sup> Cosmonaut was killed when spacecraft crashed when landing.

Source: National Aeronautics and Space Administration; *Space Activities Summary*, various dates. (For U.S.S.R., based on unofficial data from U.S. and Soviet press and radio.)

FIG. XXXV. PERCENT DISTRIBUTION OF TON-MILES OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1940 TO 1965

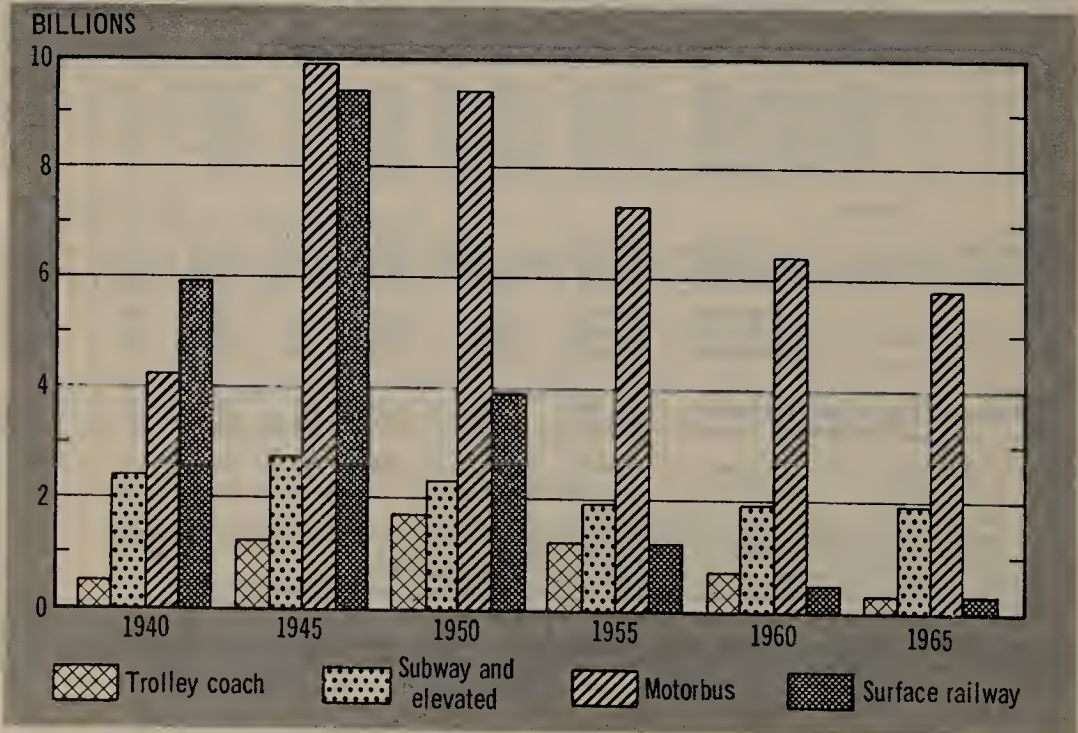
[Airways not shown separately—less than 1 percent. See table 799]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Interstate Commerce Commission.

FIG. XXXVI. PASSENGERS CARRIED BY PUBLIC TRANSPORTATION: 1940 TO 1965

[See table 827]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from American Transit Association, Washington, D.C.



## Section 21

### Transportation—Land

This section presents statistics relating to the mileage, control, and financing of public roads and to the transportation of persons and goods by land. The modes of transport included are passenger car, truck, railroad, bus and streetcar, and pipeline.

The principal compiler of data on public roads and motor-vehicle registrations is the Bureau of Public Roads, of the Department of Transportation, which, since 1945, has issued the annual *Highway Statistics*. Its *Highway Statistics, Summary to 1965*, presents public roads data carried back for 20 to 65 years. The principal sources of land transport data, other than for public roads and motor-vehicle registrations, are the Interstate Commerce Commission's *Annual Report* and its annual *Transport Statistics in the United States*, Part 1, which contains data on railroads. Other important publications of the Interstate Commerce Commission in the field of land transport include the annual *Statistics of Class I Motor Carriers* (issued as Part 7 of *Transport Statistics*); the annual *Statistics of Oil Pipe-Line Companies* (issued as Part 6 of *Transport Statistics*); the annual *Accident Bulletin*, and, for historical data on railroads, *Statistics of Railways in the United States*, published annually from 1887 through 1953. Another basic source of data is the 1963 *Census of Transportation*. It was conducted by the Bureau of the Census and consisted of 4 parts: *Commodity Transportation Survey*, *Passenger Transportation Survey*, *Truck Inventory and Use Survey*, and *Bus and Truck Carrier Survey*.

Additional governmental sources are the Agriculture Department's Bulletin 1279, *Rural Highway Mileage, Income, and Expenditures, 1921-22*, which contains data for the 1904, 1909, 1914, and 1921 road mileage surveys; and the *Census of Manufactures* and the *Annual Survey of Manufactures* of the Bureau of the Census, which contain statistics on the motor-vehicle and equipment industry. Data from these Bureau of the Census reports are included in section 29, Manufactures, of this volume. Non-governmental data can be found in *Cars of Revenue Freight Loaded*, published weekly and annually by the Association of American Railroads, Washington, D.C.; *Bus Facts*, issued annually by the National Association of Motor Bus Owners, Washington; the *Transit Fact Book*, containing street railway and motorbus statistics, published annually by the American Transit Association, Washington; and *Transportation Facts and Trends*, issued by the Transportation Association of America, Washington. Useful annual handbooks in the field of motor-vehicle transport are *Automobile Facts and Figures* and *Motor Truck Facts*, both issued by the Automobile Manufacturers Association, Detroit; *American Trucking Trends*, issued by the American Trucking Association, Washington; and *Accident Facts*, issued by the National Safety Council, Chicago.

**Rural and urban roads.**—The terms "rural," "urban," and "municipal" are used in different ways in different tables in this section. Because of special problems and purposes, it is not possible to apply identical definitions and groupings to all types of data. Definitions are given in table headnotes where pertinent.

**Highway systems.**—The Federal-Aid Highway Act of 1916 provides for the sharing of highway construction costs between the States and the Federal Government with the initiative retained by each State for choosing projects and carrying them out. The planning and development of Federal-aid systems began in 1921. Federal funds share with State funds in costs of engineering, construction, and right-of-way acquisition on the designated systems while other charges, such as maintenance and policing, are borne entirely by the States and local agencies.

The Federal-aid primary system connects all of the principal cities, county seats, ports, manufacturing areas, and other traffic generating areas. In general, these are

the same as the main State trunkline roads. The Federal-aid secondary system consists of important feeder roads linking the farms, factories, distribution outlets, and smaller communities with the primary system.

**Motor carriers.**—Prior to 1950, class I for-hire motor carriers were classified by the Interstate Commerce Commission as those with \$100,000 or more of gross annual operating revenue. Beginning 1950, the class I minimum became \$200,000. Beginning 1957, the class I minimum for motor carriers of property was increased to \$1,000,000; however, the minimum for class I motor carriers of passengers remained at \$200,000.

**Railroads.**—The total railroad mileage of the United States comprises companies reporting to the Interstate Commerce Commission, grouped as follows: (1) Regular interstate carriers (and their nonoperating subsidiaries); (2) switching and terminal railroads; and (3) private railroads (identified by the Commission as "circular" because they report on brief circulars, or as "unofficial" when their reports are received too late for tabulation). For the most part, circular and unofficial companies, and switching and terminal railroads, are not included in the statistics.

Nonoperating subsidiaries comprise proprietary companies, which are covered by the reports of operating carriers, and lessor companies, which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railroads are classified on the basis of operating revenues. Prior to 1956, the classification was as follows: Class I, those having more than \$1,000,000 gross annual operating revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. From 1956 to 1964, the following classification was in effect: Class I, \$3,000,000 or more; and class II, under \$3,000,000. Effective January 1965, the classification was changed to the following: Class I, \$5,000,000 or more; and class II, under \$5,000,000.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

### No. 798. OPERATING REVENUES, BY TRANSPORT AGENCY: 1940 TO 1966

[Excludes Alaska and Hawaii, except as noted]

TRANSPORT AGENCY	1940	1945	1950	1955	1960	1965	1966 (prel.)
REVENUES (mil. dol.)							
Pullman Company.....	60	148	104	95	56	36	35
Electric railways.....	53	87	79	60	23	13	14
Railway Express <sup>1</sup> .....	120	284	223	241	248	316	323
Railroads <sup>2 3</sup> .....	4, 459	9, 136	9, 820	10, 495	9, 899	10, 702	11, 163
Waterlines <sup>4</sup> .....	113	173	330	452	427	426	460
Pipelines (oil) <sup>5</sup> .....	226	304	442	678	770	904	941
Domestic scheduled air carriers <sup>6</sup> .....	77	215	558	1, 215	2, 129	3, 609	4, 070
Motor carriers of property <sup>3</sup> .....	898	1, 840	3, 737	5, 535	7, 214	10, 063	(NA)
Motor carriers of passengers <sup>7</sup> .....	176	652	539	552	667	885	818
INDEX (1957-59=100)							
Railroads <sup>2</sup> .....	43	88	95	101	96	103	108
Pipelines (oil).....	31	41	60	92	104	122	128
Domestic scheduled air carriers <sup>6</sup> .....	4	12	32	70	22	207	234
Motor carriers of property <sup>3</sup> .....	14	28	58	85	111	156	(NA)
Motor carriers of passengers.....	29	107	88	91	109	145	134

NA Not available. <sup>1</sup> After deducting payments to others for express privileges.

<sup>2</sup> Includes line-haul and switching and terminal companies. <sup>3</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>4</sup> Includes only revenues from domestic traffic of carriers under jurisdiction of Interstate Commerce Commission.

<sup>5</sup> Beginning 1960, includes 1 pipeline operating in Alaska.

<sup>6</sup> Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*.

Beginning 1955, includes Alaska and Hawaii. Revenues for scheduled passenger cargo operations.

<sup>7</sup> Excludes motor-carrier revenues of electric railways, included under electric railways.

Source: Interstate Commerce Commission; *Annual Report, Statistics of Class I, II, and III Motor Carriers, 1959-1956* (Statement No. 589), and *Transport Economics*, except as noted.



# No. 799. VOLUME OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1940 TO 1965

[In millions of ton-miles, except percent. Airways, prior to 1959, and other types of transportation, prior to 1960, exclude Alaska and Hawaii, except as noted. A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1957*, series Q 1-11]

YEAR	Total traffic, volume	RAILROADS <sup>1</sup>		MOTOR VEHICLES		INLAND WATERWAYS <sup>2</sup>		OIL PIPELINES		AIRWAYS <sup>3</sup>	
		Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total
1940.....	651,204	411,813	63.24	62,043	9.53	118,057	18.13	59,277	9.10	14	0.002
1945.....	1,072,490	736,184	68.64	66,948	6.24	142,737	13.31	126,530	11.80	91	0.008
1950.....	1,094,160	628,463	57.44	172,860	15.80	163,344	14.93	129,175	11.81	318	0.029
1955.....	1,298,060	654,573	50.43	223,254	17.20	216,508	16.68	203,244	15.66	481	0.037
1956.....	1,376,320	676,974	49.19	248,846	18.08	219,978	15.98	229,959	16.71	563	0.041
1957.....	1,354,012	644,746	47.62	254,174	18.77	231,792	17.12	222,728	16.45	572	0.042
1958.....	1,231,184	574,756	46.68	255,544	20.76	189,016	15.35	211,289	17.16	579	0.047
1959.....	1,302,570	599,547	46.01	278,934	21.41	196,559	15.09	226,991	17.43	739	0.057
1960.....	1,329,995	594,855	44.73	285,483	21.46	220,253	16.56	228,626	17.19	778	0.058
1961.....	1,325,816	585,558	44.17	296,485	22.36	209,706	15.82	233,172	17.59	895	0.068
1962.....	1,387,228	615,720	44.38	309,407	22.30	223,089	16.03	237,723	17.14	1,289	0.093
1963.....	1,464,363	643,664	43.96	331,800	22.66	234,172	15.99	253,431	17.31	1,296	0.089
1964.....	1,549,338	679,171	43.84	349,843	22.58	250,165	16.15	268,655	17.34	1,504	0.097
1965.....	1,659,682	720,835	43.43	370,788	22.34	256,000	15.42	310,149	18.69	1,910	0.115

<sup>1</sup> Includes electric railways, express, and mail.

<sup>2</sup> Includes Great Lakes. Includes Alaska for all years and Hawaii beginning 1959.

<sup>3</sup> Domestic revenue service only. Includes express, mail, and excess baggage.

<sup>4</sup> Includes Alaska and Hawaii.

Source: Interstate Commerce Commission; *Annual Report*, Statement No. 6103, *Intercity Ton-Miles, 1939-1959*, April 1961 and *Transport Economics*, January 1966.

# No. 800. VOLUME OF DOMESTIC INTERCITY PASSENGER TRAFFIC, BY TYPE OF TRANSPORTATION: 1950 TO 1965

[In millions of passenger-miles, except percent. Airways, prior to 1959, and other types of transportation, prior to 1960, exclude Alaska and Hawaii. A passenger-mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue]

YEAR	Total traffic, volume	PRIVATE AUTOMOBILES		AIRWAYS <sup>1</sup>		COMMERCIAL MOTOR CARRIERS		RAILROADS <sup>2</sup>		INLAND WATERWAYS <sup>3</sup>	
		Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total
1950.....	508,478	438,293	86.20	10,072	1.98	26,436	5.20	32,481	6.39	1,190	0.23
1953.....	655,338	575,763	87.86	17,430	2.66	28,397	4.33	32,261	4.92	1,487	0.23
1954.....	673,404	597,054	88.66	19,568	2.91	25,614	3.80	29,467	4.38	1,701	0.25
1955.....	716,062	637,369	89.01	22,741	3.18	25,519	3.56	28,695	4.01	1,738	0.24
1956.....	750,861	669,679	89.19	25,523	3.40	25,189	3.35	28,610	3.81	1,860	0.25
1957.....	748,248	670,484	89.61	28,128	3.76	21,455	2.87	26,251	3.51	1,930	0.26
1958.....	759,848	684,892	90.14	28,522	3.75	20,756	2.73	23,605	3.11	2,073	0.27
1959.....	764,735	687,406	89.89	32,566	4.26	20,364	2.66	22,373	2.93	2,026	0.26
1960.....	784,195	706,079	90.04	33,958	4.33	19,896	2.54	21,574	2.75	2,688	0.34
1961.....	790,810	713,636	90.24	34,599	4.38	19,703	2.49	20,527	2.60	2,345	0.30
1962.....	817,701	735,931	90.00	37,574	4.60	21,279	2.60	20,181	2.47	2,736	0.33
1963.....	851,954	765,877	89.90	42,765	5.02	21,917	2.57	18,632	2.19	2,763	0.32
1964.....	894,893	801,796	89.59	49,185	5.50	22,700	2.54	18,374	2.05	2,838	0.32
1965.....	940,112	838,077	89.15	58,083	6.18	23,294	2.48	17,557	1.87	3,101	0.33

<sup>1</sup> Includes domestic commercial revenue service and private pleasure and business flying.

<sup>2</sup> Includes electric railways.

<sup>3</sup> Includes Great Lakes.

Source: Interstate Commerce Commission; *Annual Report*, and *Transport Economics*, February 1966.



No. 801. RURAL AND MUNICIPAL HIGHWAY MILEAGE, BY GOVERNMENTAL CONTROL: 1930 TO 1965

[In thousands. As of December 31. Prior to 1960, excludes Alaska and Hawaii. Municipal roads are those within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas. All other roads are classed as rural. See *Historical Statistics, Colonial Times to 1957*, series Q 246, and, for similar but not exactly comparable data, series Q 247 and Q 251]

MILEAGE AND CONTROL	1930	1940	1950	1955	1960	1962	1963	1964	1965
Total mileage.....	(NA)	(NA)	3,313	3,418	3,546	3,600	3,620	3,644	3,690
Rural mileage.....	3,009	2,990	2,990	3,045	3,116	3,145	3,145	3,153	3,183
Under State control.....	324	524	581	619	659	674	678	682	687
Under local control.....	2,685	2,466	{ 2,336	2,333	2,345	2,351	2,346	2,344	2,346
Under Federal control.....									
			73	93	112	120	121	127	150
Municipal mileage.....	(NA)	(NA)	323	373	430	455	475	491	507
Under State control.....	(NA)	27	36	42	50	56	59	62	65
Under local control.....	(NA)	(NA)	287	331	380	399	416	429	442

NA Not available.  
Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics*.

No. 802. HIGHWAY MILEAGE OF RURAL ROADS: 1930 TO 1965

[In thousands. As of December 31. Prior to 1960, excludes Alaska and Hawaii. For definition of rural roads, see headnote, table 801. See *Historical Statistics, Colonial Times to 1957*, series Q 247-250, for similar but not exactly comparable data]

TYPE AND CONTROL	1930	1940	1950	1955	1960	1962	1963	1964	1965
All rural roads.....	3,009	2,990	2,990	3,045	3,116	3,145	3,146	3,153	3,183
Primary State highways.....	324	{ 329	363	387	403	407	409	411	414
Secondary State highways.....									
County roads under State control.....	-	114	122	131	136	137	136	136	137
County and local roads <sup>1</sup> .....	2,685	2,466	2,417	2,436	2,472	2,491	2,489	2,494	2,520
Surfaced rural roads.....	694	1,340	1,679	1,942	2,165	2,229	2,253	2,272	2,302
Primary State highways.....	227	{ 302	351	381	399	402	405	406	410
Secondary State highways.....									
County roads under State control.....	-	65	73	84	100	105	107	108	108
County and local roads <sup>1</sup> .....	467	918	1,172	1,374	1,555	1,607	1,626	1,642	1,666
Nonsurfaced rural roads <sup>2</sup> .....	2,315	1,650	1,311	1,103	951	916	892	881	881
Primary State highways.....	97	{ 27	12	6	4	5	4	5	4
Secondary State highways.....									
County roads under State control.....	-	16	15	7	5	5	4	4	4
County and local roads <sup>1,2</sup> .....	2,218	1,548	1,245	1,062	917	884	863	852	854

- Represents zero. <sup>1</sup> Includes mileage in national and State parks, forests, reservations, etc., not included as part of State or local systems. <sup>2</sup> Includes mileage not classified by type of surface.  
Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics*.

No. 803. HIGHWAY CONSTRUCTION—CONTRACTS AWARDED: 1947 TO 1966

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Covers Federally and State owned highways only; includes force-account construction authorized to start]

OWNERSHIP AND SOURCE OF FUNDS	1947	1950	1955	1960	1962	1963	1964	1965	1966
Total.....	917	1,528	2,619	4,030	4,336	4,417	4,861	4,933	5,458
Federally owned highways.....	25	36	59	129	95	142	116	130	126
State owned highways.....	892	1,492	2,560	3,901	4,241	4,275	4,745	4,803	5,332
Federally aided projects:									
Total value.....	635	798	1,256	3,097	3,253	3,730	4,055	3,899	4,173
Federal funds.....	329	415	667	2,218	2,506	2,770	3,084	2,979	3,131
Independent State projects:									
Total value.....	257	694	1,304	804	988	546	690	904	1,159
Toll facilities.....	(NA)	228	695	165	326	27	82	49	99

NA Not available.  
Source: Dept. of Commerce, Bureau of the Census. In Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.

## No. 804. MUNICIPAL AND RURAL HIGHWAY MILEAGE—STATES: 1965

[As of December 31. For definition of municipal and rural roads, see headnote, table 801. Compiled for latest available year from reports of State authorities and planning survey data]

STATE	Total municipal and rural	Municipal	RURAL					
			Total	Type		Governmental control		
				Surfaced	Nonsurfaced	State <sup>1</sup>	Local	Federal <sup>2</sup>
<b>United States</b> .....	3,689,666	506,446	3,183,220	2,302,119	881,101	<sup>3</sup> 686,703	2,346,443	150,074
Alabama.....	76,797	10,558	66,239	57,514	8,725	18,242	47,997	-
Alaska.....	6,587	480	6,107	2,467	3,640	4,356	1,655	96
Arizona.....	39,087	5,385	33,702	13,611	20,091	4,987	16,357	12,358
Arkansas.....	79,955	8,027	71,928	45,068	26,860	12,121	57,856	1,951
California.....	164,248	38,946	125,302	76,603	48,699	14,589	79,007	31,706
Colorado.....	80,123	6,060	74,063	40,337	33,726	8,092	65,868	103
Connecticut.....	17,672	12,467	5,205	5,117	88	1,499	3,706	-
Delaware.....	4,791	1,347	3,444	3,433	11	3,444	-	-
Dist. of Columbia.....	1,083	1,083	(X)	(X)	(X)	(X)	(X)	(X)
Florida.....	79,156	18,332	60,824	37,234	23,590	15,471	45,353	-
Georgia.....	96,819	13,612	83,207	51,529	31,678	15,067	68,093	47
Hawaii.....	3,308	876	2,432	2,252	180	1,010	1,331	91
Idaho.....	53,335	2,688	50,647	25,834	24,813	4,667	26,769	19,211
Illinois.....	128,567	26,012	102,555	95,194	7,361	13,064	89,491	-
Indiana.....	103,894	17,641	86,253	80,642	5,611	10,116	76,137	-
Iowa.....	112,273	12,530	99,743	91,346	8,397	9,133	90,610	-
Kansas.....	132,771	9,031	123,740	81,611	42,129	9,985	113,746	9
Kentucky.....	70,145	4,789	65,356	50,331	15,025	21,015	44,077	264
Louisiana.....	49,932	9,375	40,557	35,109	5,448	14,171	26,386	-
Maine.....	21,081	2,448	18,633	16,530	2,103	10,830	7,658	145
Maryland.....	25,199	3,844	21,355	21,287	68	4,930	16,310	115
Massachusetts.....	27,089	19,680	7,409	6,541	868	1,078	6,331	-
Michigan.....	113,198	18,397	94,801	75,958	18,843	7,998	86,803	-
Minnesota.....	125,752	15,524	110,228	97,794	12,434	11,274	97,175	1,779
Mississippi.....	65,292	6,144	59,148	56,079	3,069	9,816	49,140	192
Missouri.....	113,937	14,341	99,596	90,613	8,983	29,899	69,099	598
Montana.....	72,711	2,072	70,639	34,816	35,823	11,422	51,304	7,913
Nebraska.....	103,034	6,031	97,003	61,949	35,054	9,292	87,424	287
Nevada.....	46,680	1,611	45,069	13,075	31,994	6,209	38,859	1
New Hampshire.....	14,459	1,615	12,844	10,123	2,721	3,924	8,834	86
New Jersey.....	32,452	11,358	21,094	18,894	2,200	1,776	19,318	-
New Mexico.....	66,386	3,596	62,790	15,546	47,244	11,487	46,011	5,292
New York.....	103,114	18,276	84,838	75,665	9,173	13,958	70,870	10
North Carolina.....	83,946	12,646	71,300	62,231	9,069	69,717	-	1,583
North Dakota.....	107,112	2,992	104,120	61,974	42,146	6,308	97,269	543
Ohio.....	106,674	22,258	84,416	82,738	1,678	15,988	68,428	-
Oklahoma.....	106,769	11,914	94,855	63,162	31,693	11,488	83,367	-
Oregon.....	83,592	5,566	78,026	46,314	31,712	8,641	34,455	34,930
Pennsylvania.....	111,521	22,603	88,918	69,875	19,043	42,630	45,980	308
Rhode Island.....	4,644	3,825	819	738	81	333	486	-
South Carolina.....	58,420	5,979	52,441	30,453	21,988	28,737	23,704	-
South Dakota.....	85,253	2,855	82,398	53,727	28,671	8,104	72,619	1,675
Tennessee.....	76,437	8,942	67,495	65,747	1,748	8,092	58,462	941
Texas.....	240,527	43,449	197,078	129,838	67,240	57,827	139,251	-
Utah.....	37,748	4,132	33,616	17,126	16,490	5,126	19,855	8,635
Vermont.....	13,781	907	12,874	10,897	1,977	2,190	10,660	24
Virginia.....	58,875	7,525	51,350	50,141	1,209	48,862	740	1,748
Washington.....	71,737	9,397	62,340	49,843	12,497	10,488	39,293	12,559
West Virginia.....	35,131	3,050	32,081	22,110	9,971	31,207	-	874
Wisconsin.....	100,298	13,040	87,258	81,271	5,987	10,600	76,592	66
Wyoming.....	76,274	1,190	75,084	13,832	61,252	5,443	65,707	3,934

- Represents zero. X Not applicable.

<sup>1</sup> Includes 23,457 miles of State park, forest, institutional, and other roads, rural and municipal, that are not part of State or local highway systems. Also includes 3,963 miles of toll roads, bridges, tunnels, etc.

<sup>2</sup> Comprises mileage of roads not forming a part of State or local highway systems.

<sup>3</sup> Includes mileage of county roads under State control in Alabama (8 counties), Delaware, Nevada, North Carolina, Virginia (all but 2 counties), and West Virginia; farm-to-market system in Louisiana; and the State-aid system in Maine.

Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics, 1965*.



No. 805. MILEAGE AND COST OF DESIGNATED FEDERAL-AID HIGHWAY SYSTEMS: 1917 TO 1966

[Prior to 1959, excludes Alaska; includes Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series Q 261-264]

PERIOD OR YEAR	MILES OF HIGHWAY (1,000)		COST <sup>3</sup> (mil. dol.)			YEAR	MILES OF HIGHWAY (1,000)		COST <sup>3</sup> (mil. dol.)		
	Total exist- ent <sup>1</sup>	Com- pleted during year <sup>2</sup>	Total	Federal funds	State funds		Total exist- ent <sup>1</sup>	Com- pleted during year <sup>2</sup>	Total	Federal funds	State funds
1917-1921--	(NA)	13	222	95	127	1959-----	854	33	3,709	2,518	1,191
1925-----	179	11	221	100	121	1960-----	867	21	3,264	2,273	992
1930-----	193	10	237	100	137	1961-----	880	21	3,265	2,339	925
1935-----	214	13	242	218	24	1962-----	887	21	3,423	2,437	986
1940-----	234	12	269	150	119	1963-----	892	20	3,790	2,767	1,023
1945-----	233	3	101	76	25	1964-----	901	19	4,560	3,385	1,175
1950-----	641	20	753	390	364	1965-----	909	17	4,569	3,430	1,139
1955-----	742	23	1,287	666	621	1966-----	(NA)	16	5,362	4,151	1,211

NA Not available.  
<sup>1</sup> Through 1945, total existing mileage of Federal-aid primary system; beginning 1950, includes secondary system. Through 1955, data as of June 30; thereafter, as of Dec. 31.  
<sup>2</sup> Comprises construction and reconstruction mileage.  
<sup>3</sup> Represents actual expenditures of funds on calendar-year basis. Beginning 1935, includes money spent on public works and defense highways. Beginning 1940, includes secondary highways.  
Source: Dept. of Transportation, Bureau of Public Roads; annual reports, *Highway Statistics* and *Highway Progress, 1966*, and releases.

No. 806. FEDERAL-AID PAYMENTS TO STATE AND LOCAL GOVERNMENTS FOR HIGHWAY CONSTRUCTION—STATES AND PUERTO RICO: 1960 TO 1966

[In millions of dollars. For years ending June 30]

STATE OR OTHER AREA	1960	1964	1965	1966	STATE OR OTHER AREA	1960	1964	1965	1966
Total----	2,941.7	<sup>1</sup> 3,644.2	4,017.7	<sup>2</sup> 3,975.2	Mo-----	76.2	86.6	113.9	128.9
U.S.-----	2,942.8	3,631.6	3,993.2	3,914.3	Mont-----	30.7	52.0	59.1	51.6
Ala-----	50.9	49.4	90.5	93.2	Nebr-----	27.2	39.2	37.3	36.1
Alaska-----	16.1	48.0	53.3	45.0	Nev-----	10.1	32.3	41.5	35.4
Ariz-----	30.6	41.9	66.3	65.9	N.H-----	19.7	18.2	16.1	17.7
Ark-----	31.9	49.2	38.8	52.5	N.J-----	53.1	65.5	65.1	64.8
Calif-----	171.8	300.3	324.3	343.0	N. Mex-----	25.6	36.8	47.8	62.4
Colo-----	36.0	44.0	60.6	54.4	N.Y-----	217.2	175.9	197.5	177.9
Conn-----	28.7	53.4	48.4	51.8	N.C-----	59.4	47.2	51.1	54.6
Del-----	8.2	9.9	16.7	20.4	N. Dak-----	32.7	30.2	31.1	23.4
D.C-----	16.1	33.8	26.4	20.1	Ohio-----	158.9	222.6	185.8	212.6
Fla-----	74.5	93.0	87.6	85.3	Okla-----	33.2	48.4	57.5	48.7
Ga-----	60.6	86.9	81.1	79.8	Oreg-----	54.2	76.2	76.8	76.2
Hawaii-----	4.3	8.7	9.7	18.8	Pa-----	116.5	146.7	141.9	193.4
Idaho-----	25.7	25.3	39.6	31.5	R.I-----	12.5	17.9	24.8	13.6
Ill-----	200.1	195.5	209.0	140.3	S.C-----	46.8	32.3	34.7	39.7
Ind-----	74.4	84.3	92.9	89.7	S. Dak-----	26.1	32.0	45.4	32.6
Iowa-----	67.7	53.6	53.4	56.1	Tenn-----	66.9	98.7	108.4	102.7
Kans-----	51.3	44.4	50.8	47.4	Tex-----	197.7	180.0	216.3	183.0
Ky-----	66.0	76.6	60.1	67.8	Utah-----	33.5	42.7	60.9	56.5
La-----	69.8	96.8	102.9	78.0	Vt-----	16.6	20.3	24.7	29.4
Maine-----	19.9	24.0	23.8	26.6	Va-----	53.4	114.5	163.4	149.0
Md-----	27.3	40.2	49.7	36.8	Wash-----	44.1	71.3	75.2	94.0
Mass-----	66.8	71.1	77.6	71.9	W. Va-----	46.8	26.8	55.8	68.9
Mich-----	96.4	161.3	132.8	143.5	Wis-----	61.4	59.4	53.7	48.3
Minn-----	64.9	84.7	105.0	101.6	Wyo-----	26.1	36.5	48.3	38.3
Miss-----	36.2	45.1	57.8	53.1	P.R-----	7.3	6.7	6.9	8.6
					Undist. to States, etc--	<sup>3</sup> 8.4	5.9	17.3	52.3

<sup>1</sup> Includes \$0.4 million for "Control of Outdoor Advertising."  
<sup>2</sup> Includes \$8.9 million for Appalachian highways, \$1.1 million for control of outdoor advertising and junkyards, and \$1.4 million for landscaping and scenic enhancement.  
<sup>3</sup> Deduct.

Source: Treasury Dept.; *Annual Report of the Secretary*.



## Federal-Aid Highway Systems

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## No. 807. DESIGNATED FEDERAL-AID HIGHWAY SYSTEMS, 1965, AND PROJECTS, 1966—STATES AND PUERTO RICO

[Money figures in millions of dollars. Systems as of December 31, and projects as of June 30. Projects comprise those financed from the Federal-aid primary, secondary, urban, and interstate funds. See text, pp. 551 and 552]

STATE OR OTHER AREA	SYSTEMS (miles), 1965				PROJECTS, 1966 <sup>1</sup>					
	Primary			Secondary	Completed during fiscal year			Under construction		
	Total	National system of interstate highways			Miles	Total cost	Federal funds	Miles	Total cost	Federal funds
		Total	Open to traffic							
Total.....	268,898	240,931	21,185	639,824	16,388	5,002.3	3,829.6	25,440	12,274.9	9,640.9
United States.....	268,361	240,931	21,185	638,693	16,378	4,986.5	3,822.0	25,381	12,239.8	9,623.7
Alabama.....	6,612	874	346	25,148	535	79.9	60.1	554	295.9	241.4
Alaska.....	3,285	-	-	2,261	243	56.8	52.9	443	89.3	84.7
Arizona.....	3,450	1,167	645	4,004	364	88.8	77.5	332	109.6	99.1
Arkansas.....	4,112	520	178	13,829	462	97.6	77.0	634	121.4	93.1
California.....	9,713	2,165	993	12,995	378	330.7	254.6	602	1,398.1	1,122.9
Colorado.....	4,568	946	492	4,188	399	92.1	71.8	321	85.0	69.4
Connecticut.....	1,283	296	234	1,245	54	118.8	89.8	16	163.0	128.8
Delaware.....	660	41	17	1,476	32	15.8	10.3	104	81.8	65.0
Dist. of Columbia.....	167	29	10	126	12	47.0	37.6	4	61.8	51.4
Florida.....	5,476	1,151	472	15,056	290	97.0	73.0	374	181.1	141.1
Georgia.....	9,066	1,105	477	19,985	280	64.3	47.2	1,152	421.7	326.5
Hawaii.....	512	49	4	654	34	31.1	19.7	22	59.1	48.3
Idaho.....	3,291	609	327	5,670	237	31.5	24.5	217	73.3	60.8
Illinois.....	11,458	1,632	887	14,508	433	226.6	176.1	584	423.1	334.5
Indiana.....	6,053	1,116	556	18,749	118	73.8	55.3	334	309.2	236.4
Iowa.....	10,096	709	377	33,427	453	52.8	37.1	1,449	183.4	140.3
Kansas.....	7,746	799	585	24,336	570	30.8	17.6	1,360	140.2	98.2
Kentucky.....	4,582	733	304	15,223	143	61.9	44.9	203	219.6	176.3
Louisiana.....	3,308	667	216	8,875	170	118.8	97.6	424	409.4	334.5
Maine.....	1,969	312	190	2,512	120	24.6	17.7	187	51.1	37.4
Maryland.....	2,477	355	251	7,659	151	59.6	45.6	245	156.4	119.6
Massachusetts.....	2,364	456	316	2,283	74	104.5	84.3	117	306.5	243.7
Michigan.....	7,039	1,082	789	26,604	660	99.2	67.9	984	477.9	366.9
Minnesota.....	8,524	901	277	30,775	739	129.2	103.1	1,462	366.3	293.7
Mississippi.....	5,866	678	282	16,496	581	72.1	53.5	833	161.6	123.9
Missouri.....	8,889	1,120	706	23,163	359	170.8	132.7	317	298.2	235.5
Montana.....	6,474	1,177	408	5,702	261	46.5	34.6	547	153.9	126.1
Nebraska.....	5,905	478	241	17,825	627	61.3	42.6	760	86.6	63.3
Nevada.....	2,287	535	258	3,349	119	23.2	21.8	198	94.1	88.3
New Hampshire.....	1,256	214	136	1,678	36	18.9	12.4	57	38.5	29.7
New Jersey.....	2,189	373	152	2,222	40	64.5	53.1	102	456.0	349.5
New Mexico.....	4,096	1,003	517	5,759	362	60.3	50.2	260	99.5	86.1
New York.....	12,719	1,234	909	19,347	309	350.3	257.0	423	622.3	441.2
North Carolina.....	4,760	769	395	29,403	261	49.4	29.1	443	225.5	154.9
North Dakota.....	4,660	571	326	13,260	519	26.8	18.6	1,225	62.9	46.1
Ohio.....	8,144	1,526	948	21,264	451	506.8	402.2	424	530.9	424.4
Oklahoma.....	8,128	796	547	13,786	496	56.5	37.4	483	139.7	108.6
Oregon.....	4,074	731	588	8,171	163	85.7	63.6	179	176.2	144.0
Pennsylvania.....	8,499	1,585	927	13,469	201	187.4	143.1	420	610.3	471.6
Rhode Island.....	442	71	33	534	20	67.5	51.0	26	39.6	25.0
South Carolina.....	5,295	679	346	20,057	585	41.1	25.5	1,350	112.6	80.3
South Dakota.....	6,020	679	334	12,931	626	41.4	27.6	747	58.1	45.2
Tennessee.....	6,772	1,049	408	11,786	595	126.4	100.7	744	347.5	271.3
Texas.....	17,590	3,024	1,607	37,968	1,239	235.0	180.4	1,717	447.7	351.3
Utah.....	2,367	934	187	3,956	173	46.2	40.1	142	110.3	101.7
Vermont.....	1,675	320	109	1,886	103	44.5	37.1	100	57.5	45.7
Virginia.....	5,696	1,059	495	18,736	409	164.9	130.4	436	436.0	364.3
Washington.....	3,959	725	382	11,789	307	147.4	111.2	322	177.9	141.3
West Virginia.....	2,482	516	189	10,895	32	65.3	53.3	224	305.2	235.5
Wisconsin.....	6,365	459	307	19,116	331	48.2	32.6	540	141.6	99.0
Wyoming.....	3,941	912	505	2,557	222	44.9	37.0	238	65.4	55.9
Puerto Rico.....	537	-	-	1,131	10	15.8	7.6	59	35.1	17.2

- Represents zero.

<sup>1</sup> Excludes highway planning and research work financed with 1½ percent Federal-aid highway funds available pursuant to 23 U.S.C. 307(c)(2). (Completed, \$50.4 million total cost, \$37.5 million Federal funds; underway, \$167.3 million total cost, \$126.9 million Federal funds.)

<sup>2</sup> Full authorization 41,000 miles. The 69 mile difference between full authorization and miles reported includes routes for which final locations not yet determined.

Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Supplement to Highways & Human Values*, 1966.

## No. 808. DISBURSEMENTS OF STATE HIGHWAY FUNDS—STATES: 1940 TO 1965

[In millions of dollars. Comprises disbursements, whether from current revenues or proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Includes transactions by State toll authorities. Beginning 1965, excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding]

STATE	1940	1945	1950	1955	1960	1962	1963	1964	1965
United States <sup>1</sup> .....	1, 678	1, 302	3, 562	6, 034	8, 957	10, 451	11, 248	12, 018	11, 465
Alabama.....	28	26	49	87	174	149	162	214	228
Alaska.....	(NA)	(NA)	(NA)	(NA)	19	34	49	70	71
Arizona.....	9	6	20	33	72	93	95	101	106
Arkansas.....	18	15	46	55	95	108	128	110	119
California.....	99	138	268	558	786	1, 010	1, 047	1, 242	1, 110
Colorado.....	15	12	38	56	91	96	108	128	129
Connecticut.....	23	15	38	79	161	184	207	212	216
Delaware.....	4	3	32	26	36	51	68	83	87
Dist. of Columbia.....	7	4	11	24	48	59	53	59	42
Florida.....	39	36	93	152	316	375	374	406	316
Georgia.....	39	24	74	109	167	238	239	217	208
Hawaii.....	(NA)	(NA)	(NA)	(NA)	23	27	25	31	35
Idaho.....	8	6	19	27	44	56	54	57	66
Illinois.....	71	53	113	229	475	448	476	571	471
Indiana.....	40	35	69	200	241	235	253	300	286
Iowa.....	33	23	79	109	169	157	189	199	193
Kansas.....	21	16	50	110	109	110	124	141	134
Kentucky.....	26	20	67	102	138	249	280	225	223
Louisiana.....	30	22	71	115	204	215	257	257	240
Maine.....	14	10	24	65	62	67	72	73	80
Maryland.....	27	19	84	138	166	218	228	231	217
Massachusetts.....	38	21	98	203	237	270	283	357	284
Michigan.....	67	50	106	249	418	463	441	411	427
Minnesota.....	31	23	65	101	167	162	185	223	230
Mississippi.....	31	23	42	75	110	117	139	146	160
Missouri.....	28	21	53	105	165	192	234	254	241
Montana.....	12	7	22	30	54	65	81	86	86
Nebraska.....	20	16	36	59	95	99	106	106	97
Nevada.....	4	2	9	15	22	35	45	65	58
New Hampshire.....	8	7	14	30	50	48	51	51	51
New Jersey.....	58	46	188	303	221	338	388	416	291
New Mexico.....	13	8	26	39	64	66	82	82	101
New York.....	199	114	304	471	652	820	793	784	752
North Carolina.....	40	29	136	141	179	210	202	205	219
North Dakota.....	7	6	22	28	50	42	60	65	51
Ohio.....	93	76	147	383	523	600	600	603	661
Oklahoma.....	24	24	73	113	134	165	204	200	179
Oregon.....	18	14	50	79	113	139	161	179	185
Pennsylvania.....	128	73	279	350	423	557	555	625	667
Rhode Island.....	8	6	14	30	42	45	55	64	62
South Carolina.....	23	22	46	57	109	95	101	105	114
South Dakota.....	9	6	20	34	57	60	75	90	68
Tennessee.....	34	32	79	108	187	211	244	259	238
Texas.....	80	67	178	282	493	510	563	601	513
Utah.....	6	6	15	23	49	63	71	89	89
Vermont.....	8	4	10	17	43	50	47	47	53
Virginia.....	28	29	76	112	211	287	334	335	353
Washington.....	40	29	78	127	171	220	282	248	235
West Virginia.....	26	27	51	64	110	99	109	136	169
Wisconsin.....	41	28	68	109	171	192	212	188	189
Wyoming.....	6	3	14	22	44	54	57	71	65

NA Not available.

<sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.

Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics*.

**No. 809. STATE HIGHWAY FUNDS AVAILABLE, BY SOURCE, AND DISBURSEMENTS,  
BY PURPOSE—STATES: 1965**

[In millions of dollars. Comprises receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway departments, which were reported as being applied to highway purposes. Includes transactions of interstate and intrastate toll authorities that are operated by State or quasi-State agencies. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also *Historical Statistics, Colonial Times to 1957*, series Q 266-278]

STATE	FUNDS AVAILABLE					DISBURSEMENTS				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from issue of bonds	All other sources <sup>1</sup>	Total	For State-administered highways			For county and local roads and streets <sup>4</sup>
							Capital outlay, roads and bridges <sup>2</sup>	Maintenance and traffic services <sup>2</sup>	Other <sup>3</sup>	
<b>United States</b> .....	<b>14,800</b>	<b>6,068</b>	<b>3,863</b>	<b>587</b>	<b>4,282</b>	<b>11,465</b>	<b>6,458</b>	<b>1,310</b>	<b>1,660</b>	<b>2,037</b>
Alabama.....	259	101	85	50	23	228	119	22	25	62
Alaska.....	99	9	53	-	37	71	55	9	6	1
Arizona.....	127	54	58	-	15	106	66	9	11	20
Arkansas.....	148	75	42	-	31	119	64	20	17	18
California.....	1,271	724	310	-	237	1,110	669	63	107	271
Colorado.....	164	67	59	-	38	129	80	13	12	24
Connecticut.....	311	82	44	48	137	216	130	22	53	11
Delaware.....	186	21	20	16	129	87	53	10	22	2
Dist. of Columbia.....	43	15	21	4	3	42	(X)	(X)	(X)	42
Florida.....	682	162	85	38	397	316	219	30	51	16
Georgia.....	326	114	86	-	126	208	113	18	21	56
Hawaii.....	45	15	13	5	12	35	19	4	5	7
Idaho.....	70	29	34	-	7	66	41	7	6	12
Illinois.....	651	297	137	-	217	471	203	54	67	147
Indiana.....	349	184	78	5	82	286	111	34	40	101
Iowa.....	237	130	49	-	58	193	87	18	11	77
Kansas.....	179	73	49	-	57	134	75	23	18	18
Kentucky.....	348	107	66	-	175	223	132	32	43	16
Louisiana.....	332	92	95	-	145	240	145	23	38	34
Maine.....	103	37	28	-	38	80	42	17	18	3
Maryland.....	292	135	36	23	98	217	88	16	59	54
Massachusetts.....	399	125	86	30	158	284	128	35	95	26
Michigan.....	576	260	144	-	172	427	173	33	84	137
Minnesota.....	336	127	101	3	105	230	140	28	13	49
Mississippi.....	193	71	66	13	43	160	79	11	20	50
Missouri.....	283	137	94	-	52	241	163	39	21	18
Montana.....	94	29	55	-	10	86	69	8	5	4
Nebraska.....	96	62	35	-	-1	97	47	11	7	32
Nevada.....	67	20	39	-	8	58	43	5	6	4
New Hampshire.....	58	25	16	10	7	51	27	11	11	2
New Jersey.....	416	125	62	-	229	291	156	37	77	21
New Mexico.....	106	39	58	2	7	101	76	13	8	4
New York.....	958	315	197	72	374	752	402	102	142	106
North Carolina.....	308	171	57	-	80	219	114	58	38	9
North Dakota.....	62	26	25	-	11	51	28	5	4	14
Ohio.....	815	371	198	90	156	661	361	44	99	157
Oklahoma.....	230	96	54	-	80	179	92	19	21	47
Oregon.....	223	81	98	-	44	185	84	36	22	43
Pennsylvania.....	746	351	161	15	219	667	356	109	146	56
Rhode Island.....	76	25	21	8	22	62	46	7	8	1
South Carolina.....	153	74	39	(Z)	40	114	72	19	14	9
South Dakota.....	73	31	33	-	9	68	45	6	6	11
Tennessee.....	258	128	98	13	19	238	143	15	15	65
Texas.....	673	318	200	34	121	513	366	77	33	37
Utah.....	97	30	60	-	7	89	69	8	7	5
Vermont.....	52	21	29	6	-4	53	33	7	7	6
Virginia.....	458	158	146	34	120	353	242	46	50	15
Washington.....	263	115	78	11	59	235	132	25	31	47
West Virginia.....	206	70	67	57	12	169	122	24	23	-
Wisconsin.....	216	127	50	-	39	189	89	23	12	65
Wyoming.....	87	17	48	-	22	65	50	5	5	5

- Represents zero. X Not applicable. Z Less than \$500,000.

<sup>1</sup> Balances from 1964, totaling \$3,242 million, and other current revenues, totaling \$1,040 million.

<sup>2</sup> Includes some administration, engineering, and miscellaneous disbursements.

<sup>3</sup> Includes disbursements of \$482 million for administration and miscellaneous, \$363 million for highway law enforcement, \$369 million for bond interest, and \$446 million for bond redemption.

<sup>4</sup> Expenditures on county roads under State control in Ala. (8 counties), Del., N.C., Va. (all except 2 counties), and W. Va. included with those for State-administered highways.

Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics, 1965*.



No. 810. FEDERAL AND STATE MOTOR-FUEL TAX—STATES: 1940 TO 1966  
[Cents per gallon. Where 2 figures appear in a cell, the former is tax in effect at beginning of year, the latter is tax at end of year. See also *Historical Statistics, Colonial Times to 1957*, series Q 328-329]

STATE	1940	1950	1960	1965	1966 <sup>1</sup>	STATE	1940	1950	1960	1965	1966 <sup>1</sup>
Federal tax	1-1.5	1.5	4	4	4	Mississippi	6	6-7	4 7	4 7	4 5 7
State average <sup>2</sup>	3.96	4.65	5.94	6.41	6.42	Missouri	2	2	3	5	5
Alabama	6	6	7	7	7	Montana	5	6	4 6	4 6	4 6
Alaska	( <sup>3</sup> )	( <sup>3</sup> )	5-7	8	8	Nebraska	5	6-5	7	7-7.5	7.5
Arizona	5	5	5	6-7	7	Nevada	4	4.5	6	6 6	6 6
Arkansas	6.5	6.5	6.5	4 6.5-7.5	4 7.5	New Hampshire	4	4	7	7	7
California	3	4.5	4 6	7-8-7	5 7	New Jersey	3	3	5	6	6
Colorado	4	6	6	6-7	7-6	New Mexico	5	7	6	6	6
Connecticut	3	4	6	6	6	New York	4	4	4 6	4 6	4 6
Delaware	4	5	5	6-7	7	North Carolina	6	7	7	7	7
Dist. of Col.	2	4	6	6	6	North Dakota	4	4	6	6	6
Florida	7	7	7	7	7	Ohio	4	4	7	7	7
Georgia	6	7	6.5	6.5	6.5	Oklahoma	4	6.5	6.5	6.5	6.5
Hawaii	4	4	6 5	6 5	6 5	Oregon	5	6	6	6	6
Idaho	5.1	6	6	6	6	Pennsylvania	4	5	5	7	7
Illinois	3	3	5	5	5	Rhode Island	3	4	6-7	7	7
Indiana	4	4	6	6	6	South Carolina	6	6-7	7	7	7
Iowa	3	4	4 6	4 6-7	4 7	South Dakota	4	4	4 6	4 6	4 6
Kansas	3	5	4 5	4 5	4 5	Tennessee	7	7	7	4 7	4 7
Kentucky	5	7	7 7	7 7	7 7	Texas	4	4	4 5	4 5	4 5
Louisiana	7	9	7	7	7	Utah	4	4	6	6	6
Maine	4	6	7	7	7	Vermont	4	5	4 6.5	4 6.5	4 6.5
Maryland	4	5	6	7	7	Virginia	5	6	7 6-7	7 7	7 7
Massachusetts	3	3	5.5	5.5-6.5	6.5	Washington	5	6.5	6.5	7.5	7.5
Michigan	3	3	6	6	6	West Virginia	5	5	7	7	7
Minnesota	4-3	5	5	6	6	Wisconsin	4	4	6	6	6-7
						Wyoming	4	4	4 5	4 5	4 5

<sup>1</sup> In effect Dec. 31.  
<sup>2</sup> Weighted average, based on net gallons taxed. Prior to 1960, excludes Alaska and Hawaii. <sup>3</sup> No tax.  
<sup>4</sup> Tax on diesel fuel, and usually other special fuels for highway vehicles, is higher than gasoline tax shown.  
<sup>5</sup> The State tax rate on liquefied petroleum gas is 6 cents per gallon in California and 8 cents per gallon in Mississippi.  
<sup>6</sup> State tax rate in Hawaii is 8 cents per gallon in Hawaii County and 5 cents per gallon in other counties; in Nevada, the State tax rate is 6 cents per gallon, and effective July 1, 1966, all counties have the option of levying an additional 1 cent tax.  
<sup>7</sup> Trucks or combinations with more than 2 axes pay motor-fuel tax rates of 9 cents per gallon in Kentucky and Virginia. (Prior to July 1, 1960, the tax in Virginia was 8 cents.)  
Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics*.

No. 811. PUBLIC HIGHWAY DEBT—LONG-TERM HIGHWAY OBLIGATIONS OF STATE AND LOCAL GOVERNMENTS: 1950 TO 1967

[In millions of dollars. State data are for calendar years; local data are for varying fiscal years. Prior to 1960, excludes Alaska and Hawaii. Excludes duplicated and interunit obligations except as noted. Municipal obligations include data for all municipalities and other political subdivisions urban in character. See *Historical Statistics, Colonial Times to 1957*, series Q 279, for State obligations outstanding]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)	1967 est.
Total debt issued <sup>1</sup>	652	1,174	1,206	1,535	981	1,097	1,073	1,507	1,539
State obligations	400	646	680	1,017	458	634	586	997	1,012
County and local rural obligations	90	205	190	184	114	156	157	160	162
Municipal obligations	162	323	336	334	409	307	330	350	365
Total debt redeemed <sup>2</sup>	322	421	616	679	732	752	851	824	876
State obligations	143	191	300	340	382	381	459	412	444
County and local rural obligations	83	89	96	110	114	116	122	127	132
Municipal obligations	96	141	220	229	236	255	270	285	300
Total debt outstanding	4,436	9,658	13,166	14,537	14,773	15,114	15,336	16,019	16,682
State obligations	2,096	6,619	9,384	10,449	10,525	10,778	10,905	11,490	12,058
County and local rural obligations	872	1,027	1,280	1,285	1,281	1,317	1,352	1,385	1,415
Municipal obligations	1,468	2,012	2,502	2,803	2,967	3,019	3,079	3,144	3,209

<sup>1</sup> Excludes refunding issues.  
<sup>2</sup> Excludes redemptions by refunding.  
Source: Dept. of Transportation, Bureau of Public Roads; releases.

## No. 812. MOTOR-VEHICLE TRAVEL, BY TYPE OF VEHICLE: 1940 TO 1965

[In millions of vehicle-miles, except averages. Prior to 1960, estimates for total United States travel based on automatic traffic recorder data from 48 States and District of Columbia. Urban travel includes all travel in municipalities and most travel in urbanized areas. All other travel is classed as rural. See also *Historical Statistics, Colonial Times to 1957*, series Q 321-327]

ITEM	1940	1950	1955	1960	1962	1963	1964	1965 est.
<b>Total travel</b> .....	302,188	458,246	603,434	718,845	766,852	805,423	846,500	887,640
<b>TYPE OF VEHICLE</b>								
Passenger vehicles.....	252,257	367,694	492,047	592,436	633,563	649,854	682,229	713,984
Rural.....	121,988	183,218	265,667	305,538	314,626	322,775	339,474	355,188
Urban.....	130,269	184,476	226,380	286,898	318,937	327,079	342,755	358,796
Passenger cars <sup>1</sup> .....	249,600	363,613	487,540	588,083	629,097	645,371	677,613	709,300
Rural.....	120,540	181,095	263,088	303,283	312,272	320,378	336,968	352,637
Urban.....	129,060	182,518	224,452	284,800	316,825	324,993	340,645	356,663
Buses.....	2,657	4,081	4,507	4,353	4,466	4,483	4,616	4,684
Rural.....	1,448	2,123	2,579	2,255	2,354	2,397	2,506	2,551
Urban.....	1,209	1,958	1,928	2,098	2,112	2,086	2,110	2,133
Trucks and combinations.....	49,931	90,552	111,387	126,409	133,289	155,569	164,271	173,656
Rural.....	30,207	56,780	70,486	81,722	84,137	97,226	101,940	108,599
Urban.....	19,724	33,772	40,901	44,687	49,152	58,343	62,331	65,057
<b>AVERAGE MILES PER VEHICLE</b>								
Passenger vehicles.....	9,129	9,078	9,400	9,474	9,467	9,265	9,311	9,278
Passenger cars <sup>1</sup> .....	9,080	9,020	9,359	9,446	9,441	9,240	9,286	9,255
Buses.....	18,580	20,910	17,658	16,004	15,507	15,049	15,115	14,903
Trucks and combinations.....	10,626	10,776	10,697	10,583	10,406	11,644	11,723	11,737

<sup>1</sup> Includes taxicabs and motorcycles.

Source: Dept. of Transportation, Bureau of Public Roads; releases.

## No. 813. MOTOR FUEL CONSUMPTION, BY USE: 1940 TO 1965

[In millions of gallons, except averages. Prior to 1960, excludes Alaska and Hawaii. Comprises gasoline and all other fuels under State motor fuel laws. Excludes exports and Federal purchases for military use. Obtained chiefly from reports of State authorities. See *Historical Statistics, Colonial Times to 1957*, series Q 318-320, for highway and nonhighway usage]

ITEM	1940	1945	1950	1955	1960	1962	1963	1964	1965 est.
<b>Total consumption</b> <sup>1</sup> .....	24,404	22,304	40,280	53,116	63,714	66,637	64,516	67,901	71,104
Passenger vehicles.....	16,759	14,023	25,037	34,319	41,996	44,608	46,084	48,431	50,598
Passenger cars <sup>2</sup> .....	16,323	13,323	24,305	33,548	41,169	43,771	45,246	47,567	49,723
Buses <sup>3</sup> .....	436	700	732	771	827	837	838	864	875
Trucks and combinations.....	5,156	5,055	10,566	13,308	15,882	17,089	18,432	19,470	20,506
Average gallons consumed per vehicle.....	678	617	728	759	777	774	773	778	775
Passenger cars <sup>2</sup> .....	594	517	603	644	661	657	648	652	649
Buses <sup>3</sup> .....	3,049	4,294	3,752	3,021	3,040	2,906	2,813	2,829	2,784
Trucks and combinations.....	1,097	1,020	1,257	1,278	1,330	1,334	1,380	1,389	1,386
Average mileage per gallon, per vehicle.....	13.79	13.12	12.87	12.67	12.42	12.43	12.48	12.47	12.48
Passenger cars <sup>2</sup> .....	15.29	15.03	14.95	14.53	14.28	14.37	14.26	14.25	14.27
Buses <sup>3</sup> .....	6.09	5.48	5.57	5.85	5.26	5.34	5.35	5.34	5.35
Trucks and combinations.....	9.69	9.09	8.57	8.37	7.96	7.80	8.44	8.43	8.47

<sup>1</sup> Includes losses allowed for evaporation, handling, etc.

<sup>2</sup> Includes taxicabs and motorcycles. <sup>3</sup> Includes school buses.

Source: Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics*.

## No. 814. SPEED OF MOTOR VEHICLES: 1945 TO 1965

[Excludes Alaska and Hawaii. Based on actual speed of each vehicle recorded on tangent sections of main rural highways during off-peak hours]

ITEM	1945 <sup>1</sup>	1950	1955	1958	1959	1960	1961	1962	1963	1964	1965
Number of vehicles recorded.....1,000.....	96	280	395	515	396	459	574	602	539	569	539
Average speed, all vehicles.....m.p.h.....	44.0	47.6	50.7	51.7	52.0	52.6	52.6	53.8	55.8	55.9	56.3
Passenger cars.....m.p.h.....	45.0	48.7	52.1	52.8	53.3	53.8	53.7	55.1	57.1	57.2	57.6
Trucks.....m.p.h.....	39.8	43.0	45.8	47.3	47.3	48.2	48.2	49.4	51.3	51.0	51.7
Buses.....m.p.h.....	45.5	49.8	52.6	53.6	53.5	55.5	55.3	56.0	58.1	57.8	57.4
Vehicles exceeding—											
40 m.p.h.....percent.....	64	77	87	90	90	92	92	93	95	95	95
45 m.p.h.....percent.....	42	58	73	77	77	80	80	84	88	87	87
50 m.p.h.....percent.....	24	37	51	55	56	58	60	64	72	71	72
55 m.p.h.....percent.....	11	20	31	33	36	37	38	43	52	53	55
60 m.p.h.....percent.....	5	8	15	15	16	16	18	21	29	32	34

<sup>1</sup> Aug. 15 to Dec. 31.

Source: Dept. of Transportation, Bureau of Public Roads; *Traffic Speed Trends* and unpublished data.



**No. 815. MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1966**  
 [Prior to 1960, registrations exclude Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series Q 310-317]

YEAR	FACTORY SALES <sup>1</sup>								REGISTRATIONS <sup>5</sup> (1,000)		
	Number (1,000)			Wholesale value <sup>3</sup> (mil. dol.)					Total	Passen- ger cars and taxis <sup>6</sup>	Trucks and buses <sup>6</sup>
	Total	Pas- senger cars	Trucks and buses <sup>2</sup>	Total	Passenger cars		Trucks and buses <sup>2</sup>				
					Total	Aver- age <sup>4</sup>	Total	Aver- age <sup>4</sup>			
1900-----	4	4	—	5	5	1,250	—	—	8	8	—
1910-----	187	181	6	225	215	1,188	10	1,667	7 470	458	10
1920-----	2,227	1,906	322	2,232	1,809	949	423	1,314	7 9,251	8,131	1,108
1930-----	3,363	2,787	575	2,035	1,644	590	391	680	7 26,794	23,035	3,715
1940-----	4,472	3,717	755	2,938	2,371	638	568	752	7 32,525	27,466	4,987
1945-----	725	70	656	1,239	57	814	1,182	1,802	7 31,106	25,793	5,242
1950-----	8,003	6,666	1,337	10,176	8,468	1,270	1,708	1,277	7 49,300	40,334	8,828
1955-----	9,169	7,920	1,249	14,474	12,453	1,572	2,021	1,618	7 62,870	52,148	10,546
1960-----	7,869	6,675	1,194	14,515	12,164	1,822	2,351	1,969	73,869	61,682	12,187
1963-----	9,100	7,638	1,463	17,517	14,427	1,889	3,090	2,112	82,714	69,056	13,658
1964-----	9,292	7,752	1,540	18,061	14,837	1,914	3,224	2,094	86,301	71,983	14,318
1965-----	11,058	9,306	1,752	22,114	18,380	1,975	3,734	2,131	90,361	75,252	15,109
1966-----	10,329	8,598	1,731	21,500	17,600	2,047	3,900	2,253	94,177	78,332	15,845

— Represents zero. <sup>1</sup> Includes military vehicles.

<sup>2</sup> A substantial part of the trucks and buses reported comprises chassis without body; hence, excludes the value of bodies for these chassis. <sup>3</sup> Beginning 1940, includes value of standard equipment.

<sup>4</sup> Averages do not indicate price changes since total values may reflect changes in number of makes, models, and/or body types from year to year. <sup>5</sup> Includes publicly owned vehicles.

<sup>6</sup> Prior to 1930, buses included with passenger cars. <sup>7</sup> Includes Hawaii; not shown in detail.

Source: Factory sales—Automobile Manufacturers Association, Detroit, Mich.: *Automobile Facts and Figures*. Registrations—Dept. of Transportation, Bureau of Public Roads; annual report, *Highway Statistics*, and unpublished data.

**No. 816. MOTOR VEHICLES—ESTABLISHMENTS, PAYROLL, AND EMPLOYMENT FOR SELECTED KINDS OF BUSINESS: 1958 AND 1963**

[For 1958, Alaska and Hawaii included only in totals, except as noted]

KIND OF BUSINESS	ESTABLISHMENTS <sup>1</sup> (1,000)		ANNUAL PAYROLL <sup>2</sup> (mil. dol.)		PAID EMPLOYEES <sup>3</sup> (1,000)	
	1958	1963	1958	1963	1958	1963
<b>RETAIL TRADE</b>						
<b>Automotive dealers.....</b>	<b>93.9</b>	<b>98.5</b>	<b>3,040</b>	<b>4,111</b>	<b>723.1</b>	<b>794.2</b>
Passenger car dealers, franchised.....	38.6	33.3	2,485	3,326	565.7	612.1
Passenger car dealers, nonfranchised.....	25.3	28.0	154	184	44.2	44.3
Tire, battery, and accessory dealers.....	20.9	25.9	317	474	90.7	110.5
Miscellaneous aircraft, marine, and automotive dealers.....	8.9	11.3	74	127	20.2	27.2
<b>Gasoline service stations.....</b>	<b>206.8</b>	<b>211.5</b>	<b>1,138</b>	<b>1,510</b>	<b>467.7</b>	<b>519.8</b>
<b>WHOLESALE TRADE</b>						
<b>Motor vehicles and automotive equipment.....</b>	<b>4 23.1</b>	<b>28.9</b>	<b>4 1,135</b>	<b>1,650</b>	<b>4 245.1</b>	<b>292.0</b>
Automobiles and other motor vehicles.....	3.9	4.6	391	507	73.5	79.9
Automotive equipment.....	17.1	22.1	619	997	145.6	187.5
Tires and tubes.....	2.1	2.2	125	146	26.0	24.6
<b>SERVICES</b>						
<b>Automobile repairs, services, and garages.....</b>	<b>125.7</b>	<b>139.6</b>	<b>857</b>	<b>1,135</b>	<b>257.1</b>	<b>288.0</b>
Automobile repair shops.....	103.7	114.5	596	778	170.5	184.4
Automobile parking.....	11.0	11.3	106	114	35.4	34.9
Motor vehicle and trailer rentals and lease services.....	4.7	7.4	94	161	20.2	32.7
Other automobile services, except repair.....	5.8	6.5	58	81	29.8	36.0
<b>MANUFACTURING</b>						
<b>Motor vehicles and equipment.....</b>	<b>2.3</b>	<b>2.8</b>	<b>3,339</b>	<b>5,193</b>	<b>581.7</b>	<b>693.8</b>
Motor vehicles and parts.....	1.6	2.0	3,169	4,947	546.0	649.9
Truck and bus bodies.....	0.6	0.6	91	133	20.0	24.5
Truck trailers.....	0.2	0.2	78	113	15.7	19.4

<sup>1</sup> As of Dec. 31; except for manufacturing, represents any establishment employing 1 or more workers at any time during the year. <sup>2</sup> Comprises salaries, wages, commissions, bonuses, vacation pay, and other remuneration.

<sup>3</sup> During workweek ended nearest Nov. 15, except quarterly average for manufacturing.

<sup>4</sup> Includes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; *Census of Business: 1963*, Vols. I, IV, and VI, and *Census of Manufactures: 1963*, Series MC63(2)—37A.



## No. 817. MOTOR VEHICLES—SUMMARY STATISTICS: 1950 TO 1966

[Number in thousands; money figures in millions of dollars. Excludes Alaska and Hawaii, except as noted]

ITEM	1950	1955	1960	1963	1964	1965	1966
<b>SALES, EXPORTS, IMPORTS, AND SCRAPPAGE <sup>1</sup></b>							
Passenger car factory sales.....	6,666	7,920	6,675	7,638	7,752	9,306	8,598
4-door sedans.....	3,247	3,044	2,697	2,727	2,511	2,744	2,333
2-door sedans, coaches and coupes <sup>2</sup> .....	2,794	1,691	1,094	1,025	907	793	546
2-door and 4-door "hard-tops".....	267	2,169	1,517	2,430	2,954	4,251	4,438
Convertibles (except "hard-top").....	208	240	305	490	489	509	395
Station wagons <sup>3</sup> .....	142	759	1,059	960	884	1,001	881
Chassis.....	9	18	3	6	6	7	6
Truck and bus factory sales.....	1,337	1,249	1,194	1,463	1,540	1,752	1,731
Passenger cars (new), exported.....	153	254	145	194	198	205	261
Passenger cars (new), imported.....	21	57	444	409	537	559	913
Exports, value.....	794	1,367	1,411	1,567	1,900	2,197	(NA)
Passenger cars (new).....	179	380	235	267	347	393	(NA)
Trucks and buses (new).....	217	340	382	282	347	323	(NA)
Rubber tires and tubes.....	47	82	77	59	70	55	(NA)
Parts and accessories (incl. used vehicles).....	350	565	717	960	1,136	1,421	(NA)
Imports of new passenger cars, value.....	21	69	513	445	579	640	1,237
Vehicles scrapped <sup>4</sup> .....	3,234	4,392	4,783	5,909	6,824	<sup>6</sup> 6,825	(NA)
Passenger cars <sup>4</sup> .....	2,598	3,773	4,200	5,174	6,055	<sup>6</sup> 6,000	(NA)
Trucks and buses <sup>4</sup> .....	636	619	583	735	769	<sup>6</sup> 825	(NA)
<b>AUTOMOTIVE PARTS AND CHEMICAL SHIPMENTS</b>							
Tires, passenger car, <sup>7</sup> total.....	84,423	93,730	105,687	121,890	132,139	148,497	150,892
Original equipment.....	36,678	42,574	36,278	41,893	42,512	51,413	47,388
Replacement.....	47,103	50,189	68,475	79,035	88,163	94,893	101,719
Export.....	642	966	934	962	1,464	2,191	1,785
Tires, truck and bus, <sup>7</sup> total.....	15,164	14,769	13,911	16,592	18,262	20,047	22,572
Original equipment.....	4,671	4,800	3,925	5,220	5,507	6,925	7,292
Replacement.....	9,705	9,057	9,210	10,790	12,146	12,474	14,629
Export.....	788	912	776	582	609	648	651
Replacement automobile batteries <sup>8</sup> .....	24,442	25,828	26,329	32,776	30,627	30,527	<sup>6</sup> 31,000
Sealed-beam lamps <sup>9</sup> .....	35,776	44,911	67,416	<sup>5</sup> 75,343	<sup>5</sup> 74,437	<sup>5</sup> 85,566	<sup>5</sup> 82,664
Other automotive lamps <sup>9</sup> .....	251,216	331,448	323,449	<sup>5</sup> 405,635	<sup>5</sup> 435,636	<sup>5</sup> 522,608	<sup>5</sup> 535,911
Antifreeze <sup>10</sup> .....1,000 gal.....	(NA)	110,000	120,902	135,860	132,550	143,067	(NA)
Other cooling system chemicals <sup>10</sup> .....	(NA)	(NA)	32,437	27,941	28,465	25,418	(NA)
Heavy duty brake fluid <sup>10</sup> .....1,000 gal <sup>12</sup> .....	(NA)	5,682	9,425	8,703	8,471	7,983	(NA)
<b>SPECIAL MOTOR-VEHICLE TAXES <sup>5 13</sup></b>							
Total.....	4,339	7,212	10,445	12,180	13,044	(NA)	(NA)
Federal excise <sup>14</sup> .....	1,479	2,736	4,397	5,246	5,635	5,716	5,410
State gross registration receipts <sup>15</sup> .....	948	1,483	1,924	2,189	2,364	2,512	2,755
State gasoline, net <sup>15</sup> .....	1,667	2,543	3,396	3,962	4,217	4,495	4,692
Special city and county <sup>15</sup> .....	87	159	203	188	191	(NA)	(NA)
Bridge, tunnel, ferry, road tolls <sup>16</sup> .....	157	292	524	596	637	(NA)	(NA)
<b>MOTOR VEHICLE REGISTRATIONS <sup>17</sup></b>							
World.....	70,440	96,001	126,966	155,053	166,085	178,006	(NA)
United States.....	49,177	62,794	73,928	82,748	86,297	90,370	94,179
Other North and Central America.....	3,154	4,942	6,759	7,843	8,200	8,235	(NA)
South America.....	1,270	1,835	2,995	4,123	4,536	5,103	(NA)
Europe.....	12,529	19,611	33,751	46,433	51,255	56,483	(NA)
Africa.....	1,241	1,829	2,450	3,030	3,156	3,394	(NA)
Asia.....	1,221	2,212	3,556	6,676	8,314	9,739	(NA)
Oceania.....	1,848	2,778	3,528	4,200	4,327	4,681	(NA)

NA Not available.

<sup>1</sup> Source: Exports and imports from Dept. of Commerce.<sup>2</sup> Includes business coupes.<sup>3</sup> Excludes station wagons or commercial vehicle chassis.<sup>4</sup> Estimated.<sup>5</sup> Includes Alaska and Hawaii.<sup>6</sup> Preliminary. <sup>7</sup> Source: The Rubber Manufacturers Association, Inc., 1965 figures for "Tires, passenger car" include motorcycle tires.<sup>8</sup> Source: Association of American Battery Manufacturers.<sup>9</sup> Source: Bureau of the Census.<sup>10</sup> Source: Chemical Specialties Manufacturers Association, Inc.<sup>11</sup> Individual consumer size (1-treatment) packages.<sup>12</sup> Figures represent fluid compounded rather than sold.<sup>13</sup> Special taxes on motor-vehicle users. Excludes income and property taxes on motor vehicle, body, parts and tire factories; garages; dealers; repair shops; terminal and truck, including taxicab and bus, operating companies.<sup>14</sup> Source: Dept. of the Treasury and Dept. of Transportation. Includes amounts collected on use of vehicles over 26,000 pounds as follows: 1960, \$44,539,000; 1963, \$106,443,000; 1964, \$100,996,000; 1965, \$103,000,000; 1966, \$110,000,000.<sup>15</sup> Source: Dept. of Transportation.<sup>16</sup> Estimated from Dept. of Transportation data. "Special city and county" includes parking meter revenues.<sup>17</sup> Includes cars, trucks, and buses. Source: Dept. of State and overseas sources.Source: Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*. Includes data compiled from sources cited in footnotes.

# No. 818. MOTOR-VEHICLE REGISTRATIONS, 1950 TO 1966, AND DRIVERS LICENSES, 1966, BY STATES

[In thousands, except as indicated. Motor-vehicle registrations include publicly owned vehicles; for uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations]

STATE	AUTOMOBILES, TRUCKS, AND BUSES							Motor-cycles (incl. official), <sup>1</sup> 1966	DRIVERS LICENSES, 1966		
	1950	1955	1960	1965	1966				Total <sup>2</sup>	Percent	
					Total	Private and commercial				Male drivers	Drivers under 25 years
						Auto-mob-iles (incl. taxicabs)	Trucks and buses				
U.S. <sup>3</sup>	49,300	62,870	73,869	90,361	94,177	77,959	14,884	1,752.8	98,496	59.2	(NA)
Ala.....	686	1,041	1,282	1,663	1,732	1,400	308	25.3	1,690	59.9	(NA)
Alaska.....	(NA)	(NA)	81	109	108	70	34	4.3	119	58.8	20.2
Ariz.....	271	415	624	825	863	662	183	17.3	908	59.9	29.3
Ark.....	477	584	708	914	955	667	277	12.2	948	59.9	(NA)
Calif.....	4,620	6,189	7,799	9,989	10,347	8,642	1,561	314.8	9,916	58.1	18.4
Colo.....	564	737	924	1,158	1,201	910	270	24.8	1,123	63.1	28.0
Conn.....	716	921	1,107	1,415	1,489	1,319	155	21.3	1,766	58.3	17.4
Del.....	108	154	192	244	256	216	37	3.5	277	56.7	20.8
D.C.....	195	197	206	236	242	214	19	2.6	344	59.0	(NA)
Fla.....	985	1,616	2,367	3,037	3,221	2,799	375	53.7	3,092	59.8	(NA)
Ga.....	898	1,239	1,512	1,990	2,099	1,697	374	24.0	2,183	59.9	(NA)
Hawaii.....	138	181	231	310	325	284	35	12.0	362	58.8	(NA)
Idaho.....	272	338	375	434	446	304	130	20.0	427	61.4	(NA)
Ill.....	2,651	3,268	3,776	4,437	4,705	4,108	547	81.0	5,597	58.9	21.4
Ind.....	1,435	1,763	2,046	2,427	2,551	2,063	462	63.6	2,686	59.9	(NA)
Iowa.....	1,072	1,195	1,325	1,549	1,609	1,273	314	32.6	1,511	57.8	19.7
Kans.....	853	1,048	1,163	1,369	1,405	1,015	368	28.0	1,355	55.0	22.8
Ky.....	784	1,032	1,198	1,500	1,575	1,251	305	21.2	1,353	61.6	22.7
La.....	707	952	1,177	1,442	1,556	1,232	304	18.9	1,537	59.9	(NA)
Maine.....	276	323	374	424	434	348	80	6.4	505	60.8	(NA)
Md.....	685	938	1,155	1,481	1,534	1,336	183	21.3	1,639	59.0	22.1
Mass.....	1,280	1,546	1,803	2,104	2,173	1,939	205	36.4	2,635	60.8	(NA)
Mich.....	2,433	3,114	3,306	3,991	4,024	3,501	472	82.0	4,306	51.7	23.9
Minn.....	1,169	1,365	1,592	1,890	1,943	1,573	346	50.0	1,974	57.4	21.8
Miss.....	484	637	723	921	957	701	240	9.8	887	59.9	(NA)
Mo.....	1,261	1,490	1,720	2,085	2,221	1,768	430	37.3	2,406	60.0	18.3
Mont.....	265	331	373	429	439	293	137	13.8	382	57.6	19.8
Nebr.....	569	662	734	849	870	640	217	16.1	896	56.6	(NA)
Nev.....	77	124	175	266	279	208	62	9.6	267	58.1	21.2
N.H.....	172	212	267	334	334	277	48	7.2	387	60.7	(NA)
N.J.....	1,579	2,061	2,401	2,980	3,123	2,778	306	41.4	3,398	58.1	20.0
N. Mex.....	238	340	426	525	549	403	133	10.6	512	60.0	(NA)
N.Y.....	3,735	4,643	5,067	5,939	6,162	5,485	583	67.1	7,402	61.3	16.6
N.C.....	1,056	1,437	1,720	2,156	2,307	1,821	424	26.9	2,340	59.2	24.2
N. Dak.....	276	309	345	397	406	265	134	7.9	363	59.8	24.4
Ohio.....	2,795	3,526	4,087	4,935	5,238	4,669	521	93.8	5,500	60.5	19.7
Okla.....	831	1,026	1,184	1,438	1,496	1,080	395	28.0	1,390	55.6	20.8
Oreg.....	689	802	919	1,119	1,167	946	200	33.8	1,113	57.4	20.4
Pa.....	3,010	3,737	4,287	4,968	5,196	4,528	612	87.5	6,102	62.4	19.7
R.I.....	251	308	341	406	423	374	44	6.9	447	60.9	(NA)
S.C.....	579	782	879	1,094	1,147	938	189	12.5	1,088	60.8	23.4
S. Dak.....	290	325	354	398	401	280	112	9.4	396	57.8	23.8
Tenn.....	858	1,102	1,307	1,655	1,757	1,420	311	26.2	1,862	59.9	(NA)
Tex.....	2,968	3,869	4,457	5,610	5,711	4,450	1,179	74.8	5,414	58.4	20.5
Utah.....	247	336	417	525	544	418	115	13.9	562	63.2	(NA)
Vt.....	121	136	152	175	179	138	39	5.0	204	60.8	(NA)
Va.....	918	1,243	1,426	1,800	1,875	1,572	272	20.2	2,160	59.8	(NA)
Wash.....	924	1,164	1,377	1,659	1,756	1,384	337	55.9	1,579	58.3	17.8
W. Va.....	482	552	601	696	731	580	139	13.5	822	63.6	21.7
Wis.....	1,201	1,386	1,600	1,839	1,890	1,572	287	40.6	2,141	58.5	20.8
Wyo.....	145	174	207	225	224	146	72	6.0	223	61.4	(NA)

NA Not available.

<sup>1</sup> Excludes vehicles owned by military services.

<sup>2</sup> Estimated from data reported by States for current and previous years; no allowance made for deaths, emigration, or revocation.

<sup>3</sup> Incomplete data for some States.

Source: Dept. of Transportation, Bureau of Public Roads; annual reports, *Highway Statistics*, *Drivers Licenses—1965*, and unpublished data.



# No. 819. AUTOMOBILES—FACTORY INSTALLATION OF SELECTED TYPES OF EQUIPMENT: 1956 TO 1966

[Refers to model-year production. For certain items, such as air conditioning, a significant number of units are installed on new vehicles after they leave the factory]

EQUIPMENT	UNITS INSTALLED (1,000)				PERCENT OF TOTAL CARS PRODUCED			
	1956	1960	1965	1966	1956	1960	1965	1966
Automatic transmission.....	4,709	4,306	7,134	7,197	74.8	71.6	80.7	83.6
Manual transmission.....	1,586	1,706	1,709	1,409	25.2	28.4	19.3	16.4
V-8 engine.....	5,122	3,409	6,492	6,881	81.4	56.7	73.4	80.0
6-cylinder engine.....	1,173	2,603	2,350	1,724	18.6	43.3	26.6	20.0
Power brakes.....	1,529	1,948	2,856	3,039	24.3	32.4	32.3	35.3
Power steering.....	1,720	2,357	5,270	5,729	27.3	39.2	59.6	66.6
Power windows <sup>1</sup> .....	412	376	1,261	1,175	6.6	6.3	14.3	13.7
Air conditioning.....	164	414	2,061	2,522	2.6	6.9	23.3	29.3
Tinted glass (windshield and other).....	1,988	1,668	4,572	5,207	31.6	27.7	51.7	60.5

<sup>1</sup> Includes power operated station wagon rear windows.

Source: *Annual Statistical Issue, Automotive Industries*. Published by Chilton Company, Philadelphia, Pa. (Copyright.)

# No. 820. AUTOMOBILE OWNERSHIP, AGE, AND FINANCING: 1950 TO 1966

[Excludes Alaska and Hawaii. For definition of family unit, see headnote, table 470]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
Total number of families in U.S. <sup>1</sup> .....millions..	45.2	49.1	53.4	54.9	56.5	56.8	58.4	59.1
Total owning automobiles.....percent..	59	70	77	74	80	78	79	79
Owning 1 automobile.....percent..	52	60	62	57	58	55	55	54
Owning 2 or more automobiles.....percent..	7	10	15	17	22	22	24	25
Automobiles owned, by age: <sup>2</sup>								
Less than 2 years old.....percent..	17	12	14	12	13	13	16	16
2 and 3 years old.....percent..	19	22	20	21	18	20	21	22
4 to 7 years old.....percent..	6	43	41	38	36	33	33	34
8 years old and over.....percent..	58	23	25	29	33	34	30	28
Total automobiles purchased <sup>3</sup> .....millions..		13.6	14.1	15.6	18.9	17.3	18.3	19.3
New cars.....millions..		4.4	5.2	4.6	5.9	6.0	7.2	7.9
Average price paid.....dollars..	(NA)	2,730	3,140	2,830	2,990	3,130	3,140	3,260
Used cars.....millions..		9.2	9.1	11.0	13.0	11.3	11.1	11.4
Average price paid.....dollars..		780	980	800	840	920	920	910
Method of financing purchases:								
All passenger cars <sup>4</sup> .....percent..	100	100	100	100	100	100	100	100
Full cash (including trade-in allowance).....percent..	47	38	38	44	45	47	48	48
Installment credit and other borrowing.....percent..	52	60	62	56	55	53	52	52
New passenger-car buyers <sup>4</sup> .....percent..	100	100	100	100	100	100	100	100
Full cash (including trade-in allowance).....percent..	54	39	33	38	38	40	40	38
Installment credit and other borrowing.....percent..	46	60	67	62	62	60	60	62
Used passenger cars <sup>4</sup> .....percent..	100	100	100	100	100	100	100	100
Full cash (including trade-in allowance).....percent..	41	37	41	48	49	51	53	52
Installment credit and other borrowing.....percent..	57	60	59	50	51	44	44	45

NA Not available. <sup>1</sup> At time of survey, early in year indicated.

<sup>2</sup> Age is determined by subtracting model year from year of survey. <sup>3</sup> Covers family units buying cars during preceding calendar year and still owning them at time of survey (January–February of year indicated).

<sup>4</sup> Refers to purchases during preceding year. Includes cars received as gifts, whether cash or credit purchased. Buyers for whom method of financing was not ascertained are excluded from the detail on new and used car purchases.

Source: The University of Michigan, Survey Research Center; *Survey of Consumer Finances*.

# No. 821. AUTOMOBILE INSURANCE: 1950 TO 1965

[Money figures in millions of dollars. Prior to 1960, excludes Alaska and Hawaii. 1950, net basis; 1955, direct writing basis; and, beginning 1960, direct premiums earned and direct losses incurred]

ITEM	1950	1955	1960	1963	1964	1965
Total insurance:						
Premiums written.....	2,625	4,644	6,448	7,341	7,582	8,358
Losses paid.....	1,069	2,122	3,645	4,459	4,787	5,221
Percent losses paid of premiums written.....	40.7	45.7	56.5	60.7	63.1	62.5
Automobile liability, bodily injury:						
Premiums written.....	931	1,735	2,841	3,333	3,612	3,948
Losses paid.....	396	820	1,697	2,017	2,266	2,459
Percent losses paid of premiums written.....	42.5	47.3	59.7	60.5	62.7	62.3
Automobile liability, property damage: <sup>1</sup>						
Premiums written.....	482	896	1,219	1,328	1,418	1,567
Losses paid.....	231	415	675	826	940	1,025
Percent losses paid of premiums written.....	47.9	46.3	55.4	62.2	66.3	65.4
Physical damage: <sup>2</sup>						
Premiums written.....	1,212	2,013	2,388	2,680	2,552	2,843
Losses paid.....	442	887	1,273	1,616	1,581	1,737
Percent losses paid of premiums written.....	36.5	43.6	53.3	60.3	62.0	61.1

<sup>1</sup> Covers real property against damage by autos. <sup>2</sup> Covers auto fire, theft, collision, and comprehensive.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Fire and Casualty Volume; and beginning 1955, *Insurance by States*.



No. 822. CARS AND TRUCKS IN USE, BY AGE: 1950 TO 1966

[As of July 1. Prior to 1960, excludes Alaska and Hawaii. Excludes vehicles for which age was not known]

AGE	1950		1955		1960		1965		1966	
	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent
Total cars <sup>1</sup> .....	35, 824	100. 0	47, 123	100. 0	56, 935	100. 0	68, 935	100. 0	71, 152	100. 0
Under 3 years.....	10, 957	30. 6	14, 448	30. 7	14, 186	24. 9	21, 578	31. 3	23, 078	32. 4
3 to 5 years.....	6, 083	17. 0	15, 164	32. 2	18, 346	32. 2	18, 013	26. 1	19, 163	26. 9
6 to 8 years.....			10, 146	21. 5	12, 380	21. 7	13, 571	19. 7	13, 751	19. 3
9 to 11 years.....	9, 233	25. 8	7, 365	15. 6	9, 199	16. 2	9, 862	14. 3	9, 588	13. 5
12 years and over.....	9, 551	26. 7			2, 825	5. 0	5, 911	8. 6	5, 571	7. 8
Total trucks <sup>1</sup> .....	7, 525	100. 0	9, 111	100. 0	10, 771	100. 0	13, 106	100. 0	14, 284	100. 0
Under 3 years.....	2, 476	32. 9	2, 039	22. 4	2, 046	19. 0	3, 222	24. 6	3, 748	26. 2
3 to 5 years.....	1, 719	22. 8	2, 767	30. 4	2, 418	22. 4	2, 476	18. 9	2, 775	19. 4
6 to 8 years.....	362	4. 8	2, 319	25. 5	2, 077	19. 3	1, 950	14. 9	2, 114	14. 8
9 to 11 years.....	1, 342	17. 8	702	7. 7	2, 332	21. 7	1, 844	14. 1	1, 847	12. 9
12 years and over.....	1, 626	21. 6	1, 285	14. 1	1, 898	17. 6	3, 614	27. 6	3, 801	26. 6

<sup>1</sup> For 1965 and earlier years, Willys jeeps included in "Cars;" thereafter, in "Trucks."

Source: Compiled from data furnished by R. L. Polk & Co., Detroit, Michigan. Further reproduction prohibited without Polk permission.

No. 823. TRUCK CARRIERS—SELECTED OPERATING STATISTICS: 1963

[Represents motor carriers of property that render trucking services to the public, but are not subject to the Interstate Commerce Commission economic regulations. Covers carriers engaged in intrastate or local service and interstate carriers of nonmanufactured agricultural products and fish. Based on a sample and subject to sampling variability; see source for detailed explanation]

ITEM	Number of carriers	Total revenue (mil. dol.)	Number of employees, Nov. 15 (1,000)	VEHICLES OWNED OR LEASED (1,000)		
				Trucks	Truck tractors	Trailers (semi and full)
Total.....	42,986	2,299	199.3	111.8	60.9	84.0
FORM OF OWNERSHIP						
Corporation (incl. cooperatives).....	6, 977	1, 026	74. 7	32. 0	27. 5	40. 8
Individual owners.....	31, 581	1, 001	96. 5	64. 7	26. 3	33. 8
Partnership.....	4, 428	272	28. 1	15. 1	7. 1	9. 4
TYPE OF OPERATION						
Common carrier.....	36, 194	1, 892	166. 9	94. 7	49. 0	69. 4
Contract carrier.....	6, 792	407	32. 4	17. 1	11. 9	14. 6
AREA OF SERVICE						
Local.....	29, 330	1, 269	129. 9	88. 2	22. 9	30. 8
Intercity.....	13, 656	1, 030	69. 4	23. 6	38. 0	53. 2
LOCATION OF HOME OFFICE (geographic divisions) <sup>1</sup>						
New England.....	2, 124	76	8. 2	5. 2	1. 4	1. 8
Middle Atlantic.....	8, 499	474	41. 8	23. 4	9. 7	11. 1
East North Central.....	8, 599	467	39. 7	23. 2	14. 0	20. 7
West North Central.....	5, 868	244	22. 6	13. 7	7. 7	9. 0
South Atlantic.....	4, 858	231	22. 3	13. 1	5. 3	5. 7
East South Central.....	2, 424	106	10. 1	5. 9	3. 0	3. 6
West South Central.....	3, 336	187	16. 9	8. 0	6. 7	7. 9
Mountain.....	1, 414	102	7. 6	2. 9	3. 5	5. 5
Pacific.....	5, 864	412	30. 1	16. 4	9. 6	18. 7

<sup>1</sup> For composition of geographic divisions, see fig. I, p. xii.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. IV, *Motor Carrier Survey*.

# No. 824. MOTORTRUCKS, BY SIZE-CLASS, AREA OF OPERATION, AND MAJOR USE— STATES: 1963

[In thousands. Includes private and commercial single-unit trucks and combinations. Based on a probability sample of truck license holders, and subject to sampling variability]

STATE	Total	SIZE-CLASS <sup>1</sup>			AREA OF OPERATION <sup>2</sup>			MAJOR USE				
		Light	Medium	Heavy	Local	Intermediate	Long distance	Agriculture	Personal	Wholesale and retail business	Contract construction	Services
U.S.....	12,726	8,853	1,128	2,094	8,751	895	193	3,528	3,114	1,664	1,198	930
N.E.....	505	312	59	113	373	43	4	72	108	101	71	51
Maine.....	75	49	6	18	54	7	(Z)	17	20	11	8	6
N.H.....	47	30	6	9	32	5	1	8	12	8	6	4
Vt.....	30	18	5	7	21	3	(Z)	9	6	5	2	2
Mass.....	185	105	23	48	143	15	2	16	25	47	28	21
R.I.....	38	23	5	8	27	3	(Z)	3	7	9	5	5
Conn.....	129	86	15	25	95	9	1	19	38	20	21	13
M.A.....	1,336	814	137	299	977	93	18	160	235	270	179	146
N.Y.....	524	294	67	128	398	31	4	67	72	110	69	64
N.J.....	273	164	24	64	190	20	4	21	38	54	47	38
Pa.....	539	356	47	108	388	41	10	71	126	106	62	44
E.N.C.....	1,976	1,286	224	356	1,397	139	31	575	343	298	200	140
Ohio.....	449	281	54	87	316	32	8	116	63	79	53	36
Ind.....	386	264	36	67	257	30	10	117	95	51	32	21
Ill.....	462	290	57	90	341	27	5	130	64	71	50	35
Mich.....	406	269	44	67	286	26	6	97	95	62	39	30
Wis.....	272	182	33	44	196	23	3	114	26	36	25	19
W.N.C.....	1,672	1,094	176	325	1,187	97	19	811	253	157	114	91
Minn.....	290	180	37	57	201	16	4	115	44	33	24	18
Iowa.....	264	189	24	38	197	11	1	129	33	30	21	15
Mo.....	383	252	33	75	270	25	6	144	68	43	31	25
N. Dak.....	119	69	23	23	88	6	1	86	9	7	5	3
S. Dak.....	105	72	10	20	70	9	1	60	17	8	5	5
Nebr.....	192	124	18	43	135	12	3	105	27	17	12	8
Kans.....	320	207	31	67	226	18	3	171	55	20	16	18
S.A.....	1,729	1,197	156	279	1,139	126	38	426	408	248	163	140
Del.....	59	34	6	14	37	4	3	11	13	7	7	5
Md.....	149	93	16	29	102	11	1	22	29	26	20	15
D.C.....	17	9	3	4	14	(Z)	(Z)	(Z)	1	6	3	3
Va.....	237	160	23	40	160	17	5	65	57	28	21	16
W. Va.....	127	92	7	20	79	11	2	23	45	16	7	9
N.C.....	351	254	28	55	231	26	11	119	73	48	25	21
S.C.....	157	123	11	17	101	10	1	54	42	16	17	8
Ga.....	311	218	30	44	197	24	5	85	78	46	20	20
Fla.....	322	214	32	56	217	22	9	46	71	56	43	42
E.S.C.....	957	672	84	150	588	63	15	380	203	114	51	56
Ky.....	261	178	26	43	163	17	3	105	52	30	15	16
Tenn.....	247	164	25	48	152	16	6	105	40	30	16	15
Ala.....	250	180	17	37	153	16	5	77	70	32	15	16
Miss.....	199	149	16	23	120	14	1	93	41	21	6	10
W.S.C.....	1,812	1,346	111	250	1,193	131	30	566	487	190	132	113
Ark.....	231	180	16	24	150	14	2	95	68	20	12	11
La.....	241	148	20	48	150	24	2	51	52	37	17	18
Okla.....	335	232	25	56	208	21	7	125	76	31	22	20
Tex.....	1,005	786	49	123	684	71	19	296	290	102	80	65
Mt.....	968	733	63	135	650	78	11	268	365	87	75	56
Mont.....	126	86	14	21	88	9	1	59	31	10	7	6
Idaho.....	122	87	8	20	78	9	2	51	38	8	5	5
Wyo.....	68	49	6	10	41	10	1	21	23	3	6	4
Colo.....	231	176	12	37	161	15	2	73	83	22	15	13
N. Mex.....	116	87	6	17	70	12	2	52	52	10	7	8
Ariz.....	153	122	9	15	109	9	2	15	64	21	19	13
Utah.....	97	80	6	8	65	10	1	20	44	10	9	4
Nev.....	55	46	2	5	38	4	(Z)	6	30	4	6	4
Pac.....	1,771	1,399	119	188	1,247	124	28	270	711	198	214	136
Wash.....	273	200	25	37	198	18	5	73	104	24	21	16
Oreg.....	176	123	15	25	114	13	4	46	64	19	10	7
Calif.....	1,265	1,035	73	116	892	88	19	143	524	147	174	108
Alaska.....	28	21	2	4	21	2	(Z)	1	13	3	4	2
Hawaii.....	30	19	3	6	22	2	(Z)	6	6	5	5	3

Z. Less than 500 trucks.

<sup>1</sup> Based on physical characteristics of vehicles reported; approximates following classification in terms of gross vehicle weight (empty weight of vehicle plus load it was designed to carry): Light—10,000 lb. or less; Medium—10,001 to 19,500 lb.; Light-heavy—19,501 to 26,000 lb.; Heavy-heavy—over 26,000 lb.

<sup>2</sup> Local—in or around city and suburbs or within a short distance of the farm, factory, or home base of the vehicle; Intermediate—beyond local limits but usually not more than 200 miles, one way, from home base of vehicle; Long distance—trips usually more than 200 miles, one way, from home base. U.S. total for trucks not reported, 2,236,000.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. II, *Truck Inventory and Use Survey*.

No. 825. BUS CARRIERS—SELECTED OPERATING STATISTICS: 1963

[Based on a complete canvass made of bus firms listed from the active records of the Internal Revenue Service as subject to payment of Federal Insurance Contribution Act (FICA) taxes (i.e., employers of 1 or more persons). Represents nongovernmentally owned motor carriers of passengers, except those that are subject to the Interstate Commerce Commission economic regulations. They are engaged largely in local service]

ITEM	Number of carriers	Total revenue (\$1,000)	Total expenses (\$1,000)	Number of paid em- ployees <sup>1</sup>	Number of buses
Total.....	1,320	400,032	371,589	47,201	25,292
PRINCIPAL TYPE OF SERVICE					
Local.....	895	351,314	326,109	42,078	21,623
Intercity.....	199	21,227	20,017	2,203	1,663
Charter.....	125	10,155	8,729	1,156	1,031
Other.....	101	17,336	16,734	1,764	975
CLASS OF OWNERSHIP					
Corporations.....	925	384,193	356,773	44,883	( <sup>2</sup> )
Individual proprietorships, partnerships, coopera- tives.....	395	15,839	14,816	2,318	( <sup>2</sup> )
LOCATION OF HOME OFFICE (geographic division) <sup>3</sup>					
New England.....	74	15,634	15,232	2,059	1,399
Middle Atlantic.....	497	140,058	123,157	17,250	7,420
East North Central.....	177	65,713	63,025	7,720	4,523
West North Central.....	69	26,433	24,980	2,935	1,809
South Atlantic.....	164	47,754	46,238	5,547	3,294
East South Central.....	69	20,470	19,325	2,515	1,347
West South Central.....	81	32,389	31,119	3,683	2,304
Mountain.....	55	13,356	11,460	1,422	846
Pacific.....	134	38,225	37,053	4,070	2,350

<sup>1</sup> As of Nov. 15, 1963.  
<sup>2</sup> Data not requested.  
<sup>3</sup> For composition of geographic division, see fig. I, p. xii.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. IV, *Motor Carrier Survey*.

No. 826. INTERCITY BUS LINES—SUMMARY OF OPERATIONS: 1960 TO 1966

[Excludes Alaska and Hawaii]

ITEM	1960	1963	1964	1965	1966 est.
Operating companies.....	1,150	1,100	1,100	1,100	1,100
Buses.....	20,974	21,074	21,152	20,522	20,828
Miles of highway served (Dec. 31) <sup>1</sup> .....	265,000	260,000	260,000	262,000	262,000
Employees (Dec. 31) <sup>2</sup> .....	45,000	46,200	46,800	44,900	45,600
Total bus miles.....	millions 1,092	1,155	1,183	1,165	1,202
Revenue passengers.....	millions 366.2	354.3	360.3	369.8	383.9
Revenue passenger-miles.....	millions 19,900	21,900	22,700	23,300	24,600
Operating revenue, all services.....	\$1,000 556,200	646,800	686,700	702,600	738,800
Operating expenses.....	\$1,000 494,800	561,700	594,900	602,400	634,300
Net operating revenue before income taxes.....	\$1,000 61,400	85,100	91,800	100,200	104,500
Taxes assignable to operations <sup>3</sup> .....	\$1,000 52,600	58,400	62,700	58,500	64,100

<sup>1</sup> Includes duplication between carriers.  
<sup>2</sup> Operating companies only.  
<sup>3</sup> Excludes income taxes.  
Source: National Association of Motor Bus Owners, Washington, D.C.; *Bus Facts*.



## No. 827. TRANSIT INDUSTRY—SUMMARY: 1940 TO 1965

[Money figures in millions of dollars, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (a) local motorbus lines, (b) electric street railways, (c) elevated and subway lines, (d) interurban electric railways and (e) trolley coach lines. Based on financial and statistical reports received by American Transit Association from transit companies representing more than 85 percent of the industry. See also *Historical Statistics, Colonial Times to 1957*, series Q 330-340]

ITEM	1940	1945	1950	1955	1960	1962	1963	1964	1965
<b>Operating companies</b> .....	(NA)	1,253	1,406	1,483	1,251	1,205	1,186	1,152	1,148
Motorbus companies <sup>1</sup> .....	(NA)	1,164	1,354	1,450	1,236	1,202	1,183	1,149	1,145
<b>Miles of route operated (Dec. 31):</b>									
Electric railway—single track.....	19,602	17,702	10,813	6,197	3,143	2,557	2,236	2,173	2,173
Surface.....	18,360	16,480	9,590	4,976	1,900	1,312	990	918	918
Subway and elevated.....	1,242	1,222	1,223	1,221	1,243	1,245	1,246	1,255	1,255
Trolley coach—negative overhead wire.....	1,925	2,313	3,513	3,428	2,196	1,849	1,119	986	766
Motorbus—route round trip.....	78,000	90,400	98,000	99,800	108,700	114,300	117,400	118,300	120,900
<b>Passenger vehicles owned (Dec. 31)</b> .....	75,464	89,758	86,310	73,089	65,292	63,045	62,189	61,679	61,717
Electric railway cars.....	37,662	36,377	22,986	14,532	11,866	11,084	10,634	10,614	10,664
Surface.....	26,630	26,160	13,228	5,300	2,856	2,219	1,756	1,553	1,549
Subway and elevated.....	11,032	10,217	9,758	9,232	9,010	8,865	8,878	9,061	9,115
Trolley coaches.....	2,802	3,711	6,504	6,157	3,826	3,161	2,155	1,865	1,453
Motorbuses.....	35,000	49,670	56,820	52,400	49,600	48,800	49,400	49,200	49,600
<b>Investment (Dec. 31)</b> .....	4,096	4,262	3,918	3,821	3,937	4,002	4,025	4,106	4,225
Electric railway.....	3,588	3,620	3,060	2,902	3,003	3,042	3,076	3,144	3,243
Surface.....	1,574	1,570	913	616	367	229	175	165	165
Subway and elevated.....	2,014	2,050	2,147	2,286	2,636	2,813	2,901	2,979	3,078
Trolley coach.....	58	76	144	160	117	106	70	65	49
Motorbus.....	450	566	714	759	817	854	879	897	933
<b>Operating finances:</b>									
Operating revenue.....	737	1,380	1,452	1,426	1,407	1,404	1,391	1,408	1,444
Electric railway.....	456	710	578	440	369	366	349	351	366
Surface.....	328	560	362	176	88	73	61	56	56
Subway and elevated.....	128	149	216	264	282	293	287	296	310
Trolley coach.....	25	68	122	131	82	76	56	46	42
Motorbus.....	256	603	752	856	956	961	986	1,010	1,036
Operating expenses.....	598	1,067	1,297	1,277	1,290	1,306	1,313	1,343	1,374
Percent of revenue.....	81.1	77.3	89.3	89.6	91.7	93.1	94.4	95.4	95.2
Net revenue.....	139	313	155	149	117	98	78	66	70
Taxes (all).....	63	165	89	93	87	78	79	78	81
Operating income.....	76	149	66	56	31	20	<sup>2</sup> 1	<sup>2</sup> 12	<sup>2</sup> 11
Percent of revenue.....	10.4	10.8	4.6	3.9	2.2	1.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Revenue vehicle-miles operated</b>									
millions.....	2,596	3,254	3,008	2,448	2,143	2,047	2,022	2,016	2,008
Electric railway.....	1,316	1,398	907	561	466	448	436	439	437
Surface.....	845	940	463	178	75	62	49	43	42
Subway and elevated.....	471	458	443	383	391	387	387	396	395
Trolley coach.....	86	133	206	177	101	84	62	49	43
Motorbus.....	1,195	1,722	1,895	1,710	1,576	1,515	1,523	1,528	1,528
<b>Passengers carried</b> .....	13,098	23,254	17,246	11,529	9,395	8,695	8,400	8,328	8,253
Electric railway.....	8,325	12,124	6,168	3,077	2,313	2,283	2,165	2,166	2,134
Surface.....	5,943	9,426	3,904	1,207	463	393	329	289	276
Subway and elevated.....	2,382	2,698	2,264	1,870	1,850	1,890	1,836	1,877	1,858
Trolley coach.....	534	1,244	1,658	1,202	657	547	413	349	305
Motorbus.....	4,239	9,886	9,420	7,250	6,425	5,865	5,822	5,813	5,814
<b>Revenue passengers carried</b>									
millions.....	10,504	18,982	13,845	9,189	7,521	7,122	6,915	6,854	6,798
Electric railway.....	6,464	9,636	4,903	2,586	2,005	1,988	1,899	1,911	1,882
Surface.....	4,183	7,081	2,790	845	335	284	238	213	204
Subway and elevated.....	2,282	2,555	2,113	1,741	1,670	1,704	1,661	1,698	1,678
Trolley coach.....	419	1,001	1,261	869	447	361	264	214	186
Motorbus.....	3,620	8,345	7,681	5,734	5,069	4,773	4,752	4,729	4,730
<b>Number of employees (average)</b>									
1,000.....	203	242	240	198	156	149	147	145	145
Subway and elevated.....		34	39	41	35	35	34	35	36
Surface railway—trolley coach and motorbus.....	203	208	201	157	121	114	113	110	109
Payroll.....	360	632	835	864	857	878	892	917	964
Average annual earnings per employee.....	1,773	2,612	3,479	4,364	5,481	5,889	6,062	6,332	6,645

NA Not available. <sup>1</sup> Comprises companies operating motorbuses exclusively and companies with combined services such as trolley coach and motorbus, etc.

<sup>2</sup> Deficit. <sup>3</sup> Deficits not computed as percent of operating revenue.

Source: American Transit Association, Washington, D.C.; annual report, *Transit Fact Book*.

# No. 828. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1950 TO 1965

[All money figures in millions of dollars, except revenue and expense per vehicle-mile. Prior to 1960, excludes Alaska and Hawaii. See text, p. 552, for explanation of class limits]

ITEM	1950	1955	1960	1964	1965
Number of carriers reporting.....	1,621	2,244	935	1,025	1,122
Investment in carrier operating property.....	748	1,515	1,992	2,614	(NA)
Reserve for depreciation and amortization.....	309	736	998	1,339	(NA)
<b>Income statement:</b>					
Operating revenue.....	2,380	4,030	4,763	6,199	7,097
Common carrier.....	2,181	3,622	4,384	5,835	6,602
Contract carrier.....	144	294	239	201	257
Other operating revenue.....	55	114	141	164	238
Expenses.....	12,215	3,870	4,645	5,918	6,675
Operation and maintenance expenses.....	1,968	3,497	4,151	5,297	(NA)
Depreciation and amortization <sup>2</sup> .....	84	157	202	243	(NA)
Operating taxes and licenses <sup>3</sup> .....	103	216	291	378	(NA)
Operating ratio (percent expenses of operating revenue).....	93.1	96.0	97.5	95.5	94.1
Net operating revenue.....	165	160	119	282	(NA)
Lease of distinct operating unit, net.....	1	1	1	1	(NA)
Other income, less income deductions.....	6	14	36	40	(NA)
Net income before income taxes.....	159	146	81	240	(NA)
Net income after income taxes.....	93	82	37	152	212
Dividend appropriations and withdrawals <sup>4</sup> .....	23	29	24	37	(NA)
<b>Operating statistics and averages:</b>					
Owned revenue vehicles <sup>5</sup> .....	191,243	288,668	279,305	317,859	(NA)
Intercity vehicle-miles..... millions.....	5,352	7,559	7,203	8,209	(NA)
Tons of intercity revenue freight carried <sup>6</sup> .....1,000.....	212,997	313,583	275,518	366,200	(NA)
Miles per owned vehicle.....	53,833	53,008	59,590	65,678	(NA)
Revenue per vehicle-mile (intercity).....	\$0.43	\$0.52	\$0.64	\$0.74	(NA)
Expense per vehicle-mile (intercity) <sup>7</sup> .....	\$0.41	\$0.51	\$0.65	\$0.72	(NA)

NA Not available. <sup>1</sup> Includes net operating rents, not shown separately.

<sup>2</sup> Amortization represents a very small part of this total. <sup>3</sup> Excludes Federal and State income taxes.

<sup>4</sup> Withdrawals of sole proprietors and partners. <sup>5</sup> Excludes equipment used under lease, including operations conducted under "purchased transportation" arrangements.

<sup>6</sup> Includes duplications on account of tonnage received from connecting motor carriers.

<sup>7</sup> Basic figures include expenses of operating vehicles in local services not available separately.

# No. 829. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED OPERATING STATISTICS, BY REGIONS: 1963 AND 1964

[Money figures in millions of dollars. See text, p. 552, for explanation of class limits. Regions: 1, Conn., Maine, Mass., N.H., R.I., Vt.; 2, Del., D.C., Md., N.J., N.Y., Pa., W. Va.; 3, Ill., Ind., Mich. (Lower Pen.), Ohio; 4, Ala., Fla., Ga., Ky., Miss., N.C., S.C., Tenn., Va.; 5, Mich. (Upper Pen.), Minn., N. Dak., S. Dak., Wis.; 6, Iowa, Kans., Mo., Neb.; 7, Ark., La., Okla., Tex.; 8, Colo., Idaho, Mont., N. Mex., Utah, Wyo.; 9, Ariz., Calif., Nev., Oreg., Wash.]

YEAR AND REGION	Number of carriers reporting	Operating revenue	Total expenses	OWNED REVENUE VEHICLES <sup>1</sup>				Intercity vehicle-miles (millions)	EMPLOYEES <sup>2</sup>	
				Trucks	Truck-tractors	Semi-trailers	Full trailers		Average number	Compensation
<b>1963.....</b>	<b>1,004</b>	<b>5,756</b>	<b>5,520</b>	<b>32,039</b>	<b>93,843</b>	<b>179,882</b>	<b>2,923</b>	<b>7,882</b>	<b>351,104</b>	<b>2,546</b>
1. New England.....	65	223	218	1,916	3,810	6,420	-	206	17,045	116
2. Middle Atlantic.....	206	980	946	6,035	16,696	34,060	124	1,207	63,857	453
3. Central.....	264	1,745	1,673	3,886	24,523	48,773	767	2,422	91,460	702
4. Southern.....	159	906	862	6,526	17,624	33,029	169	1,446	62,230	414
5. Northwestern.....	57	335	319	1,706	6,116	10,341	13	482	19,925	149
6. Midwestern.....	66	347	338	2,019	5,730	12,008	35	468	20,848	150
7. Southwestern.....	70	418	392	2,893	7,051	11,140	51	665	26,495	181
8. Rocky Mountain.....	33	265	251	1,725	3,466	7,157	258	366	15,779	120
9. Pacific.....	84	537	521	5,333	8,827	16,954	1,506	621	33,465	260
<b>1964.....</b>	<b>1,025</b>	<b>6,199</b>	<b>5,918</b>	<b>32,785</b>	<b>94,713</b>	<b>187,431</b>	<b>2,930</b>	<b>8,209</b>	<b>364,930</b>	<b>2,754</b>
1. New England.....	67	243	239	1,891	3,999	6,824	-	214	17,789	128
2. Middle Atlantic.....	214	1,065	1,025	6,144	17,036	34,931	155	1,253	65,997	488
3. Central.....	271	1,886	1,805	4,042	23,649	49,525	707	2,549	96,661	763
4. Southern.....	159	958	911	6,772	17,561	34,478	178	1,460	63,603	442
5. Northwestern.....	57	352	331	1,740	6,415	11,017	-	475	20,513	158
6. Midwestern.....	65	367	356	2,029	5,688	12,611	38	476	20,381	155
7. Southwestern.....	68	449	419	2,710	7,480	12,209	53	703	27,089	194
8. Rocky Mountain.....	33	288	269	1,792	3,440	7,622	265	391	16,514	131
9. Pacific.....	91	592	563	5,665	9,445	18,214	1,534	687	36,383	294

- Represents zero. <sup>1</sup> See footnote 5, table 828.

<sup>2</sup> Excludes drivers of equipment engaged to perform "purchased transportation" service.

Source of tables 828 and 829: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 7.



# **No. 830. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1950 TO 1965**

[All money figures in millions of dollars, except as indicated. Excludes Alaska and Hawaii. See headnote, table 828. Excludes carriers subject to ICC jurisdiction engaged preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers]

ITEM	1950	1955	1960	1964	1965
Number of carriers reporting .....	172	146	143	161	155
Investment in carrier operating property .....	286	373	466	631	(NA)
Reserve for depreciation and amortization .....	144	197	257	317	(NA)
<b>Income statement:</b>					
Operating revenue .....	351	362	463	655	635
Passenger revenue <sup>1</sup> .....	325	315	382	521	491
Special bus revenue .....	12	22	36	64	67
Other operating revenue .....	15	25	45	70	77
Expenses .....	315	331	405	570	538
Operation and maintenance expenses .....	255	270	334	474	(NA)
Depreciation and amortization <sup>2</sup> .....	27	27	29	38	(NA)
Operating taxes and licenses <sup>3</sup> .....	29	30	36	47	(NA)
Operating rents, net .....	4	3	6	11	(NA)
Operating ratio (percent expenses of operating revenue) .....	89.7	91.4	87.5	87.0	84.7
Net operating revenue .....	36	31	58	85	90
Other income, less income deductions .....	<sup>4</sup> 1	<sup>4</sup> 2	<sup>4</sup> 3	-	(NA)
Net income before income taxes .....	35	29	55	85	(NA)
Net income after income taxes .....	19	16	28	52	(NA)
Dividend appropriations and withdrawals <sup>5</sup> .....	16	28	3	10	(NA)
<b>Operating statistics and averages:</b>					
Passenger vehicles owned, end of year .....	13,200	11,547	10,946	14,274	(NA)
Vehicle-miles of owned and leased passenger vehicles <sup>6</sup> .....	958,530	859,207	843,239	1,055,594	(NA)
Number of revenue passengers carried .....	389,898	293,244	267,507	507,802	(NA)
Miles per vehicle <sup>7</sup> .....	65,411	64,128	65,567	67,671	(NA)
Average fare per passenger, per carrier, intercity service .....	\$1.01	\$1.37	\$2.12	\$2.43	(NA)
Passenger revenue per vehicle-mile, regular-route intercity .....	\$0.35	\$0.38	\$0.49	\$0.53	(NA)
Expense per vehicle-mile <sup>8</sup> .....	\$0.33	\$0.38	\$0.48	\$0.54	(NA)

- Represents zero. NA Not available.

<sup>1</sup> Regular-route intercity and local revenue. <sup>2</sup> Amortization represents a very small part of this total.

<sup>3</sup> Excludes Federal and State income taxes. <sup>4</sup> Deduct. <sup>5</sup> Withdrawals of sole proprietors and partners.

<sup>6</sup> Includes bus-miles of vehicles operated under "purchased transportation" arrangements.

<sup>7</sup> Averages for owned and leased vehicles. <sup>8</sup> See footnote 6, table 828.

# **No. 831. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED OPERATING STATISTICS, BY REGIONS: 1963 AND 1964**

[Excludes Alaska and Hawaii. See headnote, table 830: for description of regions, see headnote, table 829]

YEAR AND REGION	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	PASSENGER VEHICLES		REGULAR-ROUTE INTERCITY			EMPLOYEES	
				Total <sup>1</sup>	Inter-city <sup>2</sup>	Vehicle-miles (1,000)	Revenue passengers carried (1,000)	Average fare per passenger, per carrier	Average number	Compensation (\$1,000)
<b>1963.....</b>	<b>148</b>	<b>609,756</b>	<b>529,008</b>	<b>15,338</b>	<b>9,953</b>	<b>800,461</b>	<b>175,909</b>	<b>\$2.38</b>	<b>42,070</b>	<b>270,096</b>
1. New England.....	12	19,379	18,357	683	327	19,465	5,786	1.75	1,650	9,154
2. Middle Atlantic.....	42	125,504	121,022	4,567	1,425	88,137	45,414	1.09	11,004	65,998
3. Central.....	22	115,038	97,687	1,895	1,780	153,934	29,731	3.14	7,383	50,379
4. Southern.....	20	114,605	94,144	2,451	2,243	185,825	41,688	2.14	7,154	45,027
5. Northwestern.....	4	2,051	1,825	79	64	3,421	486	2.58	126	734
6. Midwestern.....	7	20,289	18,555	525	337	37,889	3,496	4.50	1,173	6,958
7. Southwestern.....	23	52,314	44,170	2,114	1,291	90,197	15,024	2.52	3,712	20,082
8. Rocky Mountain.....	10	7,308	6,695	348	290	12,293	2,144	2.32	617	3,211
9. Pacific.....	8	153,268	126,552	2,676	2,196	209,299	32,142	3.65	9,251	68,553
<b>1964.....</b>	<b>161</b>	<b>655,089</b>	<b>570,144</b>	<b>16,157</b>	<b>10,442</b>	<b>833,413</b>	<b>182,229</b>	<b>2.43</b>	<b>43,455</b>	<b>287,630</b>
1. New England.....	17	22,719	20,868	867	443	22,073	8,161	1.45	1,742	10,085
2. Middle Atlantic.....	47	137,146	131,423	4,813	1,566	94,869	48,196	1.15	11,364	70,707
3. Central.....	23	123,483	103,767	2,088	2,004	162,185	29,067	3.42	7,756	53,139
4. Southern.....	23	128,898	107,947	2,727	2,303	203,839	44,471	2.20	7,642	49,651
5. Northwestern.....	4	2,295	2,007	91	66	3,550	508	2.54	133	850
6. Midwestern.....	7	21,768	20,018	546	363	36,468	3,454	4.64	1,288	7,650
7. Southwestern.....	22	55,006	46,788	2,122	1,310	90,692	14,985	2.58	3,679	20,947
8. Rocky Mountain.....	10	7,806	7,277	333	250	12,282	2,131	2.38	618	3,344
9. Pacific.....	8	155,966	130,049	2,570	2,137	207,454	31,256	3.73	9,233	71,258

<sup>1</sup> Comprises average number operated in intercity service during year and number owned in local operations at close of year. <sup>2</sup> Comprises vehicles owned, leased, and operated under "purchased transportation" arrangements, operated in intercity revenue service.

Source of tables 830 and 831: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 7, and unpublished data.



## No. 832. INTERCITY MANUFACTURER'S SHIPMENTS: 1963

["Shipper group" is a general class of industrial establishments primarily engaged in manufacturing the type of products indicated in the group designation. Data for commodity groups relate to products manufactured in conterminous U.S. factories, except those primarily distributing their commodities to local markets and those which involved special problems. "N.e.c." means not elsewhere classified. Based on sample]

ITEM	SHIPMENTS					DISTANCE OF SHIPMENTS				
	Total (mil. tons)	Percent by means of transport				Total (bil. ton- miles) <sup>1,2</sup>	Percent by means of transport			
		Rail	Mo- tor car- rier	Pri- vate truck	Wa- ter <sup>1</sup>		Rail	Mo- tor car- rier	Pri- vate truck	Wa- ter <sup>1</sup>
<b>Total shipper group<sup>3</sup></b> .....	<b>1,335</b>	<b>33</b>	<b>26</b>	<b>16</b>	<b>25</b>	<b>620</b>	<b>36</b>	<b>14</b>	<b>5</b>	<b>44</b>
Meat and dairy products.....	40	27	30	43	(Z)	16	46	36	16	(Z)
Canned and frozen foods <sup>4</sup> .....	126	60	22	17	1	49	75	17	7	1
Candy, beverages, and tobacco prod.	44	22	30	46	2	14	54	28	16	3
Textile mill and leather products.....	13	14	65	19	(Z)	6	25	59	12	(Z)
Apparel and related products.....	4	9	62	11	-	2	10	62	7	(Z)
Paper and allied products.....	66	50	33	14	2	27	71	21	5	2
Basic chemicals, plastics materials <sup>5</sup>	80	54	23	10	12	36	62	14	4	20
Drugs, paints, other chem. prod.	60	42	35	20	2	23	62	24	7	5
Petroleum and coal products.....	398	8	10	8	74	274	4	2	1	93
Rubber and plastics products.....	9	25	63	9	(Z)	5	37	52	6	1
Lumber and wood prod. (exc. furn.)	70	54	14	30	2	42	84	7	7	3
Furniture, fixtures, and misc. manu- factured products.....	9	22	40	36	(Z)	4	41	36	18	2
Stone, clay, and glass products.....	176	30	36	28	6	28	46	31	15	8
Primary iron and steel products.....	121	53	36	4	6	34	62	24	2	11
Primary nonferrous metal products.....	19	52	34	11	3	11	73	21	4	1
Fabricated metal products <sup>6</sup> .....	16	23	43	32	1	6	40	37	18	(Z)
Metal cans <sup>7</sup> .....	13	27	55	15	1	5	42	47	7	2
Industrial machinery (exc. elec- trical).....	6	21	65	8	1	3	25	63	4	(Z)
Machinery (exc. elect. and ind.).....	14	37	51	10	(Z)	9	51	40	5	1
Communication products and parts.....	2	22	56	9	(Z)	2	28	49	4	1
Electrical products and supplies.....	10	34	50	13	(Z)	6	48	40	7	1
Motor vehicles and equipment.....	35	51	42	6	(Z)	16	70	26	3	(Z)
Transportation equipment <sup>8</sup> .....	3	36	39	22	1	1	33	44	16	1
Instruments, photo. equip. <sup>9</sup> .....	1	13	70	8	(Z)	1	28	58	3	(Z)
<b>Total commodity group</b> .....	<b>1,335</b>	<b>33</b>	<b>26</b>	<b>16</b>	<b>25</b>	<b>620</b>	<b>36</b>	<b>14</b>	<b>5</b>	<b>44</b>
Food and kindred products.....	205	46	24	29	1	77	66	22	10	1
Tobacco products.....	2	51	47	(Z)	-	1	68	30	-	-
Basic textiles.....	11	11	67	21	-	6	23	61	13	(Z)
Apparel <sup>10</sup> .....	4	7	64	11	-	2	9	64	6	(Z)
Lumber and wood prod. (exc. furn.)	70	54	15	29	2	42	84	7	7	3
Furniture and fixtures.....	8	24	39	36	-	4	44	36	18	(Z)
Pulp, paper, and allied products.....	61	52	32	12	2	26	73	20	4	2
Chemicals and allied products.....	135	47	29	14	10	56	58	19	5	17
Petroleum and coal products.....	378	8	11	8	73	254	4	2	1	93
Rubber and misc. plastics products.....	9	21	69	8	(Z)	5	32	58	6	1
Leather and leather products.....	2	10	66	17	(Z)	1	19	58	9	(Z)
Stone, clay, and glass products.....	164	30	37	26	6	27	47	30	14	9
Primary metal products.....	130	51	38	5	5	44	66	24	3	8
Fabricated metal products.....	34	32	44	21	1	13	44	39	12	2
Machinery (exc. electrical).....	22	37	52	8	1	13	47	45	4	1
Electrical machinery and equip.....	11	29	53	13	1	7	40	45	7	1
Transportation equipment.....	35	50	42	7	(Z)	17	69	26	4	(Z)
Instruments, photo., equip. <sup>9</sup> .....	1	14	69	8	(Z)	1	28	58	4	(Z)
Misc. products of manufacturing.....	3	21	55	16	1	2	40	43	8	2
Waste and scrap materials.....	10	77	11	7	5	1	74	14	5	7
Misc. commodities, n.e.c. <sup>11</sup> .....	40	18	66	4	(Z)	24	10	67	2	-

- Represents zero. Z Less than 0.5 percent.

<sup>1</sup> Includes air, other, and unknown, not shown separately.

<sup>2</sup> A ton-mile is the movement of 1 ton (2,000 pounds of freight for the distance of 1 mile).

<sup>3</sup> The 24 groups combined represent essentially all manufacturing establishments, except for printing and publishing, manufactured ice, ordnance plants, fluid milk, bakery products, and primary forest products.

<sup>4</sup> Includes other food products. Excludes meat and dairy products.

<sup>5</sup> Includes synthetic rubber and fibers. <sup>6</sup> Excludes metal cans and miscellaneous metal products.

<sup>7</sup> Includes miscellaneous fabricated metal products. <sup>8</sup> Excludes motor vehicles.

<sup>9</sup> Includes watches and clocks, commodity group also includes optical goods.

<sup>10</sup> Includes knit apparel and other finished textile products.

<sup>11</sup> Plants classified in printing, publishing, and allied industries were not included in the survey. Incidental shipments of advertising brochures, instruction manuals, etc. made by plants classified in other industries are included in miscellaneous; percent by means of transport refers only to shipments of such commodities.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. III, *Commodity Transportation Survey*.

**No. 833. MOTOR-VEHICLE ACCIDENTS—PERSONS KILLED OR INJURED, BY CHARACTERISTICS OF ACCIDENTS: 1950 TO 1966**

[Percent distribution. Estimates based on summaries of motor vehicle accidents prepared by various States]

CHARACTERISTIC	PERSONS KILLED				PERSONS INJURED			
	1950	1960	1965	1966	1950	1960	1965	1966
Number.....	35, 500	38, 000	48, 500	52, 500	1, 799, 800	3, 078, 000	4, 100, 000	4,400,000
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TYPE OF ACCIDENT								
Collision with—								
Automobile.....	35.0	39.5	41.2	40.9	57.5	74.9	72.5	74.4
Pedestrian.....	26.5	20.0	18.6	18.3	16.6	8.3	6.7	6.3
Fixed object.....	8.5	10.7	10.5	11.4	6.5	4.8	5.1	5.3
Other <sup>1</sup> .....	6.0	4.8	4.5	4.6	3.2	2.1	2.4	2.2
Noncollision.....	24.0	25.0	25.2	24.8	16.2	9.9	13.3	11.8
WEATHER CONDITION								
Clear.....	81.3	87.4	84.8	86.9	78.4	83.9	78.6	82.0
Fog.....	2.8	1.2	2.0	1.9	1.8	0.7	1.5	1.2
Rain.....	14.0	9.0	11.0	9.9	16.2	10.6	15.4	13.5
Snow.....	1.9	2.4	2.2	1.3	3.6	4.8	4.5	3.3
ROAD CONDITION								
Dry.....	75.1	79.2	77.4	78.7	68.7	71.5	69.1	69.6
Wet.....	21.4	15.1	17.9	17.0	24.5	16.5	22.4	22.2
Snowy.....	1.5	2.8	1.4	1.3	3.0	5.8	2.6	2.7
Icy.....	2.0	2.9	3.3	3.0	3.8	6.2	5.9	5.5
DAY OF ACCIDENT								
Sunday.....	20.1	17.7	18.7	18.3	17.7	15.2	13.6	14.0
Monday.....	12.4	11.5	10.9	10.6	13.2	13.5	13.2	13.5
Tuesday.....	10.8	11.6	10.0	10.3	11.8	12.2	11.9	11.7
Wednesday.....	11.6	10.5	11.2	11.0	12.1	12.1	12.9	12.2
Thursday.....	11.3	11.2	11.9	11.5	12.4	13.5	13.9	13.0
Friday.....	13.6	16.0	15.4	16.7	14.7	16.0	16.5	17.2
Saturday.....	20.2	21.5	21.9	21.6	18.1	17.5	18.0	18.4
HOUR OF ACCIDENT								
Midnight to 6 a.m.....	21.6	22.3	22.2	19.6	12.7	10.9	10.7	10.5
6 a.m. to noon.....	14.8	15.6	14.8	17.6	19.2	22.0	21.8	20.7
Noon to 6 p.m.....	28.3	27.8	23.7	30.0	38.6	40.5	39.7	40.0
6 p.m. to midnight.....	35.3	34.3	34.3	32.8	29.5	26.6	27.8	28.8
AGE OF VICTIMS								
Under 10 years.....	(NA)	(NA)	7.6	7.2	(NA)	(NA)	8.9	8.7
10 to 19 years.....	(NA)	(NA)	15.9	17.7	(NA)	(NA)	21.4	22.0
20 to 34 years.....	(NA)	(NA)	28.4	28.6	(NA)	(NA)	31.6	31.6
35 to 54 years.....	(NA)	(NA)	24.3	22.9	(NA)	(NA)	25.7	25.3
55 years and over.....	(NA)	(NA)	23.8	23.6	(NA)	(NA)	12.4	12.4

NA Not available.

<sup>1</sup> Railroad train, bicycle, other vehicle, and miscellaneous.

Source: The Travelers Insurance Companies, Hartford, Connecticut; annual report, *The Travelers Book of Street and Highway Accident Data*.

**No. 834. DEATHS FROM MOTOR-VEHICLE ACCIDENTS, BY TYPE OF ACCIDENT: 1950 TO 1966**

ITEM	1950	1955	1960	1963	1964	1965 (prel.)	1966 (prel.)
<b>Traffic deaths <sup>1</sup></b> .....	34, 763	38, 426	38, 137	43, 564	47, 700	49, 000	52, 500
Noncollision accidents.....	10, 600	12, 100	11, 900	13, 800	14, 600	14, 900	16, 000
Collision accidents:							
With other motor vehicles.....	11, 650	14, 500	14, 800	17, 600	19, 600	20, 700	22, 300
With pedestrians.....	9, 000	8, 200	7, 850	8, 200	9, 000	8, 800	9, 000
With other vehicles or objects.....	3, 490	3, 605	3, 613	3, 955	4, 495	4, 600	5, 200
<b>Traffic death rates:</b>							
Per 100,000 population <sup>2</sup> .....	23.0	23.4	21.2	23.1	24.9	25.3	26.8
Per 10,000 motor vehicles.....	7.1	6.1	5.1	5.2	5.5	5.3	5.5
Per 100 million vehicle miles.....	7.6	6.4	5.3	5.4	5.6	5.5	5.6

<sup>1</sup> Totals do not equal sums of various types because the estimates are generally made only to nearest 10 deaths, and to nearest 50 deaths for certain types.

<sup>2</sup> Based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad.

Source: National Safety Council, Chicago, Ill.; annual report, *Accident Facts*. (Copyright.)

No. 835. DRIVER AND PEDESTRIAN ACTION IN ACCIDENTS: 1950 TO 1966

[Percent distribution. See headnote, table 833]

TYPE OF ACTION	PERSONS KILLED				PERSONS INJURED			
	1950	1960	1965	1966	1950	1960	1965	1966
<b>DRIVER ACTION</b>								
Number.....	26, 700	30, 400	41, 600	44, 600	1, 210, 000	2, 600, 000	3, 682, 000	3,868,000
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Exceeded speed limit.....	49.8	36.1	41.1	41.4	39.3	38.5	42.2	35.2
On wrong side of road.....	17.8	17.0	16.4	14.7	8.7	6.7	6.8	6.3
Had not right-of-way.....	10.4	12.8	13.0	13.9	26.6	22.5	18.9	19.5
Drove off roadway.....	5.2	16.6	10.5	11.1	2.9	8.3	6.9	7.2
Reckless driving.....	8.5	12.5	14.9	14.7	9.0	13.5	19.2	26.0
Other <sup>1</sup> .....	8.3	5.0	4.1	4.2	13.5	10.5	6.0	5.8
<b>PEDESTRIAN ACTION</b>								
Number of pedestrians..	9, 400	7, 600	9, 000	9, 600	299, 500	255, 500	274, 700	277, 200
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crossing at intersection:								
With signal.....	4.6	6.2	4.8	7.6	10.1	11.9	8.6	10.0
Against signal.....	6.3	7.1	8.6	8.6	9.4	8.5	9.5	10.1
No signal.....	13.5	15.9	7.4	8.2	13.6	12.3	8.1	8.6
Crossing between intersections.	39.8	37.1	40.8	37.8	26.1	32.2	31.6	24.9
Children playing in street.....	5.8	5.3	3.3	3.3	16.6	6.6	6.3	6.7
At work in road.....	3.1	2.9	2.8	3.1	2.7	2.2	1.8	1.9
Coming from behind parked car.....	6.7	6.2	6.9	5.4	9.1	15.7	16.8	15.3
Walking on rural highway.....	13.0	10.0	15.6	15.1	2.3	2.4	7.6	6.3
Not on roadway.....	3.5	4.2	4.7	4.4	6.5	4.5	3.6	4.4
Other <sup>2</sup> .....	3.7	5.1	5.1	6.5	3.6	3.7	6.1	11.8

<sup>1</sup> Cutting in; improper passing; no or improper signalling; movement of driverless car; miscellaneous.

<sup>2</sup> Standing on safety isle; getting on or off other vehicle; riding or hitching on vehicle; miscellaneous.

Source: The Travelers Insurance Companies, Hartford, Connecticut; annual report, *The Travelers Book of Street and Highway Accident Data*.

No. 836. DEATHS FROM MOTOR-VEHICLE ACCIDENTS—PLACE OF DEATH, BY STATES: 1950 TO 1965

STATE	1950	1955	1960	1964	1965	STATE	1950	1955	1960	1964	1965
U.S. <sup>1</sup> .....	34, 763	38, 426	38, 137	46, 930	49, 163	Mo.....	902	1, 079	1, 078	1, 324	1, 349
Ala.....	859	859	926	1, 062	1, 237	Mont.....	209	244	231	276	278
Alaska.....	22	31	43	45	57	Nebr.....	317	331	310	465	397
Ariz.....	333	384	507	586	498	Nev.....	122	186	182	234	173
Ark.....	365	447	449	645	657	N.H.....	103	110	103	157	138
Calif.....	3, 082	3, 524	3, 837	4, 903	4, 952	N.J.....	715	815	764	1, 079	1, 138
Colo.....	415	455	443	611	532	N. Mex.....	340	383	427	398	425
Conn.....	287	353	303	351	439	N.Y.....	1, 961	2, 163	2, 034	2, 749	2, 874
Del.....	84	112	91	121	110	N.C.....	1, 153	1, 222	1, 281	1, 649	1, 636
D.C.....	102	99	82	105	140	N. Dak.....	105	153	166	195	178
Fla.....	882	1, 048	1, 303	1, 609	1, 660	Ohio.....	1, 850	2, 089	1, 933	2, 068	2, 369
Ga.....	928	1, 122	1, 079	1, 367	1, 400	Okla.....	504	569	686	794	759
Hawaii.....	74	64	111	105	94	Oreg.....	461	434	469	606	670
Idaho.....	243	184	231	260	235	Pa.....	1, 656	1, 872	1, 685	1, 972	2, 288
Ill.....	1, 953	1, 877	1, 564	1, 486	2, 311	R.I.....	87	94	60	106	115
Ind.....	1, 136	1, 189	1, 164	1, 458	1, 531	S.C.....	627	696	690	851	849
Iowa.....	620	613	644	858	813	S. Dak.....	198	200	241	270	252
Kansas.....	546	613	535	687	677	Tenn.....	801	968	899	1, 196	1, 149
Ky.....	753	907	808	939	876	Tex.....	2, 499	2, 602	2, 316	3, 022	3, 122
La.....	585	703	849	1, 053	1, 071	Utah.....	199	211	269	299	299
Maine.....	161	177	181	205	216	Vt.....	69	87	104	127	131
Md.....	480	500	527	608	742	Va.....	929	909	782	1, 071	1, 037
Mass.....	492	621	621	704	905	Wash.....	534	514	597	760	822
Mich.....	1, 627	2, 036	1, 634	2, 158	2, 264	W. Va.....	400	398	371	483	484
Minn.....	558	613	750	898	908	Wis.....	857	954	926	1, 058	1, 054
Miss.....	525	562	669	738	724	Wyo.....	149	145	182	159	128

<sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.



No. 837. RAILROADS—SUMMARY STATISTICS: 1930 TO 1965

[As of December 31. Prior to 1960, excludes Alaska and Hawaii. Includes intercorporate duplications. See also *Historical Statistics, Colonial Times to 1957*, series Q 44-124]

ITEM	1930	1940	1950	1960	1962	1963	1964	1965
Operating companies <sup>1</sup> .....number..	775	574	471	407	395	395	380	372
Road owned, first track <sup>2</sup> .....miles..	249,052	233,670	223,779	217,552	215,090	214,387	212,059	211,384
<b>Miles operated: <sup>3</sup></b>								
Total, reporting railroads <sup>4</sup> .....	429,883	405,975	396,380	381,745	376,290	374,522	372,300	370,636
Road, first track <sup>4</sup> .....	260,440	245,740	236,857	230,169	227,851	227,282	226,753	226,015
Other main tracks.....	42,742	41,373	40,456	34,800	32,719	32,153	31,535	31,113
Yardtrack and sidings.....	126,701	118,862	119,067	116,776	115,720	115,087	114,012	113,508
Miles of road operated by receivers or trustees.....	9,486	75,270	12,223	1,259	2,113	1,748	1,732	1,690
<b>Equipment:</b>								
Locomotives in service.....number..	60,189	44,333	42,951	31,178	30,701	30,506	30,296	30,061
Average tractive effort <sup>4</sup> .....pounds..	45,225	50,905	57,075	61,314	61,415	61,533	62,311	63,096
Cars in service:								
Passenger-train.....number..	53,584	38,308	37,359	25,746	23,430	22,616	21,510	20,022
Freight train <sup>7</sup> .....1,000..	2,322	1,684	1,746	1,690	1,581	1,542	1,518	1,515
Average capacity <sup>6</sup> .....tons..	46.9	50.0	52.6	55.4	56.3	56.8	58.2	59.8
<b>Capital and property investment: <sup>8</sup></b>								
Road and equipment, book value <sup>9</sup>								
mil. dol..	26,051	25,646	30,174	35,513	34,361	34,519	34,869	35,489
Depreciation reserve <sup>10</sup> .....mil. dol..	2,361	3,095	6,629	8,532	8,982	9,144	9,265	9,342
Capital outstanding <sup>11</sup> .....mil. dol..	24,331	23,371	20,399	17,854	16,690	16,736	(12)	(12)
Net capitalization.....mil. dol..	19,066	17,630	15,618	14,150	12,968	12,840	(12)	(12)
Stock paying dividends.....mil. dol..	7,702	3,741	6,769	5,617	4,286	4,462	4,927	4,845
Dividends declared.....mil. dol..	603	217	349	412	394	413	492	533
Interest accrued on funded debt mil. dol..	589	547	367	387	376	378	384	403
<b>Income and expenses:</b>								
Operating revenues.....mil. dol..	5,356	4,355	9,587	9,642	9,563	9,685	9,985	10,425
Operating expenses.....mil. dol..	3,994	3,132	7,135	7,657	7,508	7,542	7,830	8,003
Tax accruals.....mil. dol..	354	403	1,212	1,020	926	906	891	949
Operating income.....mil. dol..	1,008	820	1,240	964	1,130	1,236	1,264	1,473
Net income <sup>8</sup> .....mil. dol..	578	243	855	473	600	681	733	866
<b>Passenger service:</b>								
Passenger revenue.....mil. dol..	731	418	815	641	620	590	579	556
Passengers carried.....millions..	708	456	488	327	313	311	314	306
Passenger-miles.....millions..	26,876	23,816	31,790	21,284	19,926	18,519	18,271	17,454
Commutation <sup>13</sup> .....millions..	6,669	3,997	4,990	4,197	4,046	4,101	4,199	4,128
Coach <sup>13</sup> .....millions..	(NA)	12,485	17,443	13,422	12,757	11,785	11,632	11,104
Parlor and sleeping car <sup>13</sup> .....millions..	(NA)	7,288	9,338	3,643	3,102	2,611	2,416	2,156
Revenue per passenger-mile.....cents..	2.72	1.76	2.56	3.01	3.11	3.18	3.17	3.19
Average journey per passenger miles..	37.96	52.22	65.14	65.05	63.65	59.55	58.12	57.07
<b>Freight service:</b>								
Freight revenue.....mil. dol..	4,145	3,584	7,934	8,152	8,115	8,271	8,575	9,037
Revenue tons originated.....millions..	1,220	1,069	1,421	1,301	1,294	1,347	1,420	1,479
Tons carried one mile.....millions..	385,815	375,369	591,550	575,360	595,774	625,170	662,089	705,705
Revenue ton-miles per mile of road 1,000..	1,481	1,526	2,497	2,497	2,612	2,750	2,918	3,121
Revenue per ton-mile.....cents..	1.074	0.955	1.341	1.417	1.362	1.323	1.295	1.281
Haul per ton.....miles..	316.21	351.13	416.32	442.14	460.57	463.97	466.17	477.15
Number of employees, average, 1,000..	1,517	1,046	1,237	793	711	691	675	655
Compensation of employees mil. dol..	2,589	1,991	4,645	4,957	4,722	4,690	4,758	4,887
<b>Accidents: <sup>14</sup></b>								
Persons killed.....number..	5,665	4,740	3,486	2,248	2,106	2,140	2,423	2,399
Persons injured.....number..	49,443	29,606	33,267	19,577	26,880	27,456	27,614	25,789

NA Not available.

<sup>1</sup> Line-haul operating.

<sup>2</sup> Excludes all duplications; also excludes some mileage in Canada.

<sup>3</sup> Includes some duplication under trackage rights and some mileage in Canada.

<sup>4</sup> Excludes circular and unofficial.

<sup>5</sup> 1930-1950 average for steam locomotives only; beginning 1960, all locomotives.

<sup>6</sup> Covers class I railroads, excluding switch and terminal companies. <sup>7</sup> Excludes caboose cars. <sup>8</sup> Includes lessors.

<sup>9</sup> Increase in investment over a period of years cannot be obtained accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale or abandonment, reclassification, etc. Includes lessor companies and proprietary companies except those which are part of systems filing consolidated annual reports.

<sup>10</sup> For 1950 and later years, includes amortization of defense projects and proprietary companies.

<sup>11</sup> Comprises actually outstanding, nominally issued, and nominally outstanding securities, and equipment obligations. <sup>12</sup> Series discontinued. <sup>13</sup> Class I railroads. <sup>14</sup> Includes highway grade crossing casualties.

Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1, and *Accident Bulletin*.

## No. 838. RAILROAD COMPANIES, BY CLASS: 1950 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. See text, p. 552, for explanation of class limits]

CLASS OF COMPANY	1950	1955	1960	1961	1962	1963	1964	1965
<b>Total</b> .....	1,038	935	842	824	814	807	772	763
Class I line-haul operating.....	127	126	106	103	103	102	98	76
Lessors to class I.....	179	155	128	125	124	121	122	116
Class II line-haul operating.....	171	155	304	297	292	290	287	302
Lessors to class II.....	6	8	8	8	8	10	10	15
Class III <sup>1</sup> .....	175	163	(X)	(X)	(X)	(X)	(X)	(X)
Switching and terminal <sup>2</sup> .....	253	237	221	219	215	215	207	205
Proprietary <sup>3</sup> .....	100	67	53	51	50	47	46	45
Circular.....	18	18	21	19	18	17	—	—
Unofficial.....	9	6	1	2	4	5	2	4

X Not applicable. <sup>1</sup> Classification terminated in 1956.<sup>2</sup> Includes operating, lessor, proprietary, circular, and unofficial companies.<sup>3</sup> Excludes those in systems which file consolidated reports combining mileage, investment, and other items on a net system basis.Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, beginning 1955, *Transport Statistics in the United States*, Part 1.

## No. 839. RAILROADS—EQUIPMENT IN SERVICE: 1950 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Q 53-65]

ITEM	1950	1955	1960	1962	1963	1964	1965
<b>Locomotives</b> .....	42,951	33,533	31,178	30,701	30,506	30,296	30,061
Steam.....	26,680	6,266	374	136	112	93	89
Electric.....	827	639	498	441	438	402	365
Diesel.....	15,396	26,563	30,240	30,057	29,898	29,745	29,552
Other.....	48	65	66	67	58	56	55
New units installed <sup>1</sup> .....	3,215	1,097	389	764	834	963	1,387
<b>Freight cars</b> <sup>2</sup> .....	1,745,778	1,723,747	1,690,396	1,581,213	1,542,456	1,517,564	1,515,169
Box.....	718,150	723,962	700,331	647,602	625,400	603,828	593,198
Gondola and hopper.....	874,801	845,809	831,473	778,187	760,192	753,957	753,892
Other.....	152,827	153,976	158,592	155,424	156,864	159,779	168,079
Aggregate capacity <sup>1</sup> .....1,000 tons.....	90,465	91,229	91,948	87,223	85,943	86,672	88,323
Average capacity <sup>1</sup> .....tons.....	52.6	53.7	55.4	56.3	56.8	58.2	59.8
New units installed <sup>1</sup> .....	40,032	29,070	54,032	29,237	33,245	52,308	62,859
<b>Passenger-train cars</b> .....	37,359	32,118	25,746	23,430	22,616	21,510	20,022
Coaches.....	16,488	13,543	10,287	9,432	9,286	8,739	8,086
Average seating capacity <sup>1</sup> .....	75	75	76	77	78	79	76
Baggage, express, and other non-passenger.....	13,817	13,388	10,077	9,356	9,027	8,834	8,411
Other.....	7,054	5,187	5,382	4,642	4,303	3,937	3,525
New units installed <sup>1</sup> .....	1,078	412	251	304	156	399	666
Air-conditioned cars <sup>3</sup> .....	16,747	14,784	11,787	10,423	9,950	8,980	(NA)

NA Not available. <sup>1</sup> Class I railroads.<sup>2</sup> Excludes caboose cars. <sup>3</sup> Class I railroads and Pullman Company.Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1.

## No. 840. RAILROADS (CLASS I)—FUEL AND POWER CONSUMED AND RAILS AND TIES LAID: 1950 TO 1965

[Line-haul railroads only. See text, p. 552, for explanation of class limits. See *Historical Statistics, Colonial Times to 1957*, series Q 128-137, for related data]

ITEM	1950	1955	1960	1963	1964	1965
<b>Fuel and power consumed:</b>						
Coal.....1,000 short tons.....	55,452	11,427	39	7	7	4
Fuel oil.....mil. gal.....	2,284	376	89	90	85	77
Diesel oil.....mil. gal.....	1,827	3,393	3,472	3,545	3,630	3,742
Electricity.....mil. kw.-hr.....	2,260	2,082	1,641	1,609	1,515	1,509
<b>Rails and ties laid:</b>						
Rails (replacement and betterment).....1,000 short tons.....	2,454	1,890	915	947	1,009	1,022
Ties (in previously constructed tracks):						
Crossties.....1,000.....	30,494	24,149	14,319	13,667	14,738	14,760
Switch and bridge ties.....1,000 board ft.....	98,400	79,098	49,902	46,921	49,333	48,169

Source: Interstate Commerce Commission; *Annual Report*.



## No. 841. RAILROADS—MILES OF ROAD OWNED, STATES: 1940 TO 1965

[As of December 31. Data are for actual length of line in each State without duplication]

STATE	1940	1950	1960	1965	STATE	1940	1950	1960	1965
U.S.-----	234,398	224,371	217,552	211,384	S. A.—Con.				
N. E.-----	6,677	6,396	6,088	5,735	W. Va.-----	3,831	3,719	3,681	3,561
Maine-----	1,882	1,830	1,784	1,689	N.C.-----	4,668	4,435	4,310	4,245
N.H.-----	1,002	936	854	815	S.C.-----	3,466	3,223	3,284	3,261
Vt.-----	919	889	811	770	Ga.-----	6,334	6,043	5,854	5,565
Mass.-----	1,793	1,726	1,633	1,573	Fla.-----	5,218	4,793	4,655	4,576
R.I.-----	194	185	181	154	E.S.C.-----	16,179	15,574	15,233	15,120
Conn.-----	887	830	825	734	Ky.-----	3,691	3,641	3,526	3,534
M. A.-----	20,175	19,180	17,469	16,349	Tenn.-----	3,573	3,471	3,402	3,339
N.Y.-----	7,739	7,493	6,463	5,802	Ala.-----	4,996	4,723	4,646	4,612
N.J.-----	2,108	1,992	1,914	1,845	Miss.-----	3,919	3,739	3,659	3,635
Pa.-----	10,328	9,695	9,092	8,702	W.S.C.-----	31,497	29,771	28,341	27,466
E. N. C.-----	41,281	39,851	38,949	38,054	Ark.-----	4,482	4,104	3,872	3,694
Ohio-----	8,501	8,418	8,322	8,131	La.-----	4,357	4,079	3,937	3,818
Ind.-----	6,889	6,652	6,593	6,524	Okla.-----	6,302	5,977	5,777	5,670
Ill.-----	11,949	11,643	11,201	10,956	Tex.-----	16,356	15,611	14,755	14,384
Mich.-----	7,303	6,803	6,640	6,408	Mt.-----	23,518	22,101	21,355	20,883
Wis.-----	6,639	6,335	6,193	6,035	Mont.-----	5,149	5,059	4,962	4,939
W. N. C.-----	48,293	47,108	46,367	45,423	Idaho-----	2,746	2,713	2,685	2,668
Minn.-----	8,421	8,333	8,174	8,001	Wyo.-----	2,008	1,925	1,882	1,848
Iowa.-----	8,950	8,585	8,561	8,369	Colo.-----	4,552	4,273	3,786	3,760
Mo.-----	7,042	6,735	6,582	6,412	N. Mex.-----	2,812	2,496	2,473	2,226
N. Dak.-----	5,266	5,256	5,194	5,195	Ariz.-----	2,228	2,197	2,184	2,051
S. Dak.-----	4,006	3,958	3,920	3,905	Utah.-----	2,082	1,788	1,736	1,756
Nebr.-----	6,044	5,800	5,721	5,553	Nev.-----	1,941	1,650	1,647	1,635
Kans.-----	8,564	8,441	8,215	7,988	Pac.-----	17,303	16,466	16,388	15,630
S. A.-----	29,475	27,924	27,362	26,724	Wash.-----	5,243	5,124	4,987	4,936
Del.-----	295	295	293	293	Oreg.-----	3,385	3,217	3,174	3,157
Md.-----	1,367	1,309	1,141	1,135	Calif.-----	7,947	7,533	7,630	7,492
D.C.-----	35	34	31	31	Alaska-----	536	567	572	20
Va.-----	4,261	4,073	4,113	4,057	Hawaii-----	192	25	25	25

Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, beginning 1960, *Transport Statistics in the United States*, Part 1.

## No. 842. RAILROADS (CLASS I)—REVENUES, EXPENSES, INCOME, AND CAPITAL EXPENDITURES: 1950 TO 1966

[In millions of dollars. See text, p. 552, for explanation of class limits. See also *Historical Statistics, Colonial Times to 1957*, series Q 103-117]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
Operating revenues-----	9,473	10,106	9,514	9,440	9,560	9,857	10,208	10,655
Freight-----	7,817	8,538	8,025	7,991	8,146	8,455	8,836	9,281
Passenger-----	813	743	640	619	588	578	553	544
Mail-----	374	287	331	344	339	329	311	304
Express-----	81	118	100	82	80	80	77	67
Other-----	387	420	417	404	407	414	431	459
Operating expenses-----	7,059	7,646	7,565	7,419	7,452	7,738	7,850	8,117
Maintenance-----	2,995	3,175	2,952	2,898	2,914	2,990	3,011	3,146
Way and structures-----	1,287	1,387	1,192	1,154	1,183	1,226	1,236	1,303
Equipment-----	1,708	1,788	1,760	1,743	1,732	1,764	1,775	1,843
Traffic-----	192	235	258	252	252	258	262	265
Transportation, rail line-----	3,491	3,770	3,833	3,755	3,771	3,921	4,020	4,139
Miscellaneous operations-----	110	108	82	77	71	68	67	66
General-----	271	357	441	436	443	501	490	500
Net revenue from railway operations-----	2,414	2,466	1,951	2,023	2,108	2,119	2,358	2,538
Tax accruals-----	1,195	1,081	999	905	886	871	916	968
Operating income-----	1,219	1,385	952	1,117	1,221	1,248	1,442	1,570
Net railway operating income-----	1,040	1,128	584	726	806	818	962	1,046
Ratio of expenses to revenues (percent)-----	74.5	75.6	79.5	78.6	78.0	78.5	76.9	76.2
Expenditures for capital improvements-----	1,065	908	919	833	1,045	1,417	1,631	1,953
Equipment-----	779	568	633	593	786	1,140	1,304	1,555
Roadway and structures-----	286	340	286	240	259	278	327	398

Source: Interstate Commerce Commission; *Annual Report*.



No. 843. RAILROADS (CLASS I)—SELECTED FREIGHT STATISTICS: 1950 TO 1966

[Excludes switching and terminal roads. Tons of 2,000 pounds. See text, p. 552, for explanation of class limits. See also *Historical Statistics, Colonial Times to 1957*, series Q 93]

ITEM	1950	1955	1960	1964	1965	1966
Average miles of road operated.....	225,339	223,291	219,381	215,678	212,133	211,474
Operating revenue.....mil. dol.	7,817	8,538	8,025	8,455	8,836	9,281
Per ton-mile.....cents	1.33	1.37	1.40	1.28	1.27	(NA)
Per ton per road.....dollars	3.04	3.25	3.51	3.38	3.48	(NA)
Revenue-tons:						
Originated.....millions	1,354	1,393	1,241	(NA)	(NA)	(NA)
Carried.....millions	2,570	2,607	2,281	2,499	2,539	2,638
Carried 1 mile.....millions	588,578	623,615	572,309	659,327	697,736	738,252
Miles per revenue-ton per road (average haul).....	229.0	237.6	250.9	263.8	274.8	(NA)
Freight train miles.....millions	515	476	405	415	421	437
Freight train car-miles:						
Loaded, revenue and nonrevenue.....millions	19,644	20,099	17,287	17,487	17,885	18,304
Empty.....millions	10,140	11,054	10,872	11,393	11,420	12,034
Net ton-miles per train-mile <sup>1</sup> .....	1,224	1,374	1,466	1,616	1,685	(NA)
Net ton-miles per loaded car-mile <sup>1</sup> .....	31.7	32.0	33.9	38.3	39.7	(NA)
Train-miles per train-hour.....	16.8	18.6	19.5	20.2	20.1	(NA)

NA Not available. <sup>1</sup> Revenue and nonrevenue freight.

Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1, and unpublished data.

No. 844. RAILROADS (CLASS I)—CARS OF REVENUE FREIGHT LOADED, BY PRINCIPAL COMMODITIES: 1940 TO 1966

[In thousands. Figures are 52-week totals. See text, p. 552, for explanation of class limits]

YEAR	Total	Grain and grain products	Live-stock	Coal	Coke	Forest products	Ore	Miscellaneous	Mdse., less than carload	Cars loaded with highway trailers
1940.....	36,358	1,835	685	6,820	549	1,800	2,148	14,842	7,679	(NA)
1945.....	41,918	2,734	894	8,296	695	2,039	2,474	19,258	5,529	(NA)
1950.....	38,903	2,466	491	7,240	727	2,226	2,529	18,955	4,269	(NA)
1955.....	37,636	2,633	441	6,508	616	2,275	2,846	19,087	3,230	168
1960.....	30,441	2,786	259	5,318	403	1,950	2,209	15,707	1,809	554
1963.....	28,871	2,804	164	5,533	386	1,872	1,765	15,478	868	797
1964.....	29,027	2,625	153	5,530	423	1,960	2,005	15,693	639	891
1965.....	29,248	2,662	125	5,555	428	1,978	1,956	16,084	459	1,034
1966.....	29,618	2,877	110	5,590	432	1,996	2,131	16,159	322	1,163

NA Not available.

Source: Association of American Railroads, Car Service Division, Washington, D.C.; annual report, *Cars of Revenue Freight Loaded*. Weekly reports are published currently.

No. 845. RAILROADS (CLASS I)—SELECTED PASSENGER STATISTICS: 1950 TO 1966

[See text, p. 552, for explanation of class limits. See also *Historical Statistics, Colonial Times to 1957*, series Q 87-89]

ITEM	1950	1955	1960	1965	1966 (prel.)
Average miles of road operated.....	150,349	120,711	94,117	76,993	73,173
Passenger revenue.....\$1,000	813,417	742,945	640,268	552,775	543,387
Revenue per passenger-mile:					
Including commutation passengers.....cents	2.56	2.60	3.01	3.18	(NA)
Excluding commutation passengers.....cents	2.46	2.70	3.03	3.14	(NA)
Revenue passengers carried.....1,000	486,194	431,999	325,872	298,877	300,370
Revenue passenger-miles.....millions	31,760	28,526	21,258	17,389	17,095
Revenue passenger-miles per train-mile.....	88.5	95.2	100.9	100.0	(NA)
Revenue passenger-miles per car-mile.....	17.0	17.8	19.3	20.9	(NA)
Average journey per passenger per road.....miles	65.3	66.1	65.3	58.2	(NA)
Passenger-train miles.....1,000	357,618	298,602	209,367	172,344	164,264
Passenger-carrying car-miles.....1,000	1,854,737	1,570,916	1,101,021	832,102	(NA)
Train-miles per train-hour.....	37.4	39.8	40.7	41.3	(NA)

NA Not available.

Source: Interstate Commerce Commission; *Annual Report*, and *Transport Statistics in the United States*, Part 1, and unpublished data.

**No. 846. RAILROADS—EMPLOYEES, HOURS, AND COMPENSATION: 1950 TO 1966**[Excludes switching and terminal roads. See also *Historical Statistics, Colonial Times to 1957*, series Q141-142]

YEAR	ALL OPERATING CARRIERS <sup>1</sup>		CLASS I CARRIERS <sup>2</sup>					
	Average number of employees	Total yearly compensation (\$1,000)	Average number of employees	Total hours (1,000)	Total yearly compensation (\$1,000)	Average hours per employee	Average compensation	
							Per hour <sup>3</sup>	Per year
1950-----	1,236,879	4,644,890	1,220,401	2,876,591	4,594,423	2,357	\$1.60	\$3,765
1955-----	1,071,387	5,045,278	1,057,866	2,502,608	4,992,235	2,366	2.00	4,719
1960-----	793,071	4,956,902	780,971	1,840,615	4,893,622	2,358	2.66	6,270
1962-----	711,000	4,721,895	700,146	1,672,389	4,662,113	2,389	2.79	6,659
1963-----	690,585	4,690,053	679,867	1,640,868	4,629,784	2,414	2.82	6,810
1964-----	675,348	4,757,589	665,034	1,619,804	4,697,884	2,436	2.90	7,064
1965-----	654,670	4,886,740	639,961	1,564,736	4,793,066	2,445	3.06	7,490
1966 (prel.)-----	(NA)	(NA)	630,895	1,541,093	4,879,273	2,443	3.17	7,734

NA Not available. <sup>1</sup> Prior to 1960, excludes Alaska and Hawaii.<sup>2</sup> See text, p. 552, for explanation of class limits.<sup>3</sup> Calculated for all classes of employees, including those not paid on an hourly basis.Source: Interstate Commerce Commission; annual report, *Transport Statistics in the United States*, Part 1, and Statement No. M-300.**No. 847. RAILROAD ACCIDENTS—PERSONS KILLED AND INJURED, BY STATUS: 1950 TO 1966**[As of December 31. Prior to 1960, excludes Alaska and Hawaii. Covers all reportable accidents, i.e. those resulting in personal casualty, or in damage to railroad property exceeding amounts specified by the Interstate Commerce Commission. Includes rail-highway grade crossing accidents. See also *Historical Statistics, Colonial Times to 1957*, series Q 143-152]

YEAR	TOTAL		PASSENGERS <sup>1</sup>		EMPLOYEES		TRESPASSERS		OTHER PERSONS <sup>2</sup>	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1950-----	3,486	33,267	180	3,419	392	22,586	1,215	942	1,699	6,320
1955-----	2,761	27,840	24	2,253	282	19,011	867	680	1,588	5,896
1960-----	2,248	19,577	32	1,463	198	13,710	617	564	1,401	3,840
1965-----	2,399	25,789	11	1,189	184	19,133	634	668	1,570	4,799
1966-----	2,684	25,552	23	1,244	168	18,651	678	702	1,815	4,955

<sup>1</sup> Data cover passengers on trains and travelers not on trains.<sup>2</sup> Includes casualties sustained in nontrain accidents. Nontrain accidents are those not caused directly by operation or movement of trains, locomotives, or cars, but attributable to shop machinery or use of tools and apparatus that result in reportable casualties.Source: 1950-1965, Interstate Commerce Commission; annual report, *Accident Bulletin*. Beginning 1966, Dept. of Transportation, Federal Railroad Administration; annual report, *Accident Bulletin*.**No. 848. HIGHWAY GRADE CROSSINGS—NUMBER AND ACCIDENTS: 1950 TO 1966**[Prior to 1960, excludes Alaska and Hawaii. Covers all railroads, except as noted. Excludes casualties due to suicide, mental derangement, and attempt to escape custody. See also headline, table 847. See also *Historical Statistics, Colonial Times to 1957*, series Q 125-127]

YEAR	HIGHWAY GRADE CROSSINGS <sup>1</sup>			ACCIDENTS				
	Total	Specially protected <sup>2</sup>	Eliminated by separation of grades	Number	All persons		Involving motor vehicles	
					Number killed	Number injured	Persons killed	Persons injured
1950-----	227,364	35,968	61	4,000	1,576	4,368	1,393	4,206
1955-----	226,318	39,060	84	3,846	1,446	4,014	1,313	3,886
1960-----	224,513	42,267	102	3,195	1,364	3,424	1,254	3,277
1964-----	218,723	43,990	159	3,755	1,543	3,783	1,432	3,676
1965-----	215,961	44,333	59	3,820	1,534	3,801	1,434	3,663
1966-----	(NA)	(NA)	(NA)	4,117	1,782	4,073	1,657	3,927

NA Not available. <sup>1</sup> Class I railroads only.<sup>2</sup> Includes crossings with operated gates or watchmen, or both, during at least part of day; and those with audible or visible signals, or both. Excludes those with fixed signs only.Source: Interstate Commerce Commission; annual reports, *Accident Bulletin*, *Statistics of Railways in the United States*, and, beginning 1955, *Transport Statistics in the United States*, Part 1. Beginning 1966, accident data from Dept. of Transportation, Federal Railroad Administration; annual report, *Accident Bulletin*.



## No. 849. PULLMAN COMPANY OPERATIONS: 1940 TO 1966

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series Q 138-140]

YEAR	Average miles of road over which operations conducted	Revenue-passenger miles <sup>1</sup> (millions)	Employees, annual average	YEAR	Average miles of road over which operations conducted	Revenue-passenger miles <sup>1</sup> (millions)	Employees, annual average
1940.....	109,595	8,214	20,877	1962.....	61,278	2,905	6,392
1945.....	95,765	27,276	41,601	1963.....	59,798	2,516	5,902
1950.....	102,722	10,558	22,820	1964.....	52,994	2,218	5,544
1955.....	89,124	6,882	18,061	1965.....	51,057	2,014	5,347
1960.....	67,467	3,358	7,320	1966.....	45,807	1,969	4,905

<sup>1</sup> Beginning 1940, includes operations on Canadian and Mexican railroads; excludes chartered car operations.Source: Interstate Commerce Commission; annual reports, *Statistics of Railways in the United States*, and, beginning 1955, *Transport Statistics in the United States*. (1955-1962, Part 2; beginning 1963, Part 1.)

## No. 850. PETROLEUM PIPELINE COMPANIES—SUMMARY OF SELECTED FINANCIAL DATA: 1940 TO 1965

[In thousands of dollars, except miles of line operated. Prior to 1960, excludes Alaska and Hawaii. Refers to pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission. See *Historical Statistics, Colonial Times to 1957*, series Q 342, for miles of line operated]

YEAR	Miles of line operated	Investment in carrier property	Other investments	Total current assets	Pipeline operating revenues	Pipeline operating expenses	Pipeline operating income	Net income
1940.....	100,156	841,977	64,095	47,163	225,760	101,919	82,558	79,857
1945.....	113,351	1,042,523	86,713	115,370	304,268	191,668	67,127	65,941
1950.....	128,589	1,655,973	100,798	192,291	441,627	254,701	89,047	81,303
1955.....	140,374	2,585,565	80,679	352,762	677,605	346,985	176,257	153,334
1960.....	151,968	3,299,501	113,504	393,028	770,417	417,640	198,911	169,398
1962.....	155,053	3,518,420	81,817	432,084	810,605	426,363	227,030	203,800
1963.....	156,812	3,914,665	99,230	534,686	840,260	437,701	232,220	200,770
1964.....	159,583	4,040,385	<sup>1</sup> 52,535	530,431	865,079	<sup>2</sup> 502,456	362,623	209,527
1965.....	161,412	4,177,562	<sup>1</sup> 59,060	555,254	903,817	<sup>2</sup> 515,113	388,705	217,761

<sup>1</sup> Represents investments and special funds. <sup>2</sup> Includes pipe-line taxes but not Federal income taxes.

## No. 851. PETROLEUM PIPELINES—OIL TRANSPORTED: 1950 TO 1965

[Prior to 1960, excludes Alaska and Hawaii. See headnote, table 850. See *Historical Statistics, Colonial Times to 1957*, series Q 343-344, for oil originated]

ITEM	1950	1955	1960	1962	1963	1964	1965
Number of companies.....	76	84	87	92	94	90	89
Mileage operated.....	128,589	140,374	151,968	155,053	156,812	159,583	161,412
Gathering lines.....	47,593	50,645	49,401	48,063	47,226	46,886	46,640
Trunk lines.....	80,996	89,729	102,567	106,990	109,586	112,697	114,772
<b>Oil transported (million bbl.):</b>							
Total received into system.....	2,766	4,058	4,783	5,123	5,334	5,576	5,868
From connecting carriers.....	944	1,434	1,636	1,666	1,685	1,628	1,620
Crude oil.....	879	1,299	1,402	1,411	1,433	1,412	1,385
Refined oils.....	65	134	234	254	252	216	235
Originated.....	1,822	2,624	3,147	3,457	3,649	3,948	4,247
Crude oil.....	1,525	2,038	2,239	2,379	2,467	2,567	2,618
Refined oils.....	297	586	909	1,078	1,182	1,381	1,629
Total delivered out of system.....	2,740	4,039	4,783	5,109	5,322	5,565	5,864
To connecting carriers.....	937	1,444	1,639	1,624	1,648	1,684	1,757
Crude oil.....	874	1,329	1,400	1,353	1,367	1,387	1,361
Refined oils.....	63	115	240	271	281	297	396
Terminated.....	1,803	2,595	3,144	3,485	3,673	3,881	4,107
Crude oil.....	1,510	1,992	2,253	2,428	2,535	2,590	2,641
Refined oils.....	293	603	891	1,057	1,138	1,292	1,466
<b>Trunk-line movement (million bbl.):</b>							
Crude oil.....	1,977	2,781	3,091	3,213	3,355	3,446	3,505
Refined oils.....	360	717	1,124	1,322	1,416	1,601	1,872
<b>Trunk-line barrel-miles (billions):</b>							
Crude oil.....	577	839	976	998	1,054	1,062	1,121
Refined oils.....	107	205	304	347	369	449	627

Source of tables 850 and 851: Interstate Commerce Commission; annual reports, *Statistics of Oil Pipeline Companies*, and, beginning 1955, *Transport Statistics in the United States*, Part 6.



## Section 22

### Transportation—Air and Water

This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. The principal sources of these data are the annual *FAA Statistical Handbook of Aviation*, issued by the Federal Aviation Agency; the annual *Waterborne Commerce of the United States* and the *Annual Report of the Chief of Engineers*, Part 2, issued by the Corps of Engineers of the Department of the Army; the monthly and annual *U.S. Waterborne Foreign Trade*, and *U.S. Airborne Foreign Trade*, issued by the Bureau of the Census; and the annual *Merchant Marine Statistics*, issued by the Bureau of Customs.

Data on air transportation are also presented in *Air Transport Facts and Figures*, published annually by the Air Transport Association of America, Washington, D.C. Additional sources of data on water transportation include *A Statistical Analysis of the World's Merchant Fleets*, issued periodically by the Maritime Administration of the Department of Commerce; *The Bulletin*, issued monthly by the American Bureau of Shipping, New York; and the *Annual Summary of Merchant Ships Launched in the World* and the *Register Book* published by Lloyd's Register of Shipping, London, England. The 1821 through 1946 issues of *Foreign Commerce and Navigation of the United States*, published by the Bureau of the Census, is a basic source for historical data.

Data relating to merchandise exports and imports, their classification, dollar values, and countries of origin and destination are in section 31, Foreign Commerce and Aid.

**Civil aviation.**—Federal promotion and regulation of civil aviation are carried out by the Federal Aviation Agency and the Civil Aeronautics Board. The Board issues certificates permitting persons to engage in air transportation as a business, fixes air mail rates which they may charge, and may establish maximum and minimum rates for transportation of passengers and goods. It also has the duty of investigating accidents in air transportation.

The principal activities of the Federal Aviation Agency are: Controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment for the airways; and promotion of air safety.

These agencies publish annual operational data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the activity volume in the field of non-aircarrier (general aviation) flying; and aircraft production and registration.

**Air carriers and service.**—The term *certificated route air carrier* refers to air carriers holding certificates of public convenience and necessity, issued by the Civil Aeronautics Board, authorizing the performance of scheduled air transportation over specified routes and a limited amount of nonscheduled operations. This general carrier grouping includes the all-purpose carrier (i.e., the so-called passenger/cargo carriers) and the all-cargo carriers, and comprises all of the airlines certificated by the board, except the supplemental air carriers. Certificated route air carriers are often referred to as "scheduled airlines," although they also perform nonscheduled service. *Nonscheduled service* comprises revenue flights that are not operated in regular scheduled service, such as charter flights, and all nonrevenue flights incident to such flights. *Scheduled service* is transport service operated over an air carrier's certificated routes, based on published flight schedules, including extra sections and related nonrevenue flights.

**Vessel shipments, entrances, and clearances.**—Shipments by dry cargo vessels comprise shipments on all types of watercraft except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered at the first port which it enters in the United States, regardless of whether any cargo is unladen at that port. A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast. Army and Navy vessels entering or clearing without commercial cargo and vessels touching at a United States port in distress, or for other temporary causes without discharging cargo, are not included in the figures.

**Units of measurement.**—Cargo tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Dead-weight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 852. SCHEDULED PASSENGER/CARGO OPERATIONS—OPERATING REVENUES AND EXPENSES OF CERTIFICATED AIR CARRIERS: 1955 TO 1966

[In millions of dollars. 1955 not exactly comparable with later years. Beginning 1962, aircraft expense items include some ground and indirect expenses not previously included, and the ground and indirect expense item covers only expenses chargeable to general services and administration. See also headnote, table 855]

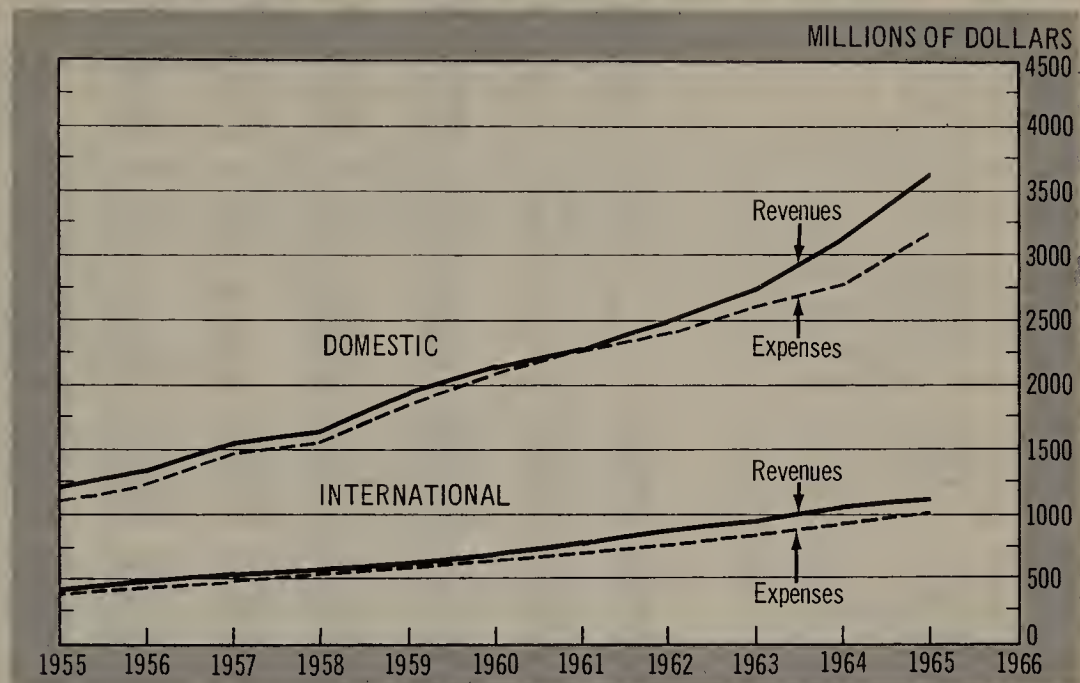
ITEM	1955	1960	1962	1963	1964	1965	1966
DOMESTIC							
Revenues.....	1,215	2,129	2,498	2,722	3,095	3,609	4,070
Passenger.....	1,065	1,860	2,167	2,374	2,701	3,142	3,534
Mail (including subsidy).....	61	113	139	143	150	159	162
Express and freight.....	62	103	136	152	181	220	251
Excess baggage.....	12	21	20	17	17	12	6
Other.....	15	32	35	35	46	77	117
Expenses.....	1,091	2,091	2,408	2,580	2,778	3,165	3,590
Aircraft.....	559	1,043	1,448	1,539	1,615	1,811	2,007
Flying operations.....	328	601	659	699	756	855	974
Direct maintenance flight equipment.....	138	258	496	523	580	640	680
Depreciation and amortization flight equipment.....	93	184	293	317	279	316	353
Ground and indirect.....	532	1,048	960	1,041	1,163	1,354	1,583
Net operating income.....	124	38	90	143	317	443	480
INTERNATIONAL							
Revenues.....	398	685	810	920	1,028	1,199	1,464
Passenger.....	300	528	595	693	782	887	995
Mail (including subsidy).....	30	48	70	74	71	82	132
Express and freight.....	33	59	71	80	100	131	150
Excess baggage.....	7	10	10	12	11	14	14
Other.....	28	41	63	61	64	85	173
Expenses.....	380	639	724	799	896	1,002	1,221
Aircraft.....	181	304	398	430	472	509	634
Flying operations.....	115	180	193	217	238	263	329
Direct maintenance flight equipment.....	37	58	114	118	145	146	181
Depreciation and amortization of flight equipment.....	29	66	91	96	88	100	124
Ground and indirect.....	200	336	325	369	424	493	587
Net operating income.....	18	45	87	121	131	197	243

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*  
Data from Civil Aeronautics Board.



FIG. XXXVII. OPERATING REVENUES AND EXPENSES OF SCHEDULED AIR CARRIERS: 1955 TO 1965

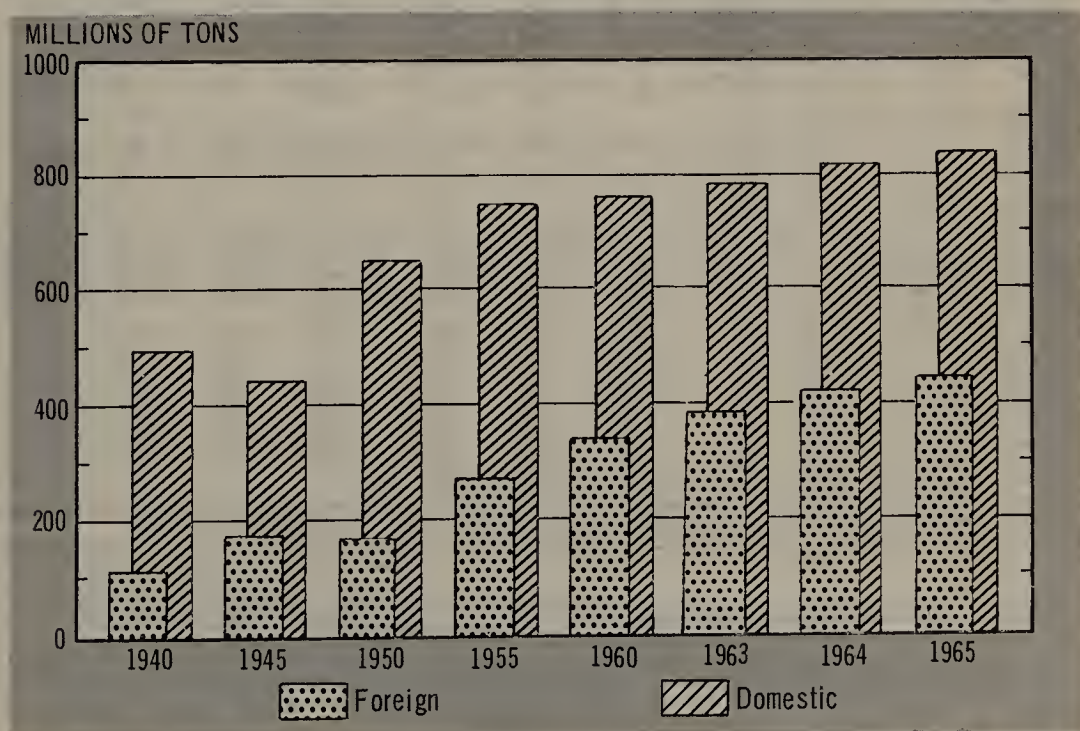
[See table 852]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Federal Aviation Agency.

FIG. XXXVIII. WATERBORNE COMMERCE OF THE UNITED STATES: 1940 TO 1965

[See table 865]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Army, Corps of Engineers.



## No. 853. SUMMARY OF CIVIL FLYING: 1940 TO 1966

[As of Dec. 31 or for years ending Dec. 31. General aviation flying excludes civil flying performed by public carriers—scheduled, supplemental, contract, or intrastate. See also *Historical Statistics, Colonial Times to 1957*, series Q 376-383 and Q 394-397]

ITEM	1940	1950	1960	1963	1964	1965	1966
Airports in operation <sup>1</sup> .....	2,331	6,403	6,881	8,814	9,490	9,566	9,673
Public <sup>2</sup> .....	1,031	2,272	2,780	3,451	3,644	3,570	3,630
Private <sup>2</sup> .....	1,300	4,131	4,101	5,363	5,846	5,996	6,043
Lighted airports.....	776	1,670	2,133	2,672	2,773	2,878	2,988
Airports with paved runways.....	(NA)	1,422	1,893	2,451	2,620	2,747	2,859
Miles of Federal airways <sup>3</sup> .....	32,100	70,253	178,924	137,191	139,989	141,856	(NA)
Total civil aircraft <sup>4</sup> .....	17,928	92,809	111,580	129,975	137,189	142,083	(NA)
Active aircraft.....	(NA)	60,921	78,760	87,267	90,935	97,743	(NA)
Aids to air navigation (Federal airways): <sup>3</sup>							
Radio range stations.....	292	749	1,030	927	930	915	(NA)
Nondirectional radio beacons.....	48	141	190	278	275	286	(NA)
Airport towers.....	-	172	153	210	212	226	238
Combined station/towers.....	-	-	75	68	67	66	66
Flight service stations.....	365	451	335	336	333	331	331
Instrument landing systems.....	1	96	191	237	247	257	(NA)
Active airman certificates held.....	(NA)	(NA)	549,119	594,622	658,595	719,137	(NA)
Pilot.....	(NA)	(NA)	348,062	378,700	431,041	479,770	(NA)
Airline transport.....	1,431	(NA)	18,279	20,269	21,572	22,440	(NA)
Commercial.....	18,791	(NA)	89,904	96,341	108,428	116,665	(NA)
Private.....	49,607	(NA)	138,869	152,209	175,574	196,393	(NA)
Student.....	110,938	44,591	99,182	105,298	120,743	139,172	(NA)
Nonpilot.....	(NA)	(NA)	169,598	186,304	195,396	204,463	(NA)
Mechanic.....	11,177	(NA)	115,688	124,945	130,131	135,351	(NA)
Ground instructor.....	1,948	(NA)	29,421	30,295	30,801	31,403	(NA)
Control tower operator.....	(NA)	(NA)	9,784	12,987	14,304	14,875	(NA)
Flight engineer.....	(NA)	(NA)	6,680	8,992	10,348	12,349	(NA)
Parachute rigger.....	444	(NA)	2,936	3,669	4,226	4,584	(NA)
Flight instructor <sup>5</sup> .....	(X)	(X)	31,459	29,618	32,158	34,904	(NA)
Hours flown (general aviation) <sup>6</sup> .....1,000..	3,200	9,650	13,121	15,106	15,738	16,733	(NA)
Business <sup>7</sup> .....1,000..	314	2,750	5,699	5,740	5,823	5,857	(NA)
Commercial <sup>8</sup> .....1,000..	387	1,500	2,365	3,172	3,305	3,348	(NA)
Instructional.....1,000..	1,529	3,000	1,828	2,417	2,675	3,346	(NA)
Personal.....1,000..	970	2,300	3,172	3,626	3,777	4,016	(NA)
Other.....1,000..	-	100	57	151	158	166	(NA)
Miles flown (general aviation) <sup>6</sup> .....millions..	264	1,062	1,769	2,049	2,181	2,562	(NA)
Business <sup>7</sup> .....millions..	26	340	881	983	1,047	1,204	(NA)
Commercial <sup>8</sup> .....millions..	32	181	299	369	393	461	(NA)
Instructional.....millions..	126	287	194	266	283	359	(NA)
Personal.....millions..	80	244	387	410	436	512	(NA)
Other.....millions..	-	11	8	20	22	26	(NA)
Fuel consumed (general aviation): <sup>6</sup>							
Gasoline.....1,000 gal..	22,400	131,200	242,417	249,878	261,728	291,490	(NA)
Jet fuel.....1,000 gal..	-	-	-	31,527	41,364	80,604	(NA)
Oil.....1,000 gal..	660	2,916	3,910	3,867	4,089	4,554	(NA)
Domestic air cargo, revenue ton-miles flown <sup>9</sup> .....1,000..	(NA)	239,288	723,670	1,095,179	1,287,863	1,661,430	1,944,369
Scheduled carriers.....1,000..	(NA)	210,643	476,499	714,570	893,775	1,111,965	1,301,476
Nonscheduled carriers <sup>10</sup> .....1,000..	(NA)	15,532	135,201	209,948	208,947	329,685	389,103
Supplemental carriers <sup>11</sup> .....1,000..	(NA)	13,113	111,970	170,661	185,141	219,780	253,790
Aircraft accidents.....	(NA)	4,595	4,883	4,767	5,148	<sup>12</sup> 5,332	(NA)
Air carrier <sup>13</sup> .....	(NA)	90	90	77	78	<sup>12</sup> 82	(NA)
Fatal.....	(NA)	11	17	13	13	<sup>12</sup> 9	(NA)
Fatalities.....	(NA)	205	499	264	238	<sup>12</sup> 261	(NA)
General aviation.....	3,471	4,505	4,793	4,690	5,070	<sup>12</sup> 5,250	(NA)
Fatal.....	232	499	429	482	504	<sup>12</sup> 516	(NA)
Fatalities.....	359	871	787	893	1,056	<sup>12</sup> 1,018	(NA)

- Represents zero. NA Not available. X Not applicable.

<sup>1</sup> Existing airports and airfields recorded with FAA. Includes military airports with joint civil and military use. Beginning 1960, includes Puerto Rico, American Samoa, Canton, Guam, Virgin Islands, and Wake.

<sup>2</sup> Airport type definitions: Public—public use and public services, public control; Private—(a) public use and public services, private control, and (b) no public services, private control, military control, or Federal Government control.

<sup>3</sup> United States and outlying areas. <sup>4</sup> Beginning 1950, includes gliders, and 1960, dirigibles and balloons.

<sup>5</sup> Regulation requiring certificates (not rating shown on pilot certificate) effective Sept. 1, 1957. <sup>6</sup> Prior to 1960, excludes Alaska and Hawaii. <sup>7</sup> Corporation and individual business transportation, not for hire.

<sup>8</sup> Passenger and cargo transportation for hire, aerial application (crop dusting, spraying, seeding, etc.), patrol, survey, and other miscellaneous work use. <sup>9</sup> Comprises express and freight ton-miles.

<sup>10</sup> Includes some military ton-miles and may include a small amount of international traffic. <sup>11</sup> Civil and military. <sup>12</sup> Preliminary. <sup>13</sup> Excludes commercial operators.

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Includes data from Civil Aeronautics Board.

No. 854. CIVIL AIRCRAFT, AIRPORTS, AND FEDERAL-AID AIRPORT PROGRAM—  
STATES AND OTHER AREAS: 1966

[As of December 31, except as noted]

STATE OR OTHER AREA	CIVIL AIRCRAFT <sup>1</sup>		AIRPORTS <sup>2</sup>			FEDERAL-AID AIRPORT PROGRAM <sup>3</sup> (\$1,000)		
	Total	Active	Total	Public	Private	Total	Federal funds	Sponsor funds
<b>Total</b> .....	<b>155,132</b>	<b>107,085</b>	<b>9,673</b>	<b>3,630</b>	<b>6,043</b>	<b>2,051,774</b>	<b>1,017,992</b>	<b>1,033,782</b>
Alabama.....	1,877	1,326	119	73	46	36,047	18,102	17,945
Alaska.....	2,900	1,821	551	402	149	40,273	26,611	13,662
Arizona.....	2,618	1,580	182	80	102	27,908	15,385	12,523
Arkansas.....	2,177	1,464	125	61	64	16,202	8,083	8,119
California.....	21,232	14,198	659	235	424	189,810	93,620	96,190
Colorado.....	2,400	1,705	172	62	110	32,789	17,004	15,785
Connecticut.....	1,241	869	78	11	67	17,629	8,770	8,859
Delaware.....	518	407	19	3	16	1,625	846	779
District of Columbia.....	855	617	3	3	—	—	—	—
Florida.....	6,576	4,167	268	106	162	90,826	44,199	46,627
Georgia.....	2,785	1,966	159	84	75	72,860	36,728	36,132
Hawaii.....	324	173	46	16	30	34,797	12,293	22,504
Idaho.....	1,384	980	163	110	53	7,909	4,450	3,459
Illinois.....	6,970	4,876	327	67	260	123,068	59,052	64,016
Indiana.....	3,903	2,799	147	47	100	38,169	18,648	19,521
Iowa.....	2,754	2,150	226	87	139	29,307	14,477	14,830
Kansas.....	3,690	2,575	267	109	158	14,158	6,881	7,277
Kentucky.....	1,090	762	63	44	19	37,869	18,906	18,963
Louisiana.....	2,588	1,747	219	59	160	45,089	21,793	23,296
Maine.....	680	486	139	43	96	7,994	3,975	4,019
Maryland.....	1,612	1,094	83	14	69	18,372	9,241	9,131
Massachusetts.....	2,073	1,418	117	31	86	42,573	20,872	21,701
Michigan.....	5,934	4,209	242	117	125	69,911	32,956	36,955
Minnesota.....	3,880	2,799	244	117	127	45,866	22,530	23,336
Mississippi.....	1,867	1,213	148	66	82	19,333	9,660	9,673
Missouri.....	3,831	2,734	263	75	188	57,648	28,079	29,569
Montana.....	1,789	1,289	188	109	79	14,427	7,617	6,810
Nebraska.....	2,049	1,439	270	82	188	22,057	10,819	11,238
Nevada.....	1,245	854	79	39	40	16,392	9,903	6,489
New Hampshire.....	453	288	44	15	29	4,994	2,490	2,504
New Jersey.....	3,345	2,321	135	15	120	30,037	14,747	15,290
New Mexico.....	1,606	1,136	116	53	63	11,211	6,268	4,943
New York.....	7,099	4,939	330	54	276	163,791	76,386	87,405
North Carolina.....	2,588	1,793	164	47	117	29,370	14,685	14,685
North Dakota.....	1,209	819	176	67	109	9,427	4,508	4,919
Ohio.....	6,582	4,533	383	63	320	75,399	36,991	38,408
Oklahoma.....	3,299	2,383	192	92	100	46,988	23,331	23,657
Oregon.....	3,067	2,229	175	78	97	21,590	11,346	10,244
Pennsylvania.....	4,772	3,325	441	61	380	111,782	54,848	56,934
Rhode Island.....	217	159	11	5	6	9,939	4,994	4,945
South Carolina.....	1,108	805	94	44	50	15,106	7,596	7,510
South Dakota.....	1,198	810	102	60	42	8,218	4,324	3,894
Tennessee.....	1,926	1,392	101	52	49	50,966	25,515	25,451
Texas.....	12,149	8,461	853	214	639	117,280	58,163	59,117
Utah.....	945	687	68	49	19	16,568	10,189	6,379
Vermont.....	272	206	38	13	25	3,268	1,622	1,646
Virginia.....	1,946	1,349	117	37	80	31,770	15,742	16,028
Washington.....	3,725	2,415	200	93	107	31,258	15,639	15,619
West Virginia.....	668	487	47	15	32	19,541	9,753	9,788
Wisconsin.....	2,786	1,919	208	92	116	39,027	19,031	19,996
Wyoming.....	779	567	87	42	45	5,609	3,189	2,420
Other areas <sup>4</sup> .....	551	345	25	17	8	27,727	15,135	12,592

— Represents zero.

<sup>1</sup> Includes gliders, dirigibles, and balloons.

<sup>2</sup> Includes military airports with joint civil and military use.

<sup>3</sup> Cumulative since enactment of Federal Airport Act, May 16, 1946, through Dec. 31, 1966.

<sup>4</sup> Comprises Puerto Rico, American Samoa, Canton, Guam, Virgin Islands, and Wake.

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*.



# No. 855. SCHEDULED PASSENGER/CARGO AIR CARRIERS—SUMMARY OF OPERATIONS: 1940 TO 1966

[As of Dec. 31 or for calendar years, except as noted. Operations between conterminous U.S. and Hawaii, Puerto Rico, and outlying areas included with international. Intra-Alaska included with domestic carriers and Mainland-Alaska with international, as follows: Number of operators and traffic data, beginning 1950; fuel and financial data, beginning 1955; and personnel data, beginning 1960. See also *Historical Statistics, Colonial Times to 1957*, series Q 352, Q 354-362, and Q 384-393]

ITEM	1940	1950	1955	1960	1964	1965	1966
Number of operators: <sup>1</sup>							
Domestic.....	19	48	40	39	36	40	40
International.....	3	6	7	10	8	9	9
Total personnel employed <sup>2</sup> .....	22,051	82,786	122,203	162,771	187,938	206,834	238,696
Domestic.....	15,984	61,903	95,548	133,717	153,243	169,952	196,298
International.....	6,067	20,883	26,655	29,054	34,695	36,882	42,398
Route miles in operation <sup>3</sup> .....	95,079	183,841	196,274	249,717	247,673	248,294	250,601
Domestic <sup>4</sup> .....	42,757	77,440	78,992	101,414	104,793	104,870	104,703
International <sup>4</sup> .....	52,322	106,401	117,282	148,303	142,880	143,424	145,898
Fixed wing aircraft in operation <sup>5</sup> .....	437	1,220	1,409	1,822	1,785	1,827	1,953
Fixed wing.....	437	1,209	1,390	1,797	1,765	1,806	1,932
Four-engine.....			679	1,141	1,064	994	982
Three-engine turbojet.....			(NA)	(NA)	88	168	277
Twin-engine.....			709	651	573	607	641
Single-engine.....	(NA)	(NA)	2	5	40	37	32
Turboprop.....			(NA)	(NA)	4	8	8
Piston.....			2	5	36	29	24
Average available seats: <sup>6</sup>							
Domestic.....	16.5	37.5	51.2	65.5	86.1	89.2	91.2
International.....	18.3	41.0	56.4	89.9	127.2	129.1	129.3
Average speed (miles per hours):							
Domestic.....	(NA)	180	208	235	297	314	320
International.....	(NA)	218	244	307	441	451	468
Fuel consumed:							
Gasoline.....1,000 gal.....	74,535	572,246	1,170,240	1,127,006	552,926	489,136	363,127
Domestic.....1,000 gal.....	65,675	418,442	911,748	922,480	506,916	448,022	331,869
International.....1,000 gal.....	8,860	153,804	258,492	204,526	46,010	41,114	31,258
Jet fuel, domestic.....1,000 gal.....	-	-	1,827	988,003	2,722,315	3,367,915	3,993,205
International.....1,000 gal.....	-	-	-	342,513	1,043,699	1,194,765	1,529,713
Oil.....1,000 gal.....	1,288	6,675	14,161	15,545	8,511	7,569	5,701
Domestic.....1,000 gal.....	1,104	5,007	11,418	12,688	7,810	6,943	5,153
International.....1,000 gal.....	184	1,668	2,743	2,857	701	626	548
Revenue-miles flown (all scheduled services).....1,000.....	119,753	464,452	762,777	983,390	1,171,950	1,335,878	1,464,169
Domestic.....1,000.....	110,101	369,826	627,336	820,756	957,575	1,088,112	1,178,453
International.....1,000.....	9,652	94,626	135,441	162,634	214,375	247,766	285,711
Revenue passengers carried.....1,000.....	7 2,965	19,019	41,709	62,256	88,520	102,920	118,061
Domestic.....1,000.....	7 2,523	17,345	38,221	56,352	79,139	92,073	105,789
International.....1,000.....	163	1,675	3,488	5,904	9,381	10,847	12,272
Revenue passenger-miles flown:							
Domestic.....millions.....	1,052	8,007	19,852	30,557	44,141	51,888	60,591
International.....millions.....	100	2,214	4,499	8,306	14,352	16,789	19,298
Average passenger-mile rate:							
Domestic.....	\$0.0507	\$0.0554	\$0.0536	\$0.0609	\$0.0612	\$0.0606	\$0.0583
International.....	.0883	.0728	.0666	.0635	.0545	.0528	.0516
Express and freight, ton-miles							
flown.....1,000.....	(NA)	212,811	326,344	578,518	1,138,644	1,540,452	1,830,300
Domestic <sup>8</sup> .....1,000.....	3,476	152,223	229,966	386,933	743,963	943,128	1,108,691
International.....1,000.....	(NA)	60,588	96,378	191,585	394,681	597,324	721,609
Mail, ton-miles flown:							
Domestic.....1,000.....	10,118	47,740	88,751	135,923	189,782	225,992	291,277
International.....1,000.....	(NA)	26,228	61,233	103,335	180,991	254,093	452,635
Accidents (revenue operations): <sup>9</sup>							
Domestic, total.....	29	36	41	62	46	53	(NA)
Fatal.....	3	4	8	10	6	6	(NA)
Fatalities.....	45	109	221	363	120	223	(NA)
Passenger-fatalities per 100 million passenger-miles flown <sup>11</sup> .....	3.0	1.2	0.8	0.9	0.1	0.4	(NA)
International, total.....	6	5	5	5	7	8	(NA)
Fatal.....	-	2	1	2	3	1	(NA)
Fatalities.....	-	56	4	15	106	30	(NA)
Passenger-fatalities per 100 million passenger-miles flown.....	-	2.1	(Z)	0.1	0.6	0.1	(NA)

- Represents zero. NA Not available. Z Less than 0.05. <sup>1</sup> Excludes all-cargo operators.

<sup>2</sup> For types of personnel, see table 858. <sup>3</sup> Not compiled for intra-Alaska.

<sup>4</sup> 1940, domestic is average for December, international as of Dec. 31; 1950-1966, based on fourth quarter.

<sup>5</sup> Represents aircraft of the certificated route air carriers; excludes those used for crew training and general utility purposes, held for disposal, beginning 1960, operated by the scheduled all-cargo carriers.

<sup>6</sup> Obtained by dividing passenger seat-miles by revenue-miles flown in passenger service.

<sup>7</sup> Data for domestic passengers include duplication.

<sup>8</sup> Excludes freight flown by certificated all-cargo operators and irregular carriers.

<sup>9</sup> Beginning 1960, includes military contract operations. 1965 data preliminary.

<sup>10</sup> Includes 2 midair collisions nonfatal to air carrier occupants; excluded in computation of fatal accidents.

<sup>11</sup> Excludes passenger deaths occurring in dynamite accidents, as follows: Nov. 1, 1955, 39; Jan. 6, 1960, 29; May 7, 1964, 1.

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Includes data from Civil Aeronautics Board.



**No. 856. SCHEDULED AIR CARRIERS—AVAILABLE SERVICE AND UTILIZATION, AND TRAFFIC CARRIED: 1950 TO 1966**

[In millions, except percent]

ITEM	1950	1955	1959	1960	1961	1962	1963	1964	1965	1966
<b>SERVICE AND UTILIZATION</b>										
Available ton-miles.....	2,426	5,289	8,337	9,384	10,580	12,326	13,931	16,303	19,662	23,505
Revenue ton-miles.....	1,358	3,088	4,734	5,024	5,394	6,238	6,860	8,016	9,895	12,441
Ton-mile load factor..... percent..	57.6	58.4	56.8	53.5	51.0	50.6	49.2	49.2	50.3	52.9
Available seat-miles.....	16,842	38,574	59,247	65,567	71,857	82,612	94,845	106,316	124,328	137,844
Revenue passenger-miles.....	10,243	24,351	36,372	38,863	39,831	43,760	50,362	58,494	68,677	79,889
Passenger load factor..... percent..	60.8	63.1	61.4	59.3	55.4	53.0	53.1	55.0	55.2	58.0
Revenue plane-miles.....	477	780	1,030	998	970	1,010	1,095	1,189	1,354	1,483
<b>TRAFFIC CARRIED (revenue ton-miles)</b>										
<b>Total.....</b>	<b>1,358</b>	<b>3,088</b>	<b>4,734</b>	<b>5,024</b>	<b>5,395</b>	<b>6,238</b>	<b>6,860</b>	<b>8,016</b>	<b>9,895</b>	<b>12,441</b>
Passenger <sup>1</sup> .....	1,001	2,368	3,490	3,733	3,827	4,210	4,839	5,630	6,629	7,736
U. S. mail:										
Priority.....										
Nonpriority.....	68	128	182	202	223	251	266	290	372	543
		15	19	39	76	89	90	81	111	208
Express.....	38	51	57	59	61	70	71	78	90	100
Freight.....	233	383	589	643	733	898	1,027	1,301	1,730	2,051
Charter flights.....	(NA)	106	346	296	424	668	514	582	909	1,755
Excess baggage <sup>2</sup> .....	18	37	52	53	50	52	53	52	53	49

NA Not available.

<sup>1</sup> Passenger-miles converted to ton-miles on basis that 10 passengers with allowable free baggage equal 1 ton.

<sup>2</sup> Includes foreign mail revenue ton-miles.

Source: Air Transport Association of America, Washington, D.C.; *Air Transport Facts and Figures*, and unpublished data.

**No. 857. SUPPLEMENTAL AIR CARRIERS—SUMMARY OF OPERATIONS: 1955 TO 1966**

[In thousands, except number of operators. Refers to carriers operating by authority of letters of registration granted by the Civil Aeronautics Board. Includes international operations; see headnote, table 855. Figures shown for military cover activities performed under charter or other contract with the Department of Defense]

ITEM	1955	1960	1962	1963	1964	1965	1966
Number of operators.....	50	30	25	15	15	13	13
Revenue passenger-miles.....	1,395,682	2,207,595	1,869,697	1,547,416	1,502,018	2,489,173	4,125,445
Commercial.....	716,096	671,094	816,384	411,753	535,748	1,069,335	1,553,529
Military.....	679,586	1,536,501	1,053,313	1,135,663	966,270	1,419,838	2,571,916
Revenue cargo ton-miles.....	74,601	120,400	214,677	218,736	267,726	297,601	425,092
Commercial.....	21,191	5,355	22,368	20,340	36,934	48,820	53,763
Military.....	53,410	115,045	192,309	198,396	230,792	248,781	371,329
Operating revenue.....	\$76,824	\$83,447	<sup>1</sup> \$107,013	\$92,697	\$105,802	\$140,981	\$209,278
Transport.....	66,923	79,711	103,114	<sup>2</sup> 92,262	<sup>2</sup> 105,063	139,525	<sup>2</sup> 205,172
Passenger.....	20,494	19,919	19,226	5,048	2,073	(NA)	(NA)
Freight.....	3,743	407	391	185	122	(NA)	(NA)
Contract and charter:							
Commercial.....	6,993	11,591	12,023	15,815	27,679	51,625	71,215
Military.....	35,133	47,527	70,829	70,005	73,005	87,161	132,609
Other.....	560	267	645	1,213	2,204	739	774
Other than transport.....	9,901	3,736	1,579	435	740	1,456	4,106
Operating expenses.....	\$73,067	\$85,295	\$99,787	\$87,539	\$88,989	\$116,906	\$172,420
Operating profit or loss.....	\$3,757	-\$1,849	\$7,226	\$5,158	\$16,813	\$24,075	\$36,859

NA Not available.

<sup>1</sup> Includes \$2,319,000 for which no distribution was reported.

<sup>2</sup> Total less than sum of details due to statistical discrepancies in reporting.

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Data from Civil Aeronautics Board.

# No. 858. SCHEDULED PASSENGER/CARGO AIR CARRIERS—PERSONNEL, PAYROLL, AND AVERAGE SALARY: 1964 AND 1965

[As of December 31 or for calendar years. See also headnote, table 855]

TYPE OF PERSONNEL	1964			1965		
	Num- ber <sup>1</sup>	Payroll (\$1,000)	Average salary	Number	Payroll (\$1,000)	Average salary
<b>Total domestic</b> .....	153,243	1,252,916	\$8,176	169,952	1,448,758	\$8,525
Pilots and copilots.....	12,898	243,282	18,862	14,469	288,602	19,946
Other flight personnel.....	3,455	47,390	13,716	3,911	52,674	13,468
Pursers, stewards, stewardesses.....	11,798	59,907	5,078	14,220	73,146	5,144
Communications personnel.....	2,081	13,043	6,268	2,001	12,902	6,448
Mechanics <sup>2</sup> .....	33,175	252,596	7,614	35,367	282,423	7,985
Aircraft and traffic servicing personnel.....	40,947	282,221	6,892	45,777	330,659	7,223
Office employees.....	31,182	208,442	6,685	34,561	239,305	6,924
All others.....	17,707	146,035	8,247	19,646	169,047	8,605
<b>Total international</b> .....	34,695	249,748	7,198	36,882	269,022	7,294
Pilots and copilots.....	1,741	37,395	21,479	1,924	41,863	21,758
Other flight personnel.....	682	11,671	17,113	781	13,363	17,110
Pursers, stewards, stewardesses.....	2,499	16,073	6,432	2,987	18,689	6,257
Communications personnel.....	1,096	4,582	4,181	1,104	4,742	4,295
Mechanics <sup>2</sup> .....	5,391	42,309	7,848	5,343	41,959	7,853
Aircraft and traffic servicing personnel.....	9,872	53,806	5,450	10,788	61,474	5,698
Office employees.....	8,501	49,614	5,836	9,026	53,427	5,919
All others.....	4,913	34,298	6,981	4,929	33,505	6,798

<sup>1</sup> Domestic includes certain personnel chargeable to international operations.<sup>2</sup> Includes other maintenance personnel.Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Data from Civil Aeronautics Board.

# No. 859. EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES—ANNUAL AVERAGES: 1948 TO 1966

ITEM	1948	1950	1955	1960	1963	1964	1965	1966
<b>EMPLOYMENT <sup>1</sup> (1,000)</b>								
<b>Total</b> .....	238	283	761	674	650	620	619	751
Aircraft.....	158	188	467	371	335	322	330	419
Aircraft engines and parts.....	49	57	168	171	211	197	188	210
Other aircraft parts and equipment <sup>2</sup> .....	31	38	127	132	104	100	101	122
<b>HOURS AND EARNINGS</b>								
Average weekly hours:								
Aircraft industries.....	41.2	41.4	41.4	40.6	41.3	40.5	41.2	42.9
Aircraft engines and parts industries.....	40.5	41.7	40.6	41.1	41.3	41.2	42.1	43.4
Average weekly earnings:								
Aircraft industries.....	\$60.36	\$67.15	\$89.84	\$110.03	\$121.50	\$123.35	\$130.15	\$143.54
Aircraft engines and parts industries.....	\$61.52	\$69.31	\$86.48	\$112.20	\$123.35	\$127.19	\$133.12	\$143.91
Average hourly earnings:								
Aircraft industries.....	\$1.46	\$1.62	\$2.17	\$2.71	\$2.94	\$3.05	\$3.16	\$3.34
Aircraft engines and parts industries.....	\$1.52	\$1.66	\$2.13	\$2.73	\$2.99	\$3.09	\$3.17	\$3.31

<sup>1</sup> Data for week ending nearest middle of month.<sup>2</sup> Includes aircraft propellers and parts.Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Data from Dept. of Labor, Bureau of Labor Statistics.

# No. 860. CIVIL AIRCRAFT SHIPMENTS: 1950 TO 1966

[Represents manufacturers' shipments of complete aircraft. Includes both domestic and export output]

ITEM	1950	1955	1960	1961	1962	1963	1964	1965	1966
<b>Total</b> .....	3,520	4,820	8,181	7,414	7,249	8,121	10,067	12,646	16,387
Transports.....	129	113	238	180	146	80	158	221	314
General aviation.....	3,391	4,563	7,726	6,943	6,797	7,628	9,459	12,053	15,728
Single-engine:									
1- to 3-place.....	(NA)	786	1,366	2,159	1,247	1,404	2,187	3,545	5,744
4-place and over.....	(NA)	2,969	5,072	3,821	4,518	4,913	5,625	6,478	7,420
Multiengine.....	(NA)	808	1,288	963	1,032	1,311	1,647	2,030	2,564
Rotorcraft.....	(NA)	144	217	291	306	413	450	372	345

NA Not available.

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Includes data from Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*.



# No. 861. SUMMARY OF AIRBORNE IMPORTS AND EXPORTS—SHIPPING WEIGHT, 1964 TO 1966, AND VALUE, 1966

[Weight in millions of pounds, value in millions of dollars, except as indicated. Includes trade of Puerto Rico with foreign countries. Exports include domestic and foreign merchandise; imports include merchandise for immediate consumption and entries into bonded warehouses]

ITEM	IMPORTS				EXPORTS			
	Weight		1966		Weight		1966	
	1964	1965	Weight	Value	1964	1965	Weight	Value
<b>Total</b> <sup>1</sup> .....	128.5	192.3	229.6	1,724.0	326.6	457.3	503.4	2,798.4
<b>CONTINENT</b>								
North America.....	31.0	33.1	38.8	170.7	92.8	127.3	135.3	427.0
South America.....	14.4	19.8	15.4	46.8	55.8	71.3	71.2	223.0
Europe.....	68.4	111.5	134.3	1,168.4	97.9	182.0	206.4	1,593.8
Asia.....	13.8	26.7	39.2	257.3	15.9	29.1	37.1	314.6
Australia and Oceania.....	0.3	0.4	0.7	8.6	2.9	5.0	5.8	58.6
Africa.....	0.7	0.8	1.2	27.4	4.1	7.4	8.0	50.0
<b>U.S. carriers</b> <sup>1</sup> .....	59.1	95.7	111.3	706.2	125.7	175.6	178.3	987.2
Percent of all carriers.....	46.0	50.0	48.5	41.0	38.5	38.4	35.4	35.3
North America.....	13.4	15.7	18.0	72.2	42.2	56.5	64.7	181.4
South America.....	3.9	6.4	5.6	23.9	11.4	19.2	19.5	74.5
Europe.....	32.1	55.6	61.1	448.5	34.9	63.8	66.7	515.0
Asia.....	9.4	17.6	25.8	153.3	8.9	15.1	17.2	130.6
Australia and Oceania.....	(Z)	(Z)	0.3	4.1	0.8	1.1	1.4	13.3
Africa.....	0.3	0.3	0.4	4.2	1.7	3.0	2.9	14.9
<b>CUSTOMS DISTRICT</b>								
New York.....	69.3	113.1	130.0	1,211.6	129.6	224.8	237.7	1,697.7
Florida.....	27.3	26.7	26.8	48.3	98.8	116.1	108.0	216.4
Tampa.....	(NA)	(NA)	0.1	1.1	(NA)	(NA)	1.2	1.0
Miami.....	(NA)	(NA)	26.7	47.3	(NA)	(NA)	106.7	215.4
Los Angeles.....	5.0	7.4	12.3	80.3	6.2	9.4	12.3	128.8
San Francisco.....	4.4	10.3	17.1	122.4	9.2	16.9	19.7	199.2
Chicago.....	4.3	10.0	11.3	116.8	16.3	26.8	29.4	167.0
Other <sup>2</sup> .....	18.2	24.8	32.1	144.6	66.6	63.4	96.3	389.3

NA Not available. Z Less than 50,000 pounds. <sup>1</sup> Value of imports includes estimates for shipments valued less than \$251 reported on formal and informal entries for July-December 1965. Prior to July 1965, estimated value of only informal entries is included. Exports include shipments of "special category" commodities and estimated shipments valued under \$100, which are excluded from the continent totals.

<sup>2</sup> Exports include shipments of "special category" commodities which are excluded from individual districts.

Source: Dept. of Commerce, Bureau of the Census; summary reports, Ft 986, *United States Airborne Foreign Trade*, Ft 380, *United States Airborne General Imports of Merchandise*, and Ft 780, *United States Airborne Exports of Domestic and Foreign Merchandise*.

## No. 862. AIRCRAFT—VALUE OF BACKLOG ORDERS, NET NEW ORDERS, AND NET SALES: 1951 TO 1965

[In millions of dollars. Reported by manufacturers of complete aircraft, aircraft engines, and propellers]

YEAR	Back-log, Jan. 1	Net new orders <sup>1</sup>	Net sales	Back-log, Dec. 31	YEAR AND ITEM	Back-log, Jan. 1	Net new orders <sup>1</sup>	Net sales	Back-log, Dec. 31
1951.....	5,039	11,100	3,473	12,666	1965				
1952.....	12,666	11,482	6,495	17,653					
1953.....	17,653	7,611	8,511	16,753					
1954.....	16,848	6,309	8,305	14,852					
1955.....	14,852	9,323	8,470	15,705					
1956.....	15,705	12,141	9,496	18,350	Aircraft and parts: <sup>2</sup>				
1957.....	18,350	7,947	11,766	14,531					
1958.....	14,531	10,110	11,470	13,171					
1959.....	13,171	10,204	11,255	12,120					
1960.....	12,120	11,373	10,997	15,452	U.S. military.....	4,290	3,528	3,393	4,425
1961.....	15,452	13,418	14,948	13,922		1,987	4,423	1,950	4,460
1962.....	14,147	14,962	15,972	13,137					
1963.....	12,647	17,637	16,407	13,904					
1964.....	13,904	17,970	16,686	15,188	Aircraft engines and parts:				
1965.....	15,188	22,183	17,016	20,385					
					U.S. military.....	992	1,792	1,132	1,647
						528	898	582	797
					Other.....				
					Missiles and parts:				
					U.S. military.....	4,257	6,074	5,326	4,305
						299	665	493	297
					Other products and services.....				
						2,835	4,803	4,140	4,454

<sup>1</sup> New orders received during year less terminations during year.

<sup>2</sup> Includes propellers and propeller parts.

Source: Dept. of Transportation, Federal Aviation Administration; *FAA Statistical Handbook of Aviation*. Data from Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*.



### No. 863. EXPORTS OF AIRCRAFT AND AIRCRAFT PARTS AND ACCESSORIES: 1960, 1965, AND 1966

[Value in thousands of dollars. See *Historical Statistics, Colonial Times to 1957*, series Q 349-350, for number and value of aircraft exported]

ITEM	1960		1965		1966	
	Number of units	Value	Number of units	Value	Number of units	Value
<b>Aircraft, parts, and accessories</b> .....	(X)	1,329,494	(X)	1,802,098	(X)	1,393,479
Commercial and civilian aircraft.....	2,336	537,133	3,129	482,236	3,611	553,905
Cargo transports, new.....	-	-	4	14,840	10	14,176
Passenger transports, new.....	(NA)	(NA)	61	262,196	64	339,027
Passenger/cargo combinations, new.....	(NA)	(NA)	12	75,885	10	68,434
Aircraft, personal and utility type:						
Single engine, new.....	1,527	23,585	2,031	30,648	2,386	35,143
Multiple engine, new.....			426	43,186	600	54,122
Rotary wing, new.....	82	7,703	177	16,213	166	13,029
Aircraft, used, rebuilt, modified, or converted <sup>1</sup> .....	565	25,697	406	38,847	361	29,772
Aircraft, new, not elsewhere classified.....	3	22	12	421	14	202
Internal combustion aircraft engines, new.....	1,464	3,715	1,683	7,154	2,027	15,667
Aircraft engines, used.....	1,558	10,392	1,273	10,200	1,373	11,896
Aircraft components, parts, and accessories <sup>2</sup> .....	(X)	778,254	(X)	1,302,508	(X)	812,011

- Represents zero. NA Not available. X Not applicable.

<sup>1</sup> Includes aircraft changed from military to nonmilitary type.

<sup>2</sup> Includes military aircraft and parts, and new and used jet and gas turbines for aircraft.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M37G.

### No. 864. UNITED STATES RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANSPORTATION: 1947 TO 1966

[In millions of dollars. Data are international transportation transactions recorded for balance of payments purposes (see table 1208). Receipts include freight on exports carried by U.S. operated carriers and foreign carrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. carrier port expenditures abroad. Freight on exports carried by foreign carriers is excluded since such payments are directly or indirectly for foreign account. Similarly, freight on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (-) denotes decrease. See *Historical Statistics, Colonial Times to 1957*, series U 170 and U 177, for totals]

ITEM	1947	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>Total receipts</b> .....	1,738	1,033	1,406	1,752	1,964	2,115	2,324	2,415	2,585
Ocean transportation.....	1,593	859	1,137	1,337	1,468	1,581	1,732	1,745	1,862
Export freight earnings.....	1,154	380	448	428	479	538	599	524	538
Freight earnings on shipments between foreign countries.....	100	110	106	136	177	154	158	155	151
Passenger fares.....	39	20	23	19	10	10	10	9	9
Port expenditures.....	281	313	548	746	792	870	956	1,048	1,154
Charter hire.....	19	36	12	8	10	9	9	9	10
Air transportation.....	85	108	183	328	407	435	484	560	607
Export freight earnings.....	12	17	33	55	51	53	63	92	106
Passenger fares.....	63	68	97	126	181	195	231	259	292
Port expenditures.....	10	23	53	147	175	187	190	209	209
Other transportation.....	60	66	86	87	89	99	108	110	116
<b>Total payments</b> .....	583	818	1,204	1,915	2,128	2,316	2,462	2,691	2,903
Ocean transportation.....	456	643	946	1,333	1,517	1,636	1,717	1,822	1,936
Import freight payments.....	141	295	480	780	833	888	945	1,099	1,187
Passenger fares.....	47	121	138	212	229	225	215	210	206
Port expenditures.....	231	138	153	167	260	288	317	278	292
Charter hire.....	37	89	175	174	195	235	240	235	251
Air transportation.....	70	106	183	504	536	594	651	773	872
Import freight earnings.....	1	2	7	22	26	26	26	38	49
Passenger fares.....	9	26	68	301	341	390	430	510	571
Port expenditures.....	60	78	108	181	169	178	195	225	252
Other transportation.....	57	69	75	78	75	86	94	96	95
<b>Receipts balance</b> .....	1,155	215	202	-163	-164	-201	-138	-276	-318

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, June 1966 and March 1967, and unpublished data.

# No. 865. WATERBORNE COMMERCE, FOREIGN AND DOMESTIC—CARGO TONNAGE: 1940 TO 1965

[In millions of short tons. Includes Puerto Rico and outlying areas. Import and export figures differ slightly from those shown in tables 866 and 867, due to minor differences in basic concepts which are explained in the source. See also *Historical Statistics, Colonial Times to 1957*, series Q 216-229]

CLASS	1940	1945	1950	1955	1960	1963	1964	1965
Net total.....	608	619	821	1,016	1,100	1,174	1,238	1,273
Foreign commerce.....	111	172	169	271	339	386	422	444
Imports, through seaports.....	41	45	96	144	198	209	224	245
Exports, through seaports.....	50	100	44	95	105	130	143	142
Imports, Great Lakes ports.....	4	7	6	9	13	18	24	25
Exports, Great Lakes ports.....	17	21	24	23	23	29	30	32
Domestic commerce <sup>1</sup> .....	497	447	651	745	761	788	816	829
Coastwise, between ports.....	157	91	183	196	209	214	206	202
Great Lakes, between ports.....	141	158	170	185	155	142	151	154
Local traffic of seaports, Great Lakes ports, and inland waterways ports.....	98	98	107	113	104	99	100	103
Traffic between ports and river ports <sup>2</sup> .....	70	87	191	250	291	332	358	370
Traffic between ports of outlying areas of the United States.....	(3)	(3)	1	2	1	2	2	1

<sup>1</sup> For 1940 and 1945, approximate net total, excluding duplications in domestic traffic.

<sup>2</sup> Represents traffic among ports and communities mainly utilizing inland waterways.

<sup>3</sup> Included in other types of domestic traffic.

Source: Dept. of the Army, Corps of Engineers; figures through 1950, *Annual Report of Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

# No. 866. WATERBORNE IMPORTS AND EXPORTS—CARGO, TONNAGE BY FLAG OF CARRIER VESSEL: 1950 TO 1966

[In thousands of short tons. Excludes U.S. Army and Navy cargo; includes Puerto Rico. Beginning July 1950, excludes commodities classified for security reasons as "Special Category." For 1955, 1960, and 1962, exports exclude shipments individually valued under \$500. For 1963 through 1965, exports exclude shipments to Canada individually valued under \$2,000 and to other countries under \$500. Beginning 1966, exports exclude shipments valued under \$100. Beginning 1955, imports exclude shipments under 2,000 pounds shipping weight regardless of value, as well as shipments valued at less than \$100 regardless of shipping weight. For January 1960 through June 1965, imports exclude only those shipments under \$100. Beginning July 1965, imports exclude shipments valued under \$251. For further coverage details, see report FT 985, *Waterborne Foreign Trade Statistics*, published monthly by Bureau of the Census. See also *Historical Statistics, Colonial Times to 1957*, series Q 210-215]

YEAR	Total trade	Percent by U.S. flag	IMPORTS BY FLAG OF CARRIER VESSEL				EXPORTS BY FLAG OF CARRIER VESSEL			
			Total	U.S.	Foreign	Percent U.S.	Total	U.S.	Foreign	Percent U.S.
TOTAL										
1950.....	159,389	39.3	96,703	42,268	54,435	43.7	62,685	20,379	42,306	32.5
1955.....	253,919	23.5	141,123	37,409	103,715	26.5	112,796	22,144	90,652	19.6
1960.....	322,717	12.3	198,830	19,627	179,203	9.9	123,887	20,133	103,754	16.3
1962.....	344,631	11.0	210,631	18,373	192,257	8.7	134,001	19,535	114,466	14.6
1963.....	368,664	9.9	212,542	15,682	196,860	7.4	156,122	20,885	135,237	13.4
1964.....	405,205	9.9	233,774	16,278	217,496	7.0	171,431	23,937	147,494	14.0
1965.....	427,407	8.1	255,596	15,573	240,023	6.1	171,811	19,048	152,762	11.1
1966.....	450,631	7.3	264,539	15,844	248,695	6.0	186,092	17,453	168,639	9.4
DRY CARGO										
1950.....	100,189	31.2	46,611	14,823	31,788	31.8	53,578	16,429	37,149	30.7
1955.....	169,231	23.2	68,437	19,855	48,582	29.0	100,794	19,762	81,032	19.6
1960.....	202,497	15.2	94,931	13,813	81,118	14.6	107,566	16,980	90,586	15.8
1962.....	218,173	13.4	98,458	12,355	86,103	12.5	119,715	16,888	102,827	14.1
1963.....	239,486	12.0	98,623	10,998	87,625	11.1	140,862	17,750	123,112	12.6
1964.....	266,816	12.0	113,371	11,967	101,404	10.6	153,445	20,083	133,362	13.1
1965.....	273,928	9.3	123,318	10,369	112,949	8.4	150,610	15,223	135,387	10.0
1966.....	296,287	8.1	129,450	10,335	119,115	8.0	166,837	13,626	153,210	8.2
TANKER CARGO										
1950.....	59,199	53.0	50,092	27,445	22,647	54.8	9,107	3,950	5,157	43.4
1955.....	84,688	23.5	72,686	17,554	55,133	24.2	12,002	2,382	9,620	19.8
1960.....	120,219	7.5	103,898	5,814	98,084	5.6	16,321	3,153	13,168	19.3
1962.....	126,458	6.9	112,172	6,018	106,154	5.4	14,286	2,647	11,639	18.5
1963.....	129,178	6.0	113,918	4,684	109,234	4.1	15,260	3,135	12,125	20.5
1964.....	138,390	5.9	120,403	4,311	116,092	3.6	17,987	3,854	14,133	21.4
1965.....	153,478	5.9	132,278	5,204	127,074	3.9	21,200	3,825	17,375	18.0
1966.....	154,343	6.0	135,089	5,509	129,580	4.1	19,254	3,826	15,428	19.9

Source: Dept. of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, releases and unpublished data.



# No. 867. WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY COASTAL DISTRICT: 1945 TO 1966

[In thousands of short tons. See headnote, table 866]

DISTRICT	1945	1950	1955	1960	1962	1963	1964	1965	1966
<b>IMPORTS</b>									
Atlantic ports.....	30,748	76,062	105,990	135,313	139,579	140,155	149,367	163,871	173,072
Gulf ports.....	5,675	10,930	17,345	27,304	30,019	30,180	32,255	36,773	39,183
Pacific ports.....	3,003	4,095	9,038	23,281	25,410	24,272	28,001	29,995	26,905
Great Lakes ports.....	(NA)	5,616	8,751	12,932	15,622	17,936	24,151	24,957	25,378
<b>EXPORTS</b>									
Atlantic ports.....	39,609	15,228	54,906	44,902	46,983	56,788	57,464	54,943	56,774
Gulf ports.....	14,737	16,818	22,500	36,730	43,605	47,651	58,529	58,717	67,109
Pacific ports.....	7,258	7,270	13,394	19,351	18,248	23,581	25,043	26,445	30,460
Great Lakes ports.....	(NA)	23,370	21,996	22,905	25,165	28,103	30,395	31,705	31,749

NA Not available.

Source: Dept. of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, re-releases, and unpublished data.

# No. 868. WATERBORNE IMPORTS AND EXPORTS—VALUE OF TRADE, BY COASTAL DISTRICT: 1964 TO 1966

[In millions of dollars. Includes trade of Puerto Rico with foreign countries]

DISTRICT AND TYPE OF VESSEL	TOTAL TRADE			IMPORTS			EXPORTS		
	1964	1965	1966	1964	1965	1966	1964	1965	1966
<b>Total</b> .....	30,530	31,868	35,831	13,441	14,941	17,300	17,089	16,927	18,531
Atlantic.....	17,598	18,132	20,552	8,953	9,743	11,339	8,645	8,389	9,213
Dry cargo.....	16,170	16,570	18,827	7,600	8,266	9,762	8,570	8,304	9,065
Tanker.....	1,428	1,562	1,723	1,353	1,477	1,576	75	85	147
Gulf.....	6,788	6,739	7,633	1,612	1,761	2,089	5,176	4,978	5,544
Dry cargo.....	5,843	5,584	6,721	1,522	1,657	1,952	4,321	3,927	4,769
Tanker.....	945	1,156	912	90	105	137	855	1,051	775
Pacific.....	4,208	4,789	5,351	2,076	2,410	2,774	2,132	2,379	2,577
Dry cargo.....	3,819	4,353	4,954	1,791	2,097	2,504	2,028	2,256	2,450
Tanker.....	388	436	397	285	313	270	103	123	127
Great Lakes.....	1,935	2,209	2,295	799	1,028	1,098	1,136	1,181	1,197
Dry cargo.....	1,855	2,141	2,226	788	1,013	1,085	1,067	1,128	1,141
Tanker.....	80	68	69	11	15	13	69	53	56

Source: Dept. of Commerce, Bureau of the Census; annual review, *United States Waterborne Foreign Commerce*.

# No. 869. FREIGHT CARRIED ON INLAND WATERWAYS, BY SYSTEM: 1940 TO 1965

[In millions of ton-miles. Excludes Alaska and Hawaii, except as noted]

SYSTEM	1940	1945	1950	1955	1960	1965
<b>Total</b> .....	118,057	142,737	163,344	216,508	220,253	262,421
Atlantic coast rivers.....	1,859	1,036	6,497	27,042	28,583	27,781
Gulf coast rivers.....	593	345	1,229	13,860	16,932	21,808
Pacific coast rivers.....	1,229	1,555	1,686	4,736	6,001	6,630
Mississippi River System <sup>1</sup> .....	13,934	19,595	33,598	52,019	69,257	96,593
Other waterways <sup>2</sup> .....	10	9	8	5	12	(X)
Canals and connecting channels <sup>3</sup> .....	4,787	7,168	8,639	(X)	(X)	(X)
Great Lakes System.....	95,645	113,028	111,687	118,845	99,468	109,609

X Not applicable.

<sup>1</sup> Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers.

<sup>2</sup> Beginning 1960, includes Alaskan waterways; beginning 1965, distributed by waterway system.

<sup>3</sup> Except Great Lakes. Beginning 1955, distributed by inland waterway system.

Source: Dept. of the Army, Corps of Engineers; through 1950, *Annual Report of the Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.



**NO. 870. WATERBORNE IMPORTS AND EXPORTS—SHIPPING WEIGHT OF PRINCIPAL COMMODITIES IN OCEANBORNE TRADE: 1963 AND 1964**

[In thousands of short tons. Includes trade of Puerto Rico with foreign countries. Import data exclude shipments of under \$100 in value; export data exclude shipments of under \$500 in value. "N.e.c." means not elsewhere classified]

COMMODITY	1963	1964	COMMODITY	1963	1964
<b>IMPORTS</b>			<b>EXPORTS</b>		
Crude petroleum.....	56,234	59,112	Bituminous coal and lignite.....	33,505	34,074
Residual fuel oil, gas oil, and distillate fuel oil.....	44,988	48,395	Wheat.....	17,903	21,785
Iron ore and concentrates.....	24,140	29,522	Corn.....	8,849	9,844
Aluminum ores, concentrates, and scrap.....	11,909	13,665	Iron and steel scrap.....	5,280	6,046
Gypsum and plaster rock.....	5,441	6,231	Phosphate rock.....	4,264	5,314
Iron and steel mill products.....	4,551	5,176	Soybeans.....	4,082	4,730
Petroleum products, n.e.c.....	5,457	4,688	Residual fuel oil, gas oil, and distillate fuel oil.....	5,061	4,137
Sugar.....	4,476	3,602	Logs.....	2,547	3,242
Jet fuels.....	2,482	2,825	Grain sorghums.....	3,083	2,762
Manganese.....	2,222	2,248	Lubricating oils and greases.....	2,643	2,601
Bananas, fresh.....	1,846	1,892	Coke, including petroleum coke..	1,991	2,424
Standard newsprint paper.....	1,566	1,838	Iron ore and concentrates.....	1,945	2,376
Pulpwood.....	1,801	1,711	Animal feeds, n.e.c.....	1,880	2,139
Lumber and shingles.....	1,779	1,705	Iron and steel mill products.....	1,805	2,054
Coffee, raw or green.....	1,590	1,527	Sulphur.....	1,735	2,053
Molasses, inedible.....	1,475	1,472	Wheat flour and semolina.....	2,089	1,940
Chrome.....	1,350	1,333	Industrial chemicals, n.e.c.....	1,341	1,742
Petroleum asphalt.....	1,108	1,093	Woodpulp.....	1,380	1,523
Salt.....	844	1,082	Rice.....	1,284	1,438
Sulphur.....	921	952	Cotton, unmanufactured.....	1,133	1,345
Nonmetallic minerals and manufactures, n.e.c.....	843	950	Coal-tar and chemical products, n.e.c.....	691	1,191
Crushed limestone.....	713	945	Anthracite coal.....	2,688	1,102
Gasoline and other motor fuel.....	685	861	Barley and rye.....	887	1,029
Woodpulp.....	633	809	Lumber and shingles.....	956	1,001
Nitrogenous fertilizers.....	704	792	Paperboard, except building board.....	657	967

Source: Dept. of Commerce, Bureau of the Census; annual review, *United States Waterborne Foreign Commerce*.

**NO. 871. FREIGHT CARRIED ON GREAT LAKES SYSTEM: 1965**

[In millions of ton-miles]

AREA	Total	DOMESTIC				FOREIGN	
		Lakewise	Coastwise	Internal	Local and intraport	Canadian	Overseas
<b>Total.....</b>	<b>109,609</b>	<b>75,927</b>	<b>74</b>	<b>667</b>	<b>59</b>	<b>23,489</b>	<b>9,393</b>
Lake Superior.....	26,671	22,822	—	(Z)	1	2,785	1,063
St. Marys River.....	4,959	4,246	—	(Z)	(Z)	538	174
Lake Michigan, including Port of Chicago <sup>1</sup> .....	18,944	14,420	(Z)	567	32	2,891	1,034
Lake Huron.....	24,413	18,692	(Z)	4	5	4,282	1,429
St. Clair River, including channels in Lake St. Clair.....	6,019	4,646	(Z)	1	(Z)	1,021	351
Detroit River.....	3,462	2,620	3	2	1	608	229
Lake Erie, including upper Niagara River.....	16,189	8,399	36	41	19	5,552	2,142
Welland Canal.....	1,056	10	5	7	—	767	268
Lake Ontario, including lower Niagara River.....	4,979	58	25	41	1	3,267	1,588
St. Lawrence River, between International Boundary Line and Lake Ontario.....	2,916	14	6	4	—	1,777	1,114

— Represents zero. Z Less than 500,000 ton-miles.

<sup>1</sup>Comprises Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet, Calumet Harbor and River.

Source: Dept. of the Army, Corps of Engineers; *Waterborne Commerce of the United States*.

## No. 872. COMMERCE OF SELECTED UNITED STATES PORTS: 1965

[In thousands of short tons (cargo). Excludes Great Lakes. In addition to commerce shown here, many ports have (a) commerce with ports on internal rivers and canals; (b) purely local port traffic]

PORT	In-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
<b>Total</b> <sup>1</sup>	244,874	142,121	201,508	201,508					
ATLANTIC COAST PORTS					GULF COAST PORTS				
Portland Harbor, Maine	14,664	42	3,052	578	Charlotte Harbor, Fla.	92	638	59	895
Portsmouth Harbor, N.H.	705	(Z)	946	3	Tampa Harbor, Fla.	1,656	6,482	7,731	2,683
Salem Harbor, Mass.	367	—	1,043	7	Port St. Joe Harbor, Fla.	58	65	114	—
Boston, Mass.	6,319	598	11,098	642	Mobile Harbor, Ala.	8,659	1,781	370	2,972
Fall River Harbor, Mass.	429	(Z)	2,968	148	New Orleans, La.	4,786	18,625	1,421	19,963
Providence River and Harbor, R.I.	1,135	126	6,728	855	Baton Rouge, La.	6,454	4,276	509	5,779
New London Harbor, Conn.	476	2	334	154	Lake Charles, La. <sup>2</sup>	184	938	79	3,613
New Haven Harbor, Conn.	2,607	170	5,757	1,165	Galveston, Tex.	164	3,174	197	57
Bridgeport Harbor, Conn.	436	58	1,532	426	Texas City, Tex.	62	304	573	6,479
Norwalk Harbor, Conn.	—	—	1,232	(Z)	Houston, Tex.	4,108	9,711	1,860	20,155
Stamford Harbor, Conn.	—	—	789	55	Corpus Christi, Tex.	2,914	2,320	243	10,499
Port of New York, N.Y., and N.J.	47,528	6,802	32,839	16,397	Harbor Island, Tex.	2,034	6	—	3,324
Hempstead Harbor, N.Y.	—	—	1,668	1,823	Freeport Harbor, Tex.	52	676	34	1,474
Port Jefferson Harbor, N.Y.	176	—	1,798	3	Brazos Island Harbor, Tex.	1,864	430	37	1,700
Port of Albany, N.Y.	1,141	315	2,955	3	Beaumont, Tex.	43	3,858	1,387	15,726
Delaware River and tributaries	50,839	3,343	25,209	6,807	Port Arthur, Tex.	151	2,732	5,385	13,255
Baltimore Harbor and Channels, Md.	19,720	5,888	5,316	1,621	PACIFIC COAST PORTS				
Norfolk Harbor, Va.	3,298	24,864	2,241	3,876	San Diego Harbor, Calif.	420	518	554	17
Port of Newport News, Va.	1,009	10,208	—	1,241	Long Beach Harbor, Calif.	4,482	4,665	1,246	2,014
Port of Wilmington, N.C.	755	195	2,190	158	Los Angeles Harbor, Calif.	7,603	2,447	4,440	5,921
Charleston Harbor, S.C.	1,404	536	2,344	29	San Francisco Bay Area, Calif.	7,035	5,875	12,088	8,130
Savannah Harbor, Ga.	2,078	688	1,441	100	Stockton, Calif.	226	1,591	169	54
Jacksonville Harbor, Fla.	3,577	343	3,423	347	Coos Bay, Oreg.	71	661	306	562
Port Everglades Harbor, Fla.	1,601	131	4,700	328	Portland, Oreg.	977	3,617	5,594	303
Miami Harbor, Fla.	442	261	212	129	Vancouver, Wash.	86	660	222	18
San Juan Harbor, P.R.	2,807	70	2,091	1,126	Longvic, Wash.	154	1,546	531	154
					Tacoma Harbor, Wash.	1,376	1,377	147	103
					Seattle Harbor, Wash.	1,305	1,246	3,129	923
					Bellingham Bay and Harbor, Wash.	425	147	19	229
					Anchorage, Alaska	130	(Z)	884	65
					Honolulu Harbor, Hawaii	629	133	2,682	2,033

— Represents zero. Z Less than 500 tons.

<sup>1</sup> Includes data for ports not shown separately.

<sup>2</sup> Includes Calcasieu River and Pass.

Source: Dept. of the Army, Corps of Engineers; *Waterborne Commerce of the United States*.

## No. 873. FEDERAL EXPENDITURES FOR CIVIL FUNCTIONS OF THE CORPS OF ENGINEERS, U.S. ARMY: 1940 TO 1966

[In thousands of dollars. For years ending June 30. Includes Puerto Rico and outlying areas. Represents funds actually expended under the direction of the Chief of Engineers for maintenance and improvement of rivers and harbors, flood control, and other miscellaneous works]

YEAR	Amount	YEAR	Amount	YEAR	Amount	YEAR	Amount
1940	213,889	1947	269,380	1954	539,687	1961	938,032
1941	220,734	1948	380,615	1955	511,587	1962	964,964
1942	198,041	1949	572,830	1956	556,724	1963	1,092,579
1943	222,053	1950	634,634	1957	666,433		
1944	175,589	1951	620,581	1958	718,532	1964	1,096,564
1945	134,216	1952	597,102	1959	806,427	1965	1,210,765
1946	168,957	1953	635,512	1960	868,573	1966	1,291,223

Source: Dept. of the Army, Corps of Engineers; annual report, *Statement of Costs*.



**No. 874. COMMERCE OF SELECTED GREAT LAKES PORTS: 1950 TO 1965**  
 [In thousands of short tons (cargo). Comprises foreign, lakewise, and coastwise shipping]

PORT	RECEIPTS				SHIPMENTS			
	1950	1955	1960	1965	1950	1955	1960	1965
<b>Total</b> .....	175,637	193,591	168,043	183,723	193,511	207,588	178,287	190,506
Ashtabula Harbor, Ohio.....	10,447	9,455	7,773	6,854	3,302	3,586	2,450	4,246
Buffalo, N.Y., Port of.....	16,458	19,318	15,595	16,342	2,417	2,436	1,226	1,012
Chicago, Ill., Port of.....	15,813	16,872	12,303	16,411	4,093	6,349	8,411	11,927
Cleveland Harbor, Ohio.....	17,375	19,744	17,113	20,981	382	358	511	832
Conneaut Harbor, Ohio.....	9,562	14,139	6,570	5,321	2,522	994	588	3,486
Detroit, Mich., Port of.....	21,090	24,295	25,334	30,980	1,298	1,626	1,892	1,020
Duluth-Superior, Minn. and Wis.....	10,117	7,142	5,155	5,093	53,009	61,156	37,512	41,083
Indiana Harbor, Ind.....	10,355	13,695	12,116	13,092	5,182	6,386	7,059	4,372
Lorain Harbor, Ohio.....	8,153	5,563	5,036	4,331	3,264	2,258	1,659	1,860
Milwaukee Harbor, Wis.....	7,357	7,157	6,861	4,354	1,421	1,532	1,647	2,032
Sandusky Harbor, Ohio.....	1	1	38	44	9,822	7,961	5,616	2,056
Toledo Harbor, Ohio.....	4,640	6,504	5,870	7,395	29,307	28,710	27,815	37,279
All other.....	44,269	49,706	48,279	52,525	77,492	84,236	81,901	79,301

**No. 875. FREIGHT CARRIED ON MISSISSIPPI RIVER SYSTEM: 1940 TO 1965**

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

YEAR	TRAFFIC IN SHORT TONS (1,000)					TRAFFIC IN TON-MILES (millions)				
	Total	Inland	Coast-wise	Foreign		Total	Inland	Coast-wise	Foreign	
				Imports	Exports				Imports	Exports
1940.....	88,980	73,174	9,001	3,157	3,649	13,934	11,578	1,523	385	447
1945.....	95,543	82,081	4,954	3,114	5,394	19,595	17,738	849	340	668
1950.....	138,145	114,697	13,877	4,395	5,176	33,598	30,282	2,074	599	643
1955.....	194,363	163,760	16,060	6,296	8,248	52,019	47,418	2,473	1,046	1,082
1960.....	233,959	188,098	21,994	11,284	12,584	69,257	62,367	3,184	1,821	1,884
1961.....	240,220	190,968	23,900	10,838	14,514	72,326	64,840	3,453	1,844	2,188
1962.....	257,962	200,041	26,960	12,632	18,329	79,305	70,999	3,303	2,223	2,780
1963.....	271,320	211,540	28,370	11,082	20,327	82,315	73,520	3,843	1,928	3,024
1964.....	289,493	226,475	27,696	11,125	24,196	89,348	80,087	3,683	1,976	3,601
1965.....	301,780	237,631	28,395	13,031	22,724	96,593	87,407	3,592	2,333	3,261

Source of tables 874 and 875: Dept. of the Army, Corps of Engineers; through 1950, *Annual Report of the Chief of Engineers*, Part 2; thereafter, *Waterborne Commerce of the United States*.

**No. 876. COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL, 1940 TO 1966, AND BY NATIONALITY OF VESSEL, 1966**

[For years ending June 30. Comprises oceangoing tolls-paying vessels and foreign naval vessels of 300 net tons and over (Panama Canal measurement) for vessels rated on net tonnage, or 500 tons displacement and over for vessels rated on displacement tonnage. See also *Historical Statistics, Colonial Times to 1967*, series Q 235-237]

YEAR	Num-ber of transits	Net ton-nage <sup>1</sup> (1,000)	Tolls (\$1,000)	Tons of cargo (1,000 long tons)	NATIONALITY OF VESSEL, 1966	Num-ber of transits	Net ton-nage <sup>1</sup> (1,000)	Tolls (\$1,000)	Tons of cargo (1,000 long tons)
1940.....	5,370	24,144	21,145	27,299	Germany.....	1,223	5,840	5,053	3,913
1945.....	1,939	8,381	7,244	8,604	Great Britain <sup>2</sup> .....	1,308	9,484	8,351	9,367
1950.....	5,448	28,013	24,430	28,872	Greece.....	473	3,537	3,125	4,712
1955.....	7,997	38,568	33,849	40,646	Japan.....	806	5,241	4,604	5,730
1960.....	10,795	58,302	50,939	59,258	Liberia.....	1,242	11,227	9,751	16,145
1961.....	10,866	61,826	54,128	63,670	Netherlands.....	587	2,626	2,302	2,635
1962.....	11,149	65,379	57,290	67,525	Norway.....	1,499	11,858	10,387	14,157
1963.....	11,017	64,438	56,368	62,247	Panama.....	533	2,659	2,200	2,564
1964.....	11,808	69,633	61,098	70,550	Sweden.....	398	2,613	2,317	2,437
1965.....	11,834	74,735	65,443	76,573	United States.....	1,555	11,930	10,373	9,351
1966.....	11,926	78,918	69,100	81,713	All other.....	2,302	11,903	10,547	10,702

<sup>1</sup> Panama Canal net. <sup>2</sup> Includes Canadian.

Source: Panama Canal Company; *Annual Report*.



No. 877. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CUSTOMS DISTRICTS: 1955 TO 1965

[In thousands of net tons. Excludes domestic trade]

CUSTOMS DISTRICT	1955	1959	1960	1961	1962	1963	1964	1965
ENTERED								
North Atlantic Coast.....	71,159	76,304	75,829	75,032	80,068	83,564	85,178	88,586
With cargo.....	57,844	68,870	66,589	64,879	69,143	70,101	72,875	76,541
South Atlantic Coast.....	6,000	8,586	8,827	8,307	9,060	9,953	11,224	10,862
With cargo.....	5,292	7,845	7,808	7,303	8,099	8,465	9,038	8,709
Gulf Coast.....	17,434	22,532	27,022	30,237	32,224	32,459	36,674	37,564
With cargo.....	11,795	15,822	15,616	15,661	16,886	16,399	17,340	18,485
South Pacific Coast.....	9,582	15,277	17,148	18,200	18,654	17,736	19,206	21,546
With cargo.....	7,547	13,477	15,007	15,332	16,675	15,369	16,500	17,747
North Pacific Coast.....	6,385	9,154	10,133	9,851	9,861	11,570	11,692	12,968
With cargo.....	4,395	7,089	7,551	6,981	7,152	7,729	7,742	7,895
Great Lakes.....	14,597	16,369	16,937	17,593	19,728	21,577	24,705	25,276
With cargo.....	4,631	8,133	7,771	7,826	9,761	10,748	13,948	14,484
Alaska, Hawaii, Puerto Rico, and V.I.....	3,247	5,992	6,869	7,326	8,739	9,842	10,650	12,198
With cargo.....	2,678	5,267	5,968	6,369	7,340	7,991	8,763	9,652
CLEARED								
North Atlantic Coast.....	71,240	76,923	80,842	79,127	83,496	86,874	91,464	89,676
With cargo.....	38,903	35,216	35,510	35,964	37,868	40,296	39,781	37,778
South Atlantic Coast.....	5,846	7,415	8,612	8,759	9,275	9,726	10,908	11,227
With cargo.....	3,635	4,582	5,121	5,362	5,227	5,249	5,766	5,322
Gulf Coast.....	17,289	24,109	25,218	27,593	29,823	30,200	33,959	36,289
With cargo.....	13,320	17,963	18,825	20,385	22,825	23,501	28,192	28,981
South Pacific Coast.....	11,172	15,502	18,007	18,616	18,843	18,263	19,744	21,758
With cargo.....	10,598	12,765	14,602	14,485	14,127	14,546	14,495	16,068
North Pacific Coast.....	5,060	8,367	9,444	9,473	9,180	11,158	10,873	12,840
With cargo.....	4,130	5,946	6,923	7,415	7,068	8,639	8,068	9,769
Great Lakes.....	14,561	16,244	16,937	17,583	19,623	21,434	24,626	25,196
With cargo.....	11,831	11,882	13,106	13,791	15,020	16,730	17,454	18,641
Alaska, Hawaii, Puerto Rico, and V.I.....	4,200	6,946	7,654	8,085	8,714	9,882	10,703	11,749
With cargo.....	3,077	3,736	3,491	3,663	3,920	4,591	4,921	5,555

No. 878. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY FLAG OF CARRIER VESSEL: 1941 TO 1965

[In thousands of net tons, except as indicated. Includes Puerto Rico and Virgin Islands. Excludes domestic trade. See also *Historical Statistics, Colonial Times to 1957*, series Q 192-203]

YEARLY AVERAGE OR YEAR	ALL PORTS					SEAPORTS <sup>1</sup>					
	Number of vessels	All vessels				All vessels			With cargo		
		Total tonnage	U.S.	Foreign	Percent U.S.	Total tonnage	U.S.	Foreign	Total tonnage	U.S.	Foreign
ENTERED											
1941-1945-----	38,997	67,994	34,658	33,336	51.0	52,620	30,059	22,560	28,995	16,877	12,118
1946-1950-----	48,813	87,462	46,205	41,257	52.8	75,094	42,168	32,926	50,288	26,318	23,970
1951-1955-----	48,082	114,990	39,459	75,531	34.3	100,657	35,345	65,313	78,407	26,759	51,649
1956-1960-----	51,874	155,368	31,118	124,251	20.0	139,375	26,938	112,436	110,023	21,884	88,139
1961-1965-----	49,670	187,982	33,443	154,539	17.9	166,207	29,947	136,260	127,832	18,994	108,839
1955-----	48,415	128,405	34,321	94,084	26.7	113,807	30,407	83,400	89,552	25,331	64,220
1960-----	51,375	162,765	30,189	132,575	18.5	145,828	26,708	119,119	118,539	19,955	98,584
1961-----	47,828	166,548	31,144	135,404	18.7	148,955	28,266	120,688	116,525	18,779	97,746
1962-----	49,515	178,334	33,774	144,560	18.9	158,606	29,963	128,644	125,297	19,978	105,319
1963-----	48,654	186,700	33,300	153,400	17.8	165,124	29,677	135,447	126,054	18,928	107,126
1964-----	50,998	199,330	34,956	164,373	17.5	174,625	30,909	143,715	132,257	19,001	113,256
1965-----	51,357	209,000	34,041	174,960	16.3	183,724	30,919	152,806	139,029	18,283	120,476
CLEARED											
1941-1945-----	38,195	71,792	37,283	34,509	51.9	56,304	32,585	23,718	45,147	26,377	18,770
1946-1950-----	45,135	87,190	44,942	42,244	51.5	74,889	40,933	33,953	54,584	29,510	25,073
1951-1955-----	45,324	115,447	39,533	75,914	34.2	101,213	35,531	65,682	68,396	25,407	42,989
1956-1960-----	49,079	156,376	31,157	125,219	19.9	140,498	27,018	113,478	85,273	19,791	65,481
1961-1965-----	48,098	189,274	33,913	155,360	17.9	167,581	30,459	137,121	95,963	20,383	75,581
1955-----	46,642	129,368	34,407	94,961	26.6	114,806	30,615	84,192	73,663	20,763	52,900
1960-----	49,809	166,715	31,280	135,434	18.8	149,778	27,649	122,127	84,470	18,653	65,817
1961-----	46,354	168,878	31,941	136,936	18.9	151,295	29,062	122,233	87,273	18,952	68,321
1962-----	47,837	178,953	34,165	144,788	19.1	159,330	30,337	128,992	91,036	19,648	71,388
1963-----	46,882	187,539	34,106	153,433	18.2	166,103	30,440	135,663	96,822	20,833	75,989
1964-----	49,636	202,262	35,337	166,924	17.5	177,636	31,409	146,225	101,212	21,501	79,711
1965-----	49,779	208,736	34,016	174,721	16.3	183,540	31,048	152,492	103,473	20,979	82,494

<sup>1</sup> Comprises all ports except Great Lakes ports.

Source of tables 877 and 878: Dept. of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and current summary reports, FT 975, *Vessel Entrances and Clearances*.

## No. 879. EMPLOYEES IN GOVERNMENT AND PRIVATE SHIPYARDS: 1940 TO 1966

[In thousands. Prior to 1959, excludes Alaska and Hawaii. Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft]

YEAR	Total	Private yards <sup>1</sup>	Navy yards <sup>2</sup>	YEAR	Total	Private yards <sup>1</sup>	Navy yards <sup>2</sup>
1940-----	180	103	78	1959-----	214	118	97
1945-----	1,034	742	292	1960-----	208	112	96
1950-----	146	72	74	1961-----	214	116	98
1954-----	218	108	110	1962-----	212	115	98
1955-----	208	101	107	1963-----	210	116	94
1956-----	212	110	102	1964-----	204	117	87
1957-----	225	127	98	1965-----	212	128	84
1958-----	218	123	95	1966-----	226	141	85

<sup>1</sup> Includes all full- and part-time employees who worked during or received pay for any part of the pay period which includes the 12th of the month. Data have been adjusted to March 1965 benchmark levels indicated by data from Government social insurance programs.

<sup>2</sup> Includes Curtis Bay Coast Guard yard (Md.) through 1958.

Source: Dept. of Labor, Bureau of Labor Statistics. Current data for private yards published monthly in *Employment and Earnings* and *Monthly Report on the Labor Force*.

## No. 880. EMPLOYMENT ON U.S. FLAG MERCHANT VESSELS: 1935 TO 1966

[As of June 30, except as indicated. Estimates of personnel employed on U.S. merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, the United States Army and Navy, and special types such as cable ships, tugs, etc.]

DATE	Employment	DATE	Employment	DATE	Employment
1935-----	56,150	1952-----	79,650	1961-----	<sup>1</sup> 30,930
1940-----	49,810	1953-----	72,750	1962-----	47,346
1945—June 20-----	158,860	1954-----	63,850	1963-----	47,434
1946—June 20-----	120,050	1955-----	57,507	1964-----	47,641
1947—Dec. 20-----	110,820	1956-----	57,192	1965-----	<sup>2</sup> 39,125
1948-----	80,250	1957-----	61,059	1966—Mar. 31-----	51,064
1949-----	71,970	1958-----	51,515	June 30-----	51,770
1950-----	61,550	1959-----	50,223	Sept. 30-----	53,280
1951-----	84,300	1960-----	49,153	Dec. 31-----	55,995

<sup>1</sup> Employment affected by maritime strike, Atlantic, Gulf, and Pacific Coast ports.

<sup>2</sup> Decrease due to seafaring strike.

Source: Dept. of Commerce, Maritime Administration; unpublished data through 1960; beginning 1961, monthly data in *Maritime Manpower Report*.

## No. 881. BASIC WAGE SCALE FOR ABLE-BODIED SEAMEN: 1935 TO 1967

[Represents basic wage, over and above subsistence (board and room), paid to seamen having qualifying experience and employed on U.S. flag merchant vessels. Excludes overtime and fringe pay benefits]

MONTH ESTABLISHED	Monthly wage rate	AREA AND MONTH ESTABLISHED	Monthly wage rate	AREA AND MONTH ESTABLISHED	Monthly wage rate
In effect, Jan. 1, 1935-----	\$55.00	EAST COAST <sup>1</sup>		WEST COAST <sup>1</sup>	
1940—January-----	72.50	1953—June-----	\$314.41	1953—June-----	\$314.41
1941—February-----	90.00	1956—June-----	333.27	1954—October-----	302.00
1942—January-----	100.00	1957—June-----	353.27	1955—November-----	423.00
1945—October-----	145.00	1960—January-----	369.17	1956—October-----	453.00
1946—April-----	162.50	1961—June-----	383.94	1957—October-----	478.00
June-----	172.50	1962—June-----	392.58	1960—October-----	511.50
1947—February-----	182.85	In effect Jan. 1, 1967-----	392.58	1961—October-----	521.50
October-----	197.50			1966—June-----	558.00
1948—March-----	210.00			In effect Jan. 1, 1967-----	558.00
December-----	226.00				
1950—September-----	248.50				
1951—October-----	288.00				
1952—April-----	302.40				

<sup>1</sup> Seamen on both coasts receive extra pay for Saturdays and Sundays at sea. Beginning November 1955, West Coast incorporated this extra pay into base wages but East Coast did not.

Source: Dept. of Commerce, Maritime Administration; *Seafaring Wage Rates* and unpublished data.



No. 882. U.S. MERCHANT MARINE—SUMMARY: 1930 TO 1965

[As of June 30 for 1930 to 1940; January 1, thereafter. Includes Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more. See also *Historical Statistics, Colonial Times to 1957*, series Q 153-174]

YEAR	NUMBER OF VESSELS			GROSS TONNAGE OF VESSELS (1,000)							
	Total	Steam and motor	All other	Total	Major class			Material of which built		Type of trade in which engaged <sup>4</sup>	
					Steam and motor	Sail- ing <sup>1</sup>	Un- rigged <sup>2</sup>	Wood	Other <sup>3</sup>	For- eign trade	Coast- wise and in- ternal
1930.....	25,214	18,211	7,003	16,068	13,757	757	1,554	2,554	13,514	6,296	9,723
1935.....	24,919	18,495	6,424	14,654	12,535	441	1,677	2,185	12,469	4,560	10,049
1940.....	27,212	19,504	7,708	14,018	11,353	200	2,466	2,329	11,393	3,638	10,352
1945.....	29,797	22,772	7,025	32,813	30,247	115	2,452	1,915	30,898	26,043	6,766
1950.....	36,083	28,793	7,290	31,215	28,327	82	2,806	1,952	29,263	19,154	12,048
1955.....	39,242	31,882	7,360	29,958	26,792	40	3,125	1,622	28,336	18,143	11,812
1958.....	41,276	32,988	8,288	28,586	24,599	23	3,965	1,469	27,118	16,206	12,376
1959.....	42,409	33,506	8,903	28,895	24,333	23	4,539	1,425	27,470	15,600	13,284
1960.....	43,088	33,640	9,448	28,581	23,553	23	5,005	1,397	27,184	14,737	13,833
1961.....	43,367	33,796	9,571	26,403	21,175	18	5,210	1,375	25,028	13,126	13,260
1962.....	43,566	33,852	9,714	25,456	20,176	18	5,362	1,349	24,107	12,393	12,775
1963.....	44,077	34,004	10,073	25,691	20,079	18	5,595	1,314	24,377	12,289	13,089
1964.....	44,669	34,167	10,502	26,160	20,018	17	6,125	1,260	24,900	12,580	13,276
1965.....	45,579	34,361	11,218	26,516	19,730	8	6,778	1,198	25,318	12,628	13,839

AREA OF LOCATION	NUMBER OF VESSELS					GROSS TONNAGE OF VESSELS (1,000)				
	1950	1955	1960	1964	1965	1950	1955	1960	1964	1965
Total.....	36,083	39,242	43,088	44,669	45,579	31,215	29,958	28,581	26,160	26,516
Atlantic and Gulf.....	21,623	23,355	24,963	25,651	26,087	20,420	20,402	18,926	17,077	17,074
Pacific.....	10,066	10,687	10,828	10,934	10,957	8,446	7,004	5,782	4,405	4,356
Northern lakes.....	2,026	2,005	1,950	1,973	1,951	1,628	1,590	1,728	1,858	1,878
Western rivers.....	2,368	3,195	5,347	6,111	6,584	721	962	2,145	2,820	3,208

<sup>1</sup> Vessels propelled wholly by sail.  
<sup>2</sup> Vessels having no propelling power of their own.  
<sup>3</sup> Comprises iron, steel, composite, concrete, and aluminum. Beginning 1961, includes plastic (fiberglass). For 1963, 1964, and 1965, steel amounted to 24,336,000, 24,860,000, and 25,279,000 tons, respectively.  
<sup>4</sup> Excludes vessels engaged in whale, cod, and mackerel fisheries.

Source: Treasury Dept., Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 883. U.S. MERCHANT MARINE—VESSELS, BY YEAR BUILT: 1965

[As of January 1. Includes Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more]

PERIOD BUILT	Number	Gross tons (1,000)	YEAR BUILT	Number	Gross tons (1,000)	YEAR BUILT	Number	Gross tons (1,000)
Total...	45,579	26,516	1941.....	844	379	1953.....	1,278	658
Unknown...	529	33	1942.....	1,192	1,452	1954.....	1,238	584
			1943.....	1,721	2,918	1955.....	1,272	449
			1944.....	2,013	3,724	1956.....	1,588	491
1849-1900....	467	106	1945.....	1,753	3,837	1957.....	1,812	701
1901-1905....	375	192	1946.....	1,413	600	1958.....	1,494	830
1906-1910....	621	598	1947.....	1,313	286	1959.....	1,378	843
1911-1915....	950	230	1948.....	1,226	246	1960.....	1,129	676
1916-1920....	1,234	309	1949.....	1,050	238	1961.....	1,016	668
1921-1925....	1,436	361	1950.....	960	221	1962.....	1,295	870
1926-1930....	2,720	492	1951.....	1,062	344	1963.....	1,496	991
1931-1935....	1,703	200	1952.....	1,060	462	1964.....	1,551	868
1936-1940....	3,390	661						

Source: Treasury Dept., Bureau of Customs; annual report, *Merchant Marine Statistics*.



## No. 884. U.S. MERCHANT MARINE—VESSELS, BY TYPE AND TONNAGE GROUP: 1965

[As of January 1. Includes Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more]

TONNAGE GROUP	ALL VESSELS		STEAM		MOTOR		SAILING <sup>1</sup>		UNRIGGED <sup>2</sup>	
	Num- ber	Gross tons (1,000)	Num- ber	Gross tons (1,000)	Num- ber	Gross tons (1,000)	Num- ber	Gross tons (1,000)	Num- ber	Gross tons (1,000)
<b>Total</b> .....	45,579	26,516	2,169	17,560	32,192	2,170	149	8	11,069	6,778
5 to 49 tons.....	25,958	473	14	(Z)	25,171	452	134	2	639	18
50 to 99 tons.....	4,369	305	23	2	3,907	270	6	(Z)	433	32
100 to 499 tons.....	6,950	1,975	112	28	2,638	540	6	2	4,194	1,405
500 to 999 tons.....	4,965	3,636	39	28	228	151	1	1	4,697	3,457
1,000 to 4,499 tons.....	1,425	2,592	122	372	211	458	2	3	1,090	1,759
5,000 to 9,999 tons.....	1,449	10,901	1,401	10,558	32	236	-	-	16	107
10,000 to 19,999 tons.....	418	5,442	413	5,380	5	62	-	-	-	-
20,000 tons and over.....	45	1,192	45	1,192	-	-	-	-	-	-

- Represents zero.

Z Less than 500 gross tons.

<sup>1</sup> Vessels propelled wholly by sail.<sup>2</sup> Vessels having no propelling power of their own.Source: Treasury Dept., Bureau of Customs; annual report, *Merchant Marine Statistics*.

## No. 885. U.S. MERCHANT MARINE—VESSELS BUILT AND REMOVED: 1940 TO 1964

[Includes Puerto Rico, Guam, and Virgin Islands. Covers documented vessels of 5 net tons or more both new and redocumented. Year shown is year of build of vessel, not necessarily year of documentation. See also *Historical Statistics, Colonial Times to 1957*, series Q 178-182]

YEAR OF BUILD	VESSELS DOCUMENTED				GROSS TONNAGE OF VESSELS REMOVED (1,000)				
	Number	Gross tonnage (1,000)			Total	Lost and aban- doned	Sold to aliens <sup>3</sup>	Out of docu- men- tation	All other
		Total <sup>1</sup>	Steam and motor	Un- rigged <sup>2</sup>					
1940.....	705	447	386	61	1,697	274	1,114	62	246
1945.....	1,744	6,314	6,259	55	901	138	75	42	646
1950.....	861	194	103	91	1,238	163	488	411	176
1955.....	1,116	400	117	283	866	63	418	208	176
1956.....	1,385	446	152	293	890	60	274	435	122
1957.....	1,582	585	249	336	1,625	33	579	728	285
1958.....	1,390	837	406	431	961	35	87	694	144
1959.....	1,180	792	386	406	1,448	58	50	1,264	75
1960.....	949	629	352	277	3,065	55	249	2,585	175
1961.....	877	620	389	231	1,966	54	456	1,260	195
1962.....	1,175	821	420	402	947	45	261	322	319
1963.....	1,365	943	460	482	801	59	234	180	327
1964.....	1,551	868	266	602	885	59	336	122	368

<sup>1</sup> Includes small amount of tonnage for vessels propelled wholly by sail.<sup>2</sup> Vessels having no propelling power of their own.<sup>3</sup> Beginning 1955, sold or transferred to aliens.Source: Treasury Dept., Bureau of Customs; annual report, *Merchant Marine Statistics*.

## No. 886. UNITED STATES FLAG MERCHANT VESSELS, STEAM AND MOTOR: 1940 TO 1966

[Dead-weight tonnage in thousands. As of June 30, except as indicated. Covers seagoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes]

YEAR AND TYPE OF VESSEL	ALL VESSELS		ACTIVE VESSELS										TEMPORARILY INACTIVE		RESERVE FLEET		SPECIAL SERVICE	
			Total		Foreign trade		Domestic trade				Noncontiguous							
	Num- ber	Tons	Num- ber	Tons	Num- ber	Tons	Coastwise		Intercoastal		Noncontiguous		Num- ber	Tons	Num- ber	Tons	Num- ber	Tons
							Num- ber	Tons	Num- ber	Tons	Num- ber	Tons						
1940-----	1,300	11,019	1,118	9,643	425	3,749	693	5,893	500	4,172	122	1,189	71	532	-	-	1	10
Combination <sup>1</sup> -----	140	873	112	696	66	514	46	182	36	129	1	8	9	45	-	-	1	-
Cargo-----	790	6,020	641	4,882	291	2,443	350	2,438	188	988	109	1,033	53	417	-	-	1	10
Tanker-----	370	4,126	365	4,065	68	791	297	3,273	276	3,054	12	148	9	70	-	-	-	-
1946 (Sept. 30)-----	4,852	50,263	2,332	25,399	1,890	20,592	442	4,807	297	3,480	54	563	91	757	1,557	16,138	430	3,728
Combination <sup>1</sup> -----	117	800	25	165	15	127	10	38	-	-	-	-	10	38	175	33	31	247
Cargo-----	3,829	36,675	1,833	18,110	1,607	16,200	226	1,910	101	728	53	561	72	617	1,159	11,069	387	3,298
Tanker-----	906	12,785	474	7,122	268	4,264	206	2,858	196	2,751	1	2	9	101	365	4,856	12	183
1950-----	3,408	36,526	1,145	13,828	711	8,353	434	5,474	279	3,716	87	1,131	68	626	2,177	21,853	-	-
Combination <sup>1</sup> -----	83	639	51	417	45	389	6	28	-	-	-	-	6	28	27	28	-	-
Cargo-----	2,846	28,927	632	7,075	505	5,367	177	1,708	66	559	58	649	53	500	2,122	21,468	-	-
Tanker-----	479	6,959	412	6,335	161	2,597	251	3,737	213	3,157	29	482	9	98	27	190	-	-
1955-----	3,235	35,017	1,026	12,872	601	6,992	425	5,880	271	3,999	75	996	79	885	1,099	19,687	137	1,360
Combination <sup>1</sup> -----	249	1,687	40	371	39	361	1	10	-	-	-	-	1	10	68	185	10	82
Cargo-----	2,560	26,539	652	7,033	492	5,383	160	1,650	43	385	52	591	65	674	288	18,070	120	1,149
Tanker-----	426	6,790	334	5,468	70	1,248	264	4,220	228	3,614	23	405	13	201	742	451	7	129
1960-----	2,960	32,821	930	12,467	558	6,541	372	5,926	237	4,284	50	717	85	925	1,400	18,279	47	675
Combination <sup>1</sup> -----	306	2,044	36	319	34	305	2	14	-	-	-	-	2	14	31	265	1	6
Cargo-----	2,226	23,015	627	6,854	479	5,265	148	1,589	35	375	39	442	71	773	376	15,530	28	255
Tanker-----	428	7,762	267	5,295	45	972	222	4,323	202	3,910	11	275	9	138	993	83	18	414
1966-----	2,292	27,393	742	11,401	494	6,576	248	4,825	139	3,202	37	700	72	923	882	11,122	301	3,987
Combination <sup>1</sup> -----	225	1,476	27	237	26	293	1	4	-	-	-	-	1	4	5	195	2	13
Cargo-----	1,739	18,565	503	6,143	420	5,093	83	1,050	11	160	22	325	50	565	358	9,294	257	2,770
Tanker-----	328	7,352	212	5,021	48	1,250	164	3,771	128	3,042	15	375	21	354	519	608	42	1,204

<sup>1</sup> Represents zero.

<sup>1</sup> Includes ships originally constructed as cargo ships but converted to transports, hospital ships, etc., previously included in cargo classification as follows: 1955, 181 ships of 1,124,000 tons; 1960, 237 ships of 1,427,600 tons; 1966, 189 ships of 1,167,000 tons.

Source: Dept. of Commerce, Maritime Administration; *Employment Report of United States Flag Merchant Fleet Ongoing Vessels 1000 Gross Tons and Over, June 1966*, and unpublished data.

## No. 887. MERCHANT VESSELS COMPLETED BY U.S. SHIPYARDS: 1930 TO 1966

[Tons in thousands. Represents self-propelled steel vessels of 2,000 gross tons and over. Excludes Alaska and Hawaii]

YEAR	ALL MERCHANT VESSELS		PASSENGER-CARGO/TRANSPORT			CARGO			TANKER		
	Number	Gross tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons
1930-----	18	164	5	50	39	2	16	24	11	97	161
1935-----	2	19	-	-	-	-	-	-	2	19	30
1940-----	53	445	6	69	61	31	227	335	16	149	238
1942-----	724	5,393	11	102	81	652	4,679	6,843	61	612	982
1943-----	1,661	12,486	20	220	180	1,410	10,103	14,921	231	2,163	3,420
1944-----	1,463	11,403	48	461	330	1,175	8,455	11,858	240	2,486	3,955
1945-----	1,041	7,615	46	509	311	807	5,336	7,206	188	1,770	2,787
1950-----	26	405	-	-	-	3	27	44	23	378	609
1955-----	9	119	-	-	-	7	84	95	2	35	55
1960-----	26	410	-	-	-	15	134	163	11	276	456
1961-----	25	369	-	-	-	18	190	224	7	179	298
1962-----	27	392	1	14	10	23	265	303	3	113	186
1963-----	35	418	6	51	31	23	250	289	6	117	200
1964-----	15	213	1	14	9	10	104	123	4	95	166
1965-----	13	173	-	-	-	11	121	154	2	52	92
1966-----	13	146	-	-	-	12	125	161	1	21	36

- Represents zero.

Source: 1930-1964, American Bureau of Shipping, New York, N.Y., annually in *The Bulletin*. Beginning 1965, Dept. of Commerce, Maritime Administration; annual report, *New Ship Construction*.

## No. 888. SHIPBUILDING IN PRIVATE SHIPYARDS—SUMMARY: 1950 TO 1966

[Tons in thousands: Gross tons for commercial vessels, light displacement tons for naval vessels. Covers steel vessels of 1,000 tons or over]

ITEM	1950		1960		1964		1965		1966	
	Number	Tons	Number	Tons	Number	Tons	Number	Tons	Number	Tons
COMMERCIAL VESSELS										
Under construction, Jan. 1-----	39	636	60	979	45	517	47	550	45	513
Contracted for-----	16	181	23	270	18	244	16	166	16	244
Launched-----	26	422	31	471	20	239	17	221	11	134
Delivered-----	26	415	25	404	16	223	18	203	13	161
Under construction, Dec. 31-----	29	401	58	844	47	550	45	513	48	596
NAVAL VESSELS										
Under construction, Jan. 1-----	11	42	52	334	83	450	101	537	106	573
Contracted for-----	-	-	19	115	39	195	23	158	54	246
Launched-----	-	-	16	170	22	133	15	102	25	129
Delivered-----	-	-	12	39	21	108	18	122	13	74
Under construction, Dec. 31-----	11	42	59	410	101	537	106	573	147	745

- Represents zero.

Source: Shipbuilders Council of America, Washington, D.C.; *Annual Report*, and unpublished data.

## No. 889. VESSELS REPAIRED OR CONVERTED IN PRIVATE SHIPBUILDING AND SHIP REPAIR YARDS: 1950 TO 1966

YEAR	TOTAL		VESSELS UNDER 1,000 GROSS TONS		VESSELS OVER 1,000 GROSS TONS	
	Yards reporting <sup>1</sup>	Vessels	Yards reporting	Vessels	Yards reporting	Vessels
1950-----	118	33,287	111	17,993	80	15,294
1955-----	144	35,413	130	21,122	89	14,291
1960-----	159	37,774	132	24,991	93	12,783
1961-----	122	36,816	106	26,027	73	10,789
1962-----	151	42,686	137	29,912	95	12,774
1963-----	139	39,990	129	27,804	102	12,186
1964-----	146	37,500	132	26,777	93	10,723
1965-----	136	35,600	117	22,900	93	12,700
1966-----	114	30,400	89	17,000	73	13,400

<sup>1</sup> Not additive.

Source: Shipbuilders Council of America, Washington, D.C.; *Annual Report*, and unpublished data.



# No. 890. MERCHANT VESSELS LAUNCHED AND OWNED—WORLD AND UNITED STATES: 1940 TO 1966

[Vessels of 100 gross tons and over. Beginning 1945, excludes sailing ships, nonpropelled craft, and all ships built of wood]

YEAR	WORLD				UNITED STATES			
	Launched		Owned		Launched		Owned	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1940.....	495	1,754	(1)	(1)	167	579	(1)	(1)
1945.....	1,311	7,189	(1)	(1)	880	5,968	(1)	(1)
1950.....	990	3,489	27,922	83,996	51	437	4,531	27,404
1955.....	1,437	5,315	29,967	100,069	26	73	4,225	26,343
1960.....	2,020	8,356	34,056	129,339	60	485	3,845	24,781
1962.....	1,901	8,375	36,364	139,549	90	449	3,542	23,220
1963.....	2,001	8,539	37,310	145,438	78	294	3,506	23,082
1964.....	2,147	10,264	33,602	152,584	80	276	3,344	22,380
1965.....	2,280	12,216	39,628	159,979	130	270	3,224	21,478
1966.....	2,561	14,307	40,822	170,730	191	167	3,140	20,750

<sup>1</sup> Not recorded.

Source: Lloyd's Register of Shipping, London, England; *Register Book, Statistical Tables*.

# No. 891. MERCHANT FLEETS OF THE WORLD, BY TYPE OF VESSEL AND COUNTRY OF REGISTRATION: 1964

[Vessels of 1,000 gross tons and over. As of December 31. Specified countries have 100 or more ships]

COUNTRY OF REGISTRY	TOTAL		COMBINATION PASSENGER AND CARGO		FREIGHTERS		BULK CARRIERS <sup>1</sup>		TANKERS	
	Num- ber	Average age (years)	Num- ber	Average age (years)	Num- ber	Average age (years)	Num- ber	Average age (years)	Num- ber	Average age (years)
<b>World total</b> .....	<b>18,115</b>	<b>13.9</b>	<b>1,124</b>	<b>19.4</b>	<b>11,686</b>	<b>15.1</b>	<b>1,822</b>	<b>10.0</b>	<b>3,483</b>	<b>10.1</b>
<b>United States</b> .....	<b>2,529</b>	<b>19.0</b>	<b>257</b>	<b>19.5</b>	<b>1,846</b>	<b>19.4</b>	<b>65</b>	<b>20.0</b>	<b>361</b>	<b>16.0</b>
Privately owned.....	963	16.4	31	13.9	579	16.8	64	20.0	289	15.0
Government-owned....	1,566	20.6	226	20.3	1,267	20.6	1	21.0	72	20.5
<b>Foreign</b> .....	<b>15,586</b>	<b>13.0</b>	<b>867</b>	<b>19.3</b>	<b>9,840</b>	<b>14.3</b>	<b>1,757</b>	<b>9.6</b>	<b>3,122</b>	<b>9.4</b>
Argentina.....	163	21.4	18	17.1	76	21.3	3	35.0	66	22.1
Australia.....	103	12.7	7	15.7	47	12.7	43	12.7	6	9.0
Brazil.....	238	20.9	20	37.6	154	22.9	16	15.8	48	9.2
British Colonies <sup>2</sup> .....	200	18.3	24	21.0	149	18.2	15	15.5	12	18.7
China (Taiwan).....	103	18.0	3	25.3	90	18.0	1	24.0	9	14.3
China (mainland).....	166	23.9	21	25.2	108	26.3	18	13.7	19	18.4
Denmark.....	337	8.5	23	19.7	245	8.4	14	6.9	55	4.9
Finland.....	243	15.1	7	31.1	186	14.7	18	20.9	32	10.8
France.....	572	10.4	45	14.2	308	10.8	61	8.4	158	9.3
Germany (West).....	840	9.5	19	15.2	709	9.5	65	7.3	47	10.1
Greece.....	867	17.3	45	27.2	636	18.2	79	11.6	107	11.9
India.....	206	12.0	12	18.8	178	12.2	10	1.6	6	7.3
Indonesia.....	112	10.7	28	11.9	73	10.4	-	(X)	11	9.5
Italy.....	591	16.8	69	18.1	291	20.8	88	10.0	143	12.3
Japan.....	1,272	8.5	28	11.8	859	9.7	175	5.3	210	6.2
Lebanon.....	165	26.1	-	(X)	151	25.4	14	33.7	-	(X)
Liberia.....	1,151	12.7	10	21.9	458	17.3	212	10.3	471	9.2
Netherlands.....	513	9.5	43	16.3	343	9.6	28	5.2	99	7.8
Norway.....	1,377	8.8	27	11.7	667	10.7	208	5.3	475	7.4
Panama.....	553	21.5	16	31.6	355	24.6	33	21.4	149	13.1
Poland.....	164	12.5	1	28.0	135	12.5	22	12.4	6	9.8
Spain.....	330	26.0	41	22.3	208	30.7	18	25.3	63	13.0
Sweden.....	470	10.3	10	28.6	297	11.6	81	7.7	82	6.2
Turkey.....	118	24.3	24	22.7	82	26.3	1	19.0	11	13.0
United Kingdom.....	2,097	10.1	127	15.4	1,224	10.4	281	9.6	465	8.3
U.S.S.R.....	1,227	14.5	79	23.7	780	16.5	163	8.5	205	8.1
Yugoslavia.....	168	14.3	10	20.4	140	14.4	7	12.1	11	8.6
All others <sup>3</sup> .....	1,240	13.4	110	18.2	891	12.9	83	14.0	156	12.5

- Represents zero. X Not applicable. <sup>1</sup> Includes ore carriers and ore/oil carriers.

<sup>2</sup> Comprises Bermuda, Borneo, Cayman Island, Gibraltar, Hong Kong, Kenya, Nassau, Port of Spain, and Singapore.

<sup>3</sup> Includes countries with less than 100 merchant type ships of 1,000 gross tons and over.

Source: Dept. of Commerce, Maritime Administration; biennial report, *A Statistical Analysis of the World's Merchant Fleets*, December 1964.

## Section 23

### Agriculture—Farms, Land, and Finances

This section presents statistics concerning the basic structure of our agricultural economy. Included are data on farm population; number, acreage, value, and ownership of farms; land utilization, irrigation, drainage, and soil conservation; farm income, expenditures, and debt; and farmer cooperatives. The principal sources of these data are reports issued by the Bureau of the Census, which conducts a Census of Agriculture every 5 years and Censuses of Irrigation and of Drainage every 10 years; the annual *Crop Report and Related Data, Federal Reclamation Projects*, issued by the Bureau of Reclamation; and current and annual publications of the Department of Agriculture, among which are *Report of Administrator of Soil Conservation Service, Agricultural Statistics, The Farm Income Situation, Farm Real Estate Market Developments, The Balance Sheet of Agriculture*, and *Statistics of Farmer Cooperatives*.

Data on farm production, marketings, and imports and exports for crops, livestock, and poultry are in section 24, Agriculture—Production, Marketing, and Trade.

A Census of Agriculture, entailing personal enumeration of individual farms, has been taken every 10 years since 1840 and every 5 years since 1920. The first Census, limited in scope, included such items as numbers of livestock, production of wool, value of poultry and dairy products, and production of principal crops. Data on number, acreage, and value of farms were first obtained in the 1850 Census; on farm tenure, in 1880; and on a detailed classification of farmland by use, in 1925. The 1959 Census of Agriculture is the most recent one for which complete data are available; preliminary results from the 1964 Census became available during 1966 and final reports for individual States in 1967.

**Farms and farmland.**—In the course of its history, the Bureau of the Census has used varying definitions of a farm. In the 1959 and 1964 Censuses, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least \$250, and places of 10 or more acres if such sales amounted to at least \$50. In the 1950 and 1954 Censuses, places of 3 or more acres were counted as farms if the annual *value* of agricultural products, whether for home use or for sale, but exclusive of home-garden products, amounted to \$150 or more; places of less than 3 acres were counted as farms only if the annual *sales* amounted to \$150 or more. In the Censuses from 1925 to 1945, farms included places of 3 or more acres having any agricultural production, other than from a home garden, and places of less than 3 acres having agricultural production valued at a minimum of \$250. For definitions used in earlier Censuses, see *U.S. Census of Agriculture: 1959*, Vol. II, Introduction.

Currently included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, mushroom houses, and cranberry bogs; excluded are fish farms, fish hatcheries, oyster farms, frog farms, fur farms, apiaries, kennels, game preserves, parks, and the like. In the case of landowners who had one or more tenants, renters, croppers, or managers, the land operated by each was counted as a separate farm.

In the 1964 Census, generally all farms with sales of \$2,500 or more were classified as commercial. Farms with sales of \$50 to \$2,499 were classified as commercial if the operator was under 65 years of age and did not work off the farm 100 or more days during the year.

Farmland refers to all land under the control of a farm operator and considered as part of his farm, including land not actually under cultivation or used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing that was neither owned nor leased by the farm operator, such as national forests, Taylor grazing land, State or other public lands, and some railroad and other privately owned lands, is not included.



**Irrigation and drainage.**—Irrigated land as defined by the Bureau of the Census is the net acreage of farmland to which irrigation water was applied during the census year. It excludes land not irrigated during the census year and also irrigated nonfarm land.

In the 18 Western States (Alaska excluded) and Louisiana, the Bureau of the Census collects information at 10-year intervals on acres irrigated, irrigation works, capital investment, etc., from irrigation companies, districts, and other organizations, and from farms that operate their own irrigation works. Irrigation information for other States is generally limited to the regular farm census. Following the 1954 and 1959 Censuses, a special survey of irrigation was conducted in humid areas. The Bureau of the Census in 1950 and 1960 enumerated, in general, only organized enterprises with 500 acres or more of drained farmland. In 1950, smaller irrigation enterprises which had their own drainage works were also included. In previous censuses (1920 to 1940), all organized enterprises draining farmlands were included regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any drainage census.

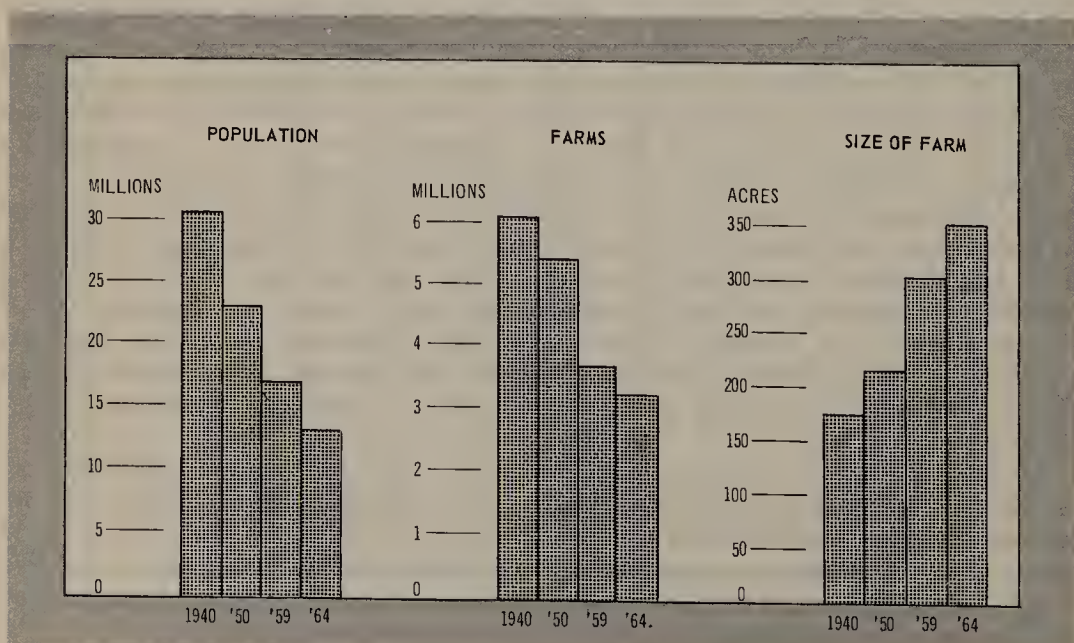
**Soil conservation.**—Soil conservation district legislation has been enacted in all 50 States, Puerto Rico, and the Virgin Islands. A soil conservation district is a political subdivision of a State. Districts have broad responsibility and authority for conservation and development of soil, water, and related resources. In most cases, districts have authority to accept Federal, State, county, and private assistance for their soil and water conservation programs. On request of the local district governing body, the Department of Agriculture provides technical and other assistance.

**Farm income.**—Cash income is the cash receipts from farm marketings and represents quantities of agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Gross farm income includes cash receipts and also Government payments, value of farm products consumed on the farm, and rental value of farm homes.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XXXIX. FARM POPULATION, FARMS, AND FARM SIZE: 1940 TO 1964

[See tables 892 and 897]





## No. 892. FARM POPULATION AND COMPONENTS OF CHANGE: 1920 TO 1966

[In thousands, except as indicated. Prior to 1959, excludes Alaska and 1960, Hawaii. Figures for 1945 to 1959 are revised to provide a continuous series approximating the new definition of farm population; see text, p. 2. See *Historical Statistics, Colonial Times to 1957*, series C 74-79, for estimates for 1920 to 1944]

YEAR	Farm population, Apr. 1	NET CHANGE SINCE PRECEDING APRIL		Farm population as percent of total population <sup>2</sup>	YEAR	Farm population, Apr. 1	NET CHANGE SINCE PRECEDING APRIL		Farm population as percent of total population <sup>2</sup>
		Births and deaths	Migration <sup>1</sup>				Births and deaths	Migration <sup>1</sup>	
1920-----	31,974	(NA)	(NA)	30.1	1955-----	19,078	268	-210	11.6
1925-----	31,190	500	-487	27.0	1956-----	18,712	261	-627	11.2
1930-----	30,529	426	-477	24.9	1957-----	17,656	239	-1,295	10.4
1935-----	32,161	383	-527	25.3	1958-----	17,128	220	-748	9.9
1940-----	30,547	410	-703	23.2	1959-----	16,592	203	-740	9.4
1945-----	24,420	353	-748	17.5	1960-----	15,635	184	-1,142	8.7
1946-----	25,403	312	671	18.0	1961-----	14,803	168	-1,000	8.1
1947-----	25,829	470	-44	18.0	1962-----	14,313	156	-646	7.7
1948-----	24,383	443	-1,889	16.7	1963-----	13,367	140	-1,086	7.1
1949-----	24,194	397	-586	16.3	1964-----	12,954	121	-533	6.8
1950-----	23,048	392	-1,537	15.3	1965-----	12,363	112	-703	6.4
1951-----	21,890	373	-1,531	14.2	1966-----	11,595	90	-858	5.9
1952-----	21,748	341	-483	13.9					
1953-----	19,874	328	-2,201	12.5					
1954-----	19,019	296	-1,151	11.8					

NA Not available.

<sup>1</sup> Beginning 1940, includes inductions and enlistments into Armed Forces, and persons returning from Armed Forces. For all years, includes persons who did not move but who were in and out of the farm population because agricultural operations began or ceased, respectively, on the place where they were living.

<sup>2</sup> Total population includes Armed Forces abroad.

Source: Dept. of Agriculture, Economic Research Service, *Farm Population, Estimates for 1910-62, 1963, 1964, 1965, and 1966*.

## No. 893. FARMS—NUMBER AND ACREAGE: 1920 TO 1967

[Prior to 1959, excludes Alaska and Hawaii. Estimated. For definition of farms and farmland, see text, p. 603. See also *Historical Statistics, Colonial Times to 1957*, series K1-2]

YEAR	Number of farms <sup>1</sup> (1,000)	LAND IN FARMS		YEAR	Number of farms <sup>1</sup> (1,000)	LAND IN FARMS	
		Total (mil. acres)	Average per farm (acres)			Total (mil. acres)	Average per farm (acres)
1920-----	6,518	956	147	1955-----	4,654	1,202	258
1925-----	6,471	924	143	1956-----	4,514	1,197	265
1930-----	6,546	987	151	1957-----	4,372	1,191	273
1935-----	6,814	1,055	155	1958-----	4,233	1,185	280
1940-----	6,350	1,061	167	1959-----	4,105	1,183	288
1945-----	5,967	1,142	191	1960-----	3,956	1,178	298
1946-----	5,926	1,145	193	1961-----	3,818	1,173	307
1947-----	5,871	1,148	196	1962-----	3,695	1,168	316
1948-----	5,803	1,152	199	1963-----	3,580	1,163	325
1949-----	5,722	1,155	202	1964-----	3,479	1,159	333
1950-----	5,648	1,202	213	1965-----	3,380	1,155	342
1951-----	5,428	1,204	222	1966-----	3,258	1,145	351
1952-----	5,198	1,205	232	1967 (prel.)-----	3,176	1,140	359
1953-----	4,984	1,206	242				
1954-----	4,798	1,206	251				

<sup>1</sup> Census years have been adjusted for underenumeration and for changes in definition of a farm; intercensal years are based on trend and on indications of change in acreage and livestock surveys.

Source: Dept. of Agriculture, Statistical Reporting Service; *Number of Farms, 1910-1959; Land in Farms, 1950-1959, By States*, 1962 (Statistical Bulletin No. 316), supplemented annually by *Number of Farms and Land in Farms*; and unpublished data.

# No. 894. FARM OPERATOR HOUSEHOLDS AND INCOME FROM SOURCES OTHER THAN THE FARM OPERATED, BY STATES: 1964

[Money figures in millions of dollars. Preliminary. For composition of regions, see fig. I. p. xii]

STATE	HOUSEHOLDS			INCOME OF ALL MEMBERS IN HOUSEHOLD FROM SOURCES OTHER THAN FARM OPERATED				
	Number	Persons in household	Households reporting income	Total, all sources	Wages and salaries	Nonfarm business and professional practice	Social Security, pensions, veterans and welfare payments	Rent from farm and nonfarm property, interest, dividends, etc.
U.S.....	3, 157, 854	11, 250, 173	2, 563, 664	10, 056	6, 451	1, 156	842	1, 608
The North.....	1, 479, 581	5, 444, 754	1, 188, 250	4, 545	2, 882	450	348	865
The South.....	1, 372, 732	4, 715, 051	1, 130, 733	4, 194	2, 742	524	409	519
The West.....	305, 541	1, 090, 368	244, 681	1, 317	827	182	84	224
New England.....	41, 957	158, 875	33, 563	154	109	21	14	11
Maine.....	12, 875	49, 279	10, 881	43	31	5	4	2
New Hampshire.....	4, 648	17, 673	3, 920	19	14	3	2	1
Vermont.....	9, 247	38, 138	7, 421	28	20	4	3	2
Massachusetts.....	8, 019	27, 929	6, 035	33	23	4	3	3
Rhode Island.....	1, 100	3, 960	681	4	3	1	(Z)	(Z)
Connecticut.....	6, 068	21, 896	4, 625	27	18	4	2	3
Middle Atlantic.....	160, 237	613, 701	125, 135	561	413	63	44	40
New York.....	66, 510	257, 902	52, 081	230	167	25	20	18
New Jersey.....	10, 641	37, 041	7, 454	40	25	6	3	5
Pennsylvania.....	83, 086	318, 758	65, 600	291	221	32	21	17
East North Central.....	573, 605	2, 124, 352	463, 130	2, 000	1, 416	188	142	252
Ohio.....	120, 381	437, 626	101, 142	463	344	42	33	43
Indiana.....	108, 082	378, 613	89, 339	426	308	40	27	51
Illinois.....	132, 822	467, 152	100, 052	393	237	42	28	85
Michigan.....	93, 504	352, 579	79, 681	395	304	34	26	31
Wisconsin.....	118, 816	488, 382	92, 916	323	223	30	28	42
West North Central.....	703, 782	2, 547, 826	566, 422	1, 830	944	176	149	561
Minnesota.....	131, 163	522, 018	103, 836	305	175	26	26	78
Iowa.....	154, 162	577, 377	122, 533	401	185	35	26	155
Missouri.....	147, 315	469, 007	122, 408	437	277	48	46	66
North Dakota.....	48, 836	192, 470	39, 838	102	38	10	8	46
South Dakota.....	49, 703	190, 169	37, 139	93	39	10	8	36
Nebraska.....	80, 163	286, 918	64, 597	206	76	17	14	99
Kansas.....	92, 440	309, 867	76, 071	286	154	30	21	81
South Atlantic.....	468, 377	1, 676, 347	380, 447	1, 444	984	177	138	143
Delaware.....	4, 401	15, 231	3, 269	14	10	1	1	2
Maryland.....	20, 760	76, 790	16, 398	84	58	12	6	7
Virginia.....	80, 354	277, 824	65, 510	255	175	32	26	22
West Virginia.....	34, 504	116, 852	31, 405	116	85	11	16	4
North Carolina.....	148, 202	553, 307	115, 236	375	253	39	35	48
South Carolina.....	56, 248	217, 089	45, 363	164	115	20	13	14
Georgia.....	83, 366	293, 166	69, 897	267	182	33	25	28
Florida.....	40, 542	126, 088	33, 369	169	106	29	16	18
East South Central.....	468, 155	1, 639, 011	385, 882	1, 249	859	145	139	106
Kentucky.....	133, 038	449, 353	106, 466	330	219	41	40	30
Tennessee.....	133, 446	453, 733	111, 175	380	270	42	37	31
Alabama.....	92, 530	333, 817	77, 614	271	192	31	28	20
Mississippi.....	109, 141	402, 108	90, 627	268	178	31	34	25
West South Central.....	436, 200	1, 399, 693	364, 404	1, 501	898	202	133	268
Arkansas.....	79, 898	270, 118	63, 677	195	131	23	24	17
Louisiana.....	62, 466	226, 810	50, 809	203	131	23	21	28
Oklahoma.....	88, 726	276, 992	76, 834	313	194	40	25	54
Texas.....	205, 110	625, 773	173, 084	790	442	116	63	169
Mountain.....	134, 115	497, 510	104, 336	462	280	56	29	97
Montana.....	27, 020	101, 244	20, 259	74	40	9	6	20
Idaho.....	29, 661	113, 423	23, 322	92	63	12	6	11
Wyoming.....	9, 038	33, 291	6, 877	27	14	3	2	8
Colorado.....	29, 798	106, 519	22, 875	104	58	11	6	29
New Mexico.....	14, 206	49, 698	11, 129	55	29	8	4	15
Arizona.....	6, 477	22, 936	4, 640	32	18	5	1	8
Utah.....	15, 759	62, 503	13, 641	69	52	7	4	5
Nevada.....	2, 156	7, 896	1, 593	8	6	1	1	1
Pacific.....	171, 426	592, 858	140, 345	855	548	126	56	127
Washington.....	45, 574	163, 228	38, 400	201	143	24	14	20
Oregon.....	39, 757	139, 096	34, 304	186	130	24	13	19
California.....	80, 849	269, 754	63, 113	442	255	74	27	87
Alaska.....	382	1, 462	315	2	2	1	(Z)	(Z)
Hawaii.....	4, 864	19, 318	4, 213	25	18	3	2	1

Z Less than \$500,000.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, preliminary reports, Series AC 64-P1.

## No. 895. FARMS—NUMBER, BY SIZE, 1940 TO 1964, AND BY ACREAGE, 1964

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 61-72]

SIZE OF FARM	NUMBER OF FARMS (1,000)					1964				
	1940	1950	1954	1959	1964	Land in farms (1,000 acres)	Crop-land har- vested (1,000 acres)	Percent distribution		
								Num- ber of farms	All land in farms	Crop- land har- vested
<b>Total</b> .....	6, 097	5, 382	4, 782	3, 711	3, 158	1, 110, 188	286, 892	100. 0	100. 0	100. 0
Under 10 acres.....	506	485	484	244	183	778	363	5. 8	0. 1	0. 1
10 to 49 acres.....	1, 780	1, 478	1, 213	813	637	17, 327	6, 074	20. 2	1. 6	2. 1
50 to 99 acres.....	1, 291	1, 048	864	658	542	39, 589	13, 245	17. 2	3. 6	4. 6
100 to 179 acres.....	1, 310	1, 103	953	773	633	86, 592	34, 387	20. 0	7. 8	12. 0
180 to 259 acres.....	486	487	464	414	355	76, 857	33, 800	11. 2	6. 9	11. 8
260 to 499 acres.....	459	478	482	472	451	159, 598	72, 007	14. 3	14. 4	25. 1
500 to 999 acres.....	164	182	192	200	210	144, 600	57, 210	6. 6	13. 0	19. 9
1,000 acres and over.....	101	121	130	136	145	584, 848	69, 806	4. 6	52. 6	24. 3

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1950*, Vol. II, *1954*, Vol. II, *1959*, Vol. II, and *1964*, Vol. II.

## No. 896. FARMS—NUMBER, ACREAGE, AND VALUE OF SALES, BY SIZE OF SALES: 1949 TO 1964

[Excludes Alaska and Hawaii. Value of farm sales expressed in prices received by farmers in 1959]

YEAR AND ITEM	SIZE OF SALES				PERCENT			
	\$2,500 or more	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 or more	\$2,500 or more	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 or more
<b>1949</b>								
Farms.....1,000.....	2, 087	882	721	484	100. 0	42. 3	34. 5	23. 2
Acreage.....1,000 acres.....	849, 794	168, 696	215, 075	466, 023	100. 0	19. 9	25. 3	54. 8
Average per farm.....acres.....	407	191	298	963	(X)	(X)	(X)	(X)
Value of sales.....mil. dol.....	18, 810	3, 075	4, 866	10, 869	100. 0	16. 3	25. 9	57. 8
Average per farm.....dollars.....	9, 009	3, 485	6, 747	22, 439	(X)	(X)	(X)	(X)
<b>1954</b>								
Farms.....1,000.....	2, 102	812	707	583	100. 0	38. 6	33. 6	27. 8
Acreage.....1,000 acres.....	885, 036	163, 216	220, 520	501, 300	100. 0	18. 4	24. 9	56. 7
Average per farm.....acres.....	421	201	312	860	(X)	(X)	(X)	(X)
Value of sales.....mil. dol.....	22, 103	2, 950	4, 985	14, 168	100. 0	13. 3	22. 6	64. 1
Average per farm.....dollars.....	10, 516	3, 633	7, 052	24, 304	(X)	(X)	(X)	(X)
<b>1959</b>								
Farms.....1,000.....	2, 064	617	653	794	100. 0	29. 9	31. 6	38. 5
Acreage.....1,000 acres.....	937, 162	118, 473	188, 403	630, 286	100. 0	12. 6	20. 1	67. 3
Average per farm.....acres.....	454	192	289	794	(X)	(X)	(X)	(X)
Value of sales.....mil. dol.....	28, 850	2, 271	4, 718	21, 861	100. 0	7. 9	16. 3	75. 8
Average per farm.....dollars.....	13, 975	3, 682	7, 223	27, 516	(X)	(X)	(X)	(X)
<b>1964 (prel.)</b>								
Farms.....1,000.....	1, 815	443	504	868	100. 0	24. 4	27. 8	47. 8
Acreage.....1,000 acres.....	919, 614	91, 023	157, 756	670, 835	100. 0	9. 9	17. 2	72. 9
Average per farm.....acres.....	507	205	313	773	(X)	(X)	(X)	(X)
Value of sales.....mil. dol.....	33, 849	1, 609	3, 649	28, 591	100. 0	4. 7	10. 8	84. 5
Average per farm.....dollars.....	18, 648	3, 629	7, 240	32, 945	100. 0	(X)	(X)	(X)

X Not applicable.

Source: Dept. of Agriculture, Economic Research Service; unpublished data. Data based on Census of Agriculture, Bureau of the Census.



No. 897. FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1959 AND 1964

[For composition of regions. see fig. I, p. xii]

STATE	NUMBER OF FARMS (1,000)		ALL LAND IN FARMS (1,000 acres)		AVERAGE ACREAGE PER FARM		TOTAL VALUE <sup>1</sup> (mil. dol.)		AVERAGE VALUE PER FARM <sup>2</sup> (\$1,000)	
	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)
U.S.-----	3,711	3,158	1,123,508	1,110,097	303	352	(NA)	160,341	<sup>3</sup> 35	<sup>3</sup> 51
The North-----	1,715	1,480	421,440	415,070	246	281	61,761	70,584	36	49
The South-----	1,646	1,373	357,448	346,259	217	252	39,011	52,850	24	39
The West-----	349	306	344,620	348,767	987	1,142	(NA)	36,907	<sup>3</sup> 82	<sup>3</sup> 123
New England-----	56	42	9,315	7,745	164	185	1,414	1,459	25	35
Maine-----	17	13	3,082	2,590	178	201	256	257	15	21
New Hampshire-----	7	5	1,124	903	172	194	118	118	18	25
Vermont-----	12	9	2,945	2,524	243	273	240	275	20	30
Massachusetts-----	11	8	1,142	902	102	113	354	349	30	48
Rhode Island-----	1	1	138	105	99	94	52	51	32	47
Connecticut-----	8	6	884	721	107	119	393	409	44	69
Middle Atlantic-----	197	161	26,731	24,235	135	151	4,879	4,944	25	31
New York-----	82	67	13,490	12,275	164	185	1,971	2,181	23	33
New Jersey-----	15	11	1,379	1,156	89	109	717	782	43	74
Pennsylvania-----	100	83	11,862	10,804	119	130	2,190	1,981	21	30
East North Central-----	666	574	103,386	99,487	155	173	24,737	27,909	37	49
Ohio-----	140	120	18,507	17,619	132	146	4,573	5,221	33	45
Indiana-----	128	108	18,613	17,933	145	166	4,933	5,582	38	52
Illinois-----	155	133	30,327	29,958	196	226	9,580	10,744	64	82
Michigan-----	112	94	14,783	13,599	132	145	2,855	3,182	25	34
Wisconsin-----	131	119	21,156	20,378	161	172	2,796	3,180	21	28
West North Central-----	795	703	282,008	283,603	355	403	30,732	36,272	39	52
Minnesota-----	146	131	30,796	30,805	211	235	4,749	5,125	33	40
Iowa-----	175	154	33,531	33,758	194	219	8,587	9,181	49	60
Missouri-----	169	147	33,155	32,692	197	222	3,727	4,928	22	34
North Dakota-----	55	49	41,466	42,717	755	875	2,141	2,854	39	59
South Dakota-----	56	50	44,851	45,567	805	917	2,277	2,814	41	58
Nebraska-----	90	80	47,756	47,793	528	596	4,234	5,232	47	66
Kansas-----	104	92	50,153	50,271	481	544	5,017	6,138	49	68
South Atlantic-----	592	468	83,341	76,975	141	164	12,832	16,449	22	35
Delaware-----	5	4	763	717	146	163	180	235	35	60
Maryland-----	25	21	3,457	3,181	138	153	982	1,349	39	67
Virginia-----	98	80	13,126	12,002	135	149	1,819	2,301	18	29
West Virginia-----	44	35	6,063	5,279	138	153	450	479	10	14
North Carolina-----	191	148	15,888	14,397	83	97	2,949	3,691	15	25
South Carolina-----	78	56	9,149	8,101	117	144	1,226	1,403	14	26
Georgia-----	106	83	19,658	17,887	185	215	1,908	2,542	18	30
Florida-----	45	41	15,237	15,411	338	380	3,317	4,449	74	110
East South Central-----	563	468	69,285	64,509	121	138	7,855	10,354	14	22
Kentucky-----	151	133	17,031	16,265	113	122	2,305	2,983	14	22
Tennessee-----	158	133	16,081	15,266	102	114	2,095	2,814	13	21
Alabama-----	116	93	16,543	15,226	143	165	1,480	1,902	13	21
Mississippi-----	138	109	18,630	17,752	135	163	1,974	2,655	13	25
West South Central-----	491	436	205,825	204,776	419	469	18,324	26,046	37	60
Arkansas-----	95	80	16,459	16,574	173	207	1,797	2,935	17	38
Louisiana-----	74	62	10,347	10,411	139	167	1,766	2,413	21	41
Oklahoma-----	95	89	35,801	36,077	378	407	3,002	4,366	32	51
Texas-----	227	205	143,218	141,714	631	691	11,759	16,332	52	80
Mountain-----	149	134	264,428	267,896	1,774	1,998	10,878	13,652	73	102
Montana-----	29	27	64,051	65,834	2,213	2,437	2,223	2,790	77	105
Idaho-----	34	30	15,232	15,301	452	516	1,701	2,022	51	70
Wyoming-----	10	9	36,200	36,819	3,715	4,100	774	1,043	79	118
Colorado-----	33	30	38,787	38,258	1,162	1,284	2,053	2,687	61	92
New Mexico-----	16	14	46,293	47,647	2,908	3,354	1,086	1,663	58	122
Arizona-----	7	6	40,203	40,559	5,558	6,262	1,951	2,141	270	330
Utah-----	18	16	12,689	12,995	712	816	755	913	42	60
Nevada-----	2	2	10,943	10,483	4,649	4,862	334	393	107	185
Pacific-----	200	172	80,190	80,871	401	472	(NA)	23,255	(NA)	135
Washington-----	52	46	18,717	19,053	363	418	2,455	2,931	44	66
Oregon-----	43	40	21,236	20,509	499	516	1,857	2,349	44	60
California-----	99	81	36,888	36,996	372	458	13,026	17,468	131	216
Alaska-----	(Z)	(Z)	888	1,959	2,421	5,129	18	18	47	47
Hawaii-----	6	5	2,461	2,354	394	484	(NA)	489	(NA)	101

NA Not available. Z Less than 500.

<sup>1</sup> Based on average value per acre for farms in sample for which value of land and buildings was reported.

<sup>2</sup> Average for farms reporting value of land and buildings. <sup>3</sup> Excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, Vol. I.

## No. 898. FARMS—NUMBER, BY ECONOMIC CLASS, BY STATES: 1964

[Preliminary. Based on reports for a sample of farms. For composition of regions, see fig. I, p. xii. Totals for commercial farms and for other farms are given in table 900. For definition of commercial farm, see text, p. 603]

STATE	All farms	COMMERCIAL FARMS BY VALUE OF FARM PRODUCTS SOLD						OTHER FARMS		
		\$50 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$39,999	\$40,000 and over	Part-time	Part-retirement	Abnormal
<b>U.S.</b>	3,157,854	348,272	443,918	504,614	467,096	259,899	141,910	639,409	350,558	2,178
North	1,479,581	89,490	211,755	300,036	311,318	161,613	62,875	218,800	122,927	767
South	1,372,732	235,424	197,047	163,410	112,545	65,537	45,885	350,400	201,886	598
West	305,541	23,358	35,116	41,168	43,233	32,749	33,150	70,209	25,745	813
<b>N.E.</b>	41,957	2,801	3,799	5,249	6,747	5,412	4,271	8,885	4,677	116
Maine	12,875	1,022	966	1,040	1,366	1,464	2,052	3,245	1,699	21
N. H.	4,648	353	458	550	618	432	245	1,338	637	17
Vt.	9,247	452	896	1,666	2,385	1,410	359	1,383	683	13
Mass.	8,019	496	853	1,166	1,339	1,035	760	1,484	845	41
R. I.	1,100	85	111	134	155	162	101	243	102	7
Conn.	6,068	393	515	693	884	909	754	1,192	711	17
<b>M.A.</b>	160,237	11,081	18,545	24,714	30,520	17,522	7,273	34,725	15,688	169
N. Y.	66,510	3,568	7,424	11,147	14,544	8,375	3,318	12,415	5,665	54
N. J.	10,641	712	1,164	1,399	1,897	1,857	1,288	1,422	878	24
Pa.	83,086	6,801	9,957	12,168	14,079	7,290	2,667	20,888	9,145	91
<b>E.N.C.</b>	573,605	32,409	86,086	109,267	111,163	60,719	21,258	102,316	50,139	248
Ohio	120,381	9,016	18,902	20,302	18,043	9,040	3,113	28,378	13,511	76
Ind.	108,082	6,047	16,882	18,495	18,453	11,402	3,973	22,178	10,606	46
Ill.	132,822	5,414	14,421	23,010	32,876	25,449	9,966	13,320	8,323	43
Mich.	93,504	6,231	15,848	15,298	13,374	7,023	2,413	23,683	9,603	31
Wis.	118,816	5,701	20,033	32,162	28,417	7,805	1,793	14,757	8,096	52
<b>W.N.C.</b>	703,782	43,199	103,325	160,806	162,888	77,960	30,073	72,874	52,423	234
Minn.	131,163	8,665	20,968	33,872	31,410	11,384	3,438	13,378	8,021	27
Iowa	154,162	4,091	15,390	31,546	46,287	29,073	11,150	9,345	7,215	65
Mo.	147,315	17,257	24,888	23,778	17,849	7,888	3,425	31,565	20,633	32
N. Dak.	48,836	2,520	7,558	15,388	13,944	4,777	1,265	1,886	1,473	25
S. Dak.	49,703	2,374	7,577	14,671	13,638	5,181	1,839	1,940	2,434	49
Nebr.	80,163	3,229	11,322	20,130	20,993	10,766	4,904	4,076	4,724	19
Kans.	92,440	5,063	15,622	21,421	18,767	8,891	4,052	10,684	7,923	17
<b>S.A.</b>	468,377	70,445	65,222	66,287	46,860	25,230	16,567	111,362	66,130	274
Del.	4,401	305	477	537	719	701	713	588	357	4
Md.	20,760	1,644	2,843	2,996	3,100	2,374	1,510	4,186	2,086	21
Va.	80,354	13,578	12,462	9,882	5,536	2,976	1,784	20,089	13,988	59
W. Va.	34,504	7,154	2,494	1,602	973	466	289	13,664	7,837	25
N. C.	148,202	20,449	23,901	28,870	19,705	7,611	3,081	26,816	17,729	40
S. C.	56,248	10,336	8,659	7,597	3,815	1,990	1,486	14,681	7,657	27
Ga.	83,366	11,412	10,057	10,752	9,712	6,654	4,107	19,950	10,663	59
Fla.	40,542	5,567	4,329	4,051	3,300	2,458	3,597	11,388	5,813	39
<b>E.S.C.</b>	468,155	101,684	77,480	49,919	25,848	12,742	8,372	118,456	73,509	145
Ky.	133,038	27,212	26,342	19,496	9,135	2,840	993	26,750	20,228	42
Tenn.	133,446	28,509	23,365	13,804	6,552	2,835	1,287	35,673	21,379	42
Ala.	92,530	20,231	11,437	8,151	5,675	4,020	2,398	26,929	13,659	30
Miss.	109,141	25,732	16,336	8,468	4,486	3,047	3,694	29,104	18,243	31
<b>W.S.C.</b>	436,200	63,295	54,345	47,204	39,837	27,565	20,946	120,582	62,247	179
Ark.	79,898	14,170	8,740	6,598	6,200	5,338	5,301	22,183	11,341	27
La.	62,466	13,156	6,168	4,403	3,845	2,976	2,266	20,181	9,439	32
Okla.	88,726	11,611	13,263	12,822	9,664	4,514	1,684	24,531	10,450	37
Tex.	205,110	24,358	26,174	23,381	20,128	14,737	11,695	53,537	31,017	83
<b>Mt.</b>	134,115	9,985	17,931	22,673	23,550	15,457	10,958	23,408	9,538	615
Mont.	27,020	1,549	3,522	5,518	6,575	3,860	1,569	2,940	1,397	90
Idaho	29,661	1,628	4,080	5,404	5,686	3,514	2,110	5,174	1,964	101
Wyo.	9,038	554	1,259	1,797	1,830	1,245	795	1,005	522	31
Colo.	29,798	2,638	4,139	5,047	5,052	3,557	2,720	4,691	1,915	39
N. Mex.	14,206	1,887	1,623	1,633	1,600	1,264	1,167	3,327	1,644	61
Ariz.	6,477	544	537	585	627	643	1,636	1,343	472	90
Utah	15,759	992	2,504	2,386	1,902	1,111	657	4,532	1,495	180
Nev.	2,156	193	267	303	278	263	304	396	129	23
<b>Pac.</b>	171,426	13,373	17,185	18,495	19,683	17,292	22,192	46,801	16,207	198
Wash.	45,574	3,464	4,252	4,532	5,715	4,969	3,463	14,617	4,537	25
Oreg.	39,757	3,520	4,386	4,180	4,047	3,071	2,301	13,649	4,566	37
Calif.	80,849	5,751	7,821	9,165	9,471	8,961	16,117	16,836	6,615	112
Alaska	382	58	40	24	30	28	33	149	17	3
Hawaii	4,864	580	686	594	420	263	278	1,550	472	21

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, preliminary reports, AC 64-P1.



**No. 899. VALUE OF FARM PRODUCTS SOLD—TOTAL AND PERCENT DISTRIBUTION  
BY ECONOMIC CLASS OF FARM, BY STATES: 1959 AND 1964**

[For composition of regions, see fig. I, p. xii]

STATE	VALUE OF FARM PRODUCTS SOLD (mil. dol.)		VALUE OF FARM PRODUCTS SOLD PER FARM (percent distribution)											
			\$50 to \$2,499		\$2,500 to \$4,999		\$5,000 to \$9,999		\$10,000 to \$19,999		\$20,000 to \$39,999		\$40,000 and over	
	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)
<b>U.S.</b>	30,626	35,306	5.3	3.6	7.4	4.6	15.4	10.3	21.9	18.7	18.4	20.1	31.5	42.6
North.	15,350	17,418	3.9	2.7	7.4	4.5	19.5	12.6	28.8	25.4	20.7	25.1	19.9	29.6
South.	8,916	10,593	9.9	6.3	11.0	6.7	14.9	10.9	16.9	14.9	16.2	17.2	31.0	44.0
West.	6,359	7,296	2.3	1.9	2.5	1.7	6.3	4.1	12.3	8.5	16.2	12.5	60.3	71.3
<b>N.E.</b>	608	717	3.6	2.7	4.1	1.9	10.7	5.4	22.2	13.6	26.0	21.0	33.3	55.4
Maine.	172	256	3.7	1.9	3.8	1.3	9.0	3.0	20.1	7.8	27.7	16.6	35.6	69.4
N.H.	52	49	5.8	4.5	5.8	3.4	13.0	8.1	24.8	18.2	23.6	24.4	27.0	41.4
Vt.	110	115	3.0	2.2	5.9	2.8	19.7	10.9	34.6	30.0	23.6	32.9	13.2	21.2
Mass.	129	139	3.8	3.9	4.2	2.2	8.8	6.0	19.5	13.7	27.1	20.5	36.6	53.7
R.I.	19	19	2.7	4.8	3.1	2.1	7.7	5.3	19.0	12.3	31.9	24.1	35.6	51.5
Conn.	126	139	3.2	2.5	2.3	1.3	6.7	3.6	16.6	9.2	24.6	18.2	46.6	65.2
<b>M.A.</b>	1,741	1,859	4.5	3.6	5.8	3.6	16.0	9.8	28.6	23.6	22.8	25.4	22.4	34.0
N.Y.	774	853	3.8	2.6	5.6	3.2	16.7	9.6	30.4	24.6	22.8	26.6	20.7	33.4
N.J.	241	216	2.4	2.4	2.7	1.9	7.0	4.6	20.8	12.7	28.9	23.8	38.3	54.5
Pa.	726	791	6.0	5.0	7.0	4.6	18.1	11.3	29.2	25.5	20.9	24.6	18.8	29.1
<b>E.N.C.</b>	5,205	6,107	5.0	3.3	8.6	5.2	20.9	13.0	30.3	25.9	19.8	27.0	15.4	25.7
Ohio.	867	1,013	7.6	5.1	10.8	6.8	21.9	14.5	27.7	25.2	17.1	24.1	14.9	24.3
Ind.	942	1,105	5.9	3.8	8.9	5.5	19.2	12.1	30.2	23.9	21.6	28.2	14.2	26.4
Ill.	1,809	2,123	2.4	1.5	4.5	2.5	14.4	8.0	30.9	22.5	26.1	33.0	21.6	32.5
Mich.	626	767	9.2	5.4	12.8	7.5	22.4	14.3	28.0	24.7	15.7	24.8	11.9	23.3
Wis.	961	1,099	4.0	3.0	11.3	6.8	32.9	21.5	33.1	35.8	11.1	18.4	7.6	14.5
<b>W.N.C.</b>	7,796	8,735	2.9	2.2	7.1	4.4	20.0	13.5	28.3	26.3	20.4	24.1	21.2	29.4
Minn.	1,213	1,376	3.5	2.6	8.9	5.7	26.9	18.1	31.6	31.8	16.0	22.0	13.1	19.8
Iowa.	2,273	2,597	1.4	1.0	4.0	2.2	15.7	9.1	29.7	25.7	25.5	30.5	23.7	31.5
Mo.	1,009	1,054	7.9	6.2	12.6	8.5	21.5	16.2	24.8	23.7	16.5	20.4	16.6	25.0
N. Dak.	475	571	2.6	1.4	10.1	5.0	28.7	19.9	31.3	34.0	16.1	22.0	11.2	17.6
S. Dak.	512	629	2.9	2.0	9.3	4.5	25.6	17.2	27.9	30.1	18.0	22.1	16.3	24.0
Nebr.	1,199	1,335	1.4	1.2	5.0	3.2	16.6	11.1	26.8	22.2	20.4	21.9	29.8	40.4
Kans.	1,113	1,175	2.8	2.3	6.6	4.9	17.5	13.3	25.7	22.4	20.9	20.6	26.5	36.5
<b>S.A.</b>	3,270	4,144	9.3	4.9	11.6	5.7	17.0	11.4	17.3	15.8	14.9	16.8	30.0	45.3
Del.	85	108	2.1	1.4	2.4	1.6	7.9	3.7	16.9	9.6	25.7	18.5	45.0	65.1
Md.	233	276	4.7	3.2	5.7	3.7	12.9	7.8	24.5	16.2	25.4	23.9	26.9	45.2
Va.	429	471	13.2	8.8	13.5	9.5	15.3	14.7	17.6	16.3	17.5	17.5	22.9	33.2
W. Va.	101	92	21.2	19.0	12.5	9.4	13.9	12.2	17.9	14.7	13.0	13.6	21.5	31.0
N.C.	797	1,068	11.6	5.3	19.9	8.2	28.9	19.5	20.1	25.5	10.3	19.3	9.2	22.2
S.C.	307	349	14.4	7.7	15.4	9.0	20.6	15.3	16.7	15.2	14.1	15.9	18.9	37.0
Ga.	608	826	8.9	4.1	10.7	4.4	17.6	9.4	21.6	16.8	19.1	22.4	22.1	43.0
Fla.	710	954	3.1	1.8	3.1	1.6	5.4	3.0	8.0	4.9	10.9	7.2	69.5	81.5
<b>E.S.C.</b>	1,973	2,384	17.6	11.2	17.3	11.5	17.5	14.6	15.7	15.0	11.9	14.8	19.9	32.9
Ky.	520	592	16.9	12.7	20.3	16.0	23.6	22.9	26.0	21.0	11.1	12.9	8.1	14.6
Tenn.	474	529	21.6	15.6	22.1	15.6	20.9	18.0	16.0	17.0	9.5	14.5	9.9	19.2
Ala.	415	537	16.9	9.0	13.5	7.5	15.0	10.8	16.2	15.1	17.3	20.8	21.2	36.8
Miss.	564	725	15.6	8.4	13.4	7.9	10.9	8.0	11.0	8.7	10.8	11.9	38.4	55.0
<b>W.S.C.</b>	3,673	4,065	6.3	5.0	7.2	4.8	11.6	8.3	17.2	14.0	19.7	19.0	37.9	49.1
Ark.	643	830	7.6	4.4	7.9	3.8	10.9	5.7	16.1	10.7	18.6	18.1	38.9	57.4
La.	329	407	12.5	7.2	9.6	5.3	11.4	7.7	15.9	13.6	17.6	20.5	32.9	45.7
Ok'a.	582	601	7.6	6.9	10.5	8.0	19.6	15.3	25.1	22.6	18.4	20.3	18.7	27.0
Tex.	2,118	2,227	4.6	4.3	5.7	4.2	9.7	7.5	15.6	12.9	20.7	18.7	43.7	52.5
<b>Mt.</b>	2,354	2,537	2.7	2.7	3.3	2.6	8.9	6.5	17.3	13.2	19.6	16.9	48.2	58.1
Mont.	379	390	2.4	2.3	4.0	3.3	12.8	10.4	24.2	24.0	27.5	27.0	29.1	33.0
Idaho.	459	478	2.5	1.9	4.4	3.1	12.7	8.3	24.1	16.9	23.3	20.2	32.9	49.5
Wyo.	161	151	2.0	2.0	3.3	3.1	9.2	8.8	19.4	17.1	22.0	22.8	44.2	46.3
Colo.	582	612	1.7	1.6	3.0	2.5	8.1	6.0	17.2	11.8	19.4	16.1	50.6	62.0
N. Mex.	196	227	4.0	4.2	3.5	2.6	6.6	5.2	13.4	10.1	20.1	16.0	52.4	62.1
Ariz.	382	468	3.6	3.6	0.6	0.4	1.3	0.9	3.3	1.9	6.9	4.0	84.3	89.2
Utah.	159	159	5.3	5.9	6.8	5.7	14.4	10.7	21.7	16.8	19.8	19.3	32.0	41.4
Nev.	57	51	2.5	3.2	1.7	1.9	4.3	4.2	7.2	7.6	15.0	14.6	69.3	68.6
<b>Pac.</b>	4,005	4,759	2.1	1.5	2.1	1.3	4.8	2.8	9.4	5.9	14.2	10.2	67.4	78.3
Wash.	571	637	4.0	3.2	3.6	2.4	8.5	5.2	17.8	13.0	23.6	22.0	42.5	54.3
Oreg.	416	428	4.8	4.0	4.8	3.7	9.7	7.0	17.2	13.5	21.3	20.0	42.3	51.8
Calif.	2,863	3,502	1.3	0.9	1.4	0.8	3.5	2.0	6.8	3.9	11.8	7.3	75.2	85.3
Alaska.	3	4	6.0	5.9	3.1	3.6	7.1	4.7	19.2	11.7	30.4	21.2	34.2	52.8
Hawaii.	152	188	2.2	1.3	2.1	1.2	3.3	2.1	4.3	2.9	3.6	3.4	84.4	89.1

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, Vol. I.



## No. 900. FARMS—NUMBER, BY TYPE, BY STATES: 1964

[Preliminary. Based on reports for a sample of farms. In general, a farm was classified as a particular type if its sales of a particular product or group of products amounted to 50 percent or more of total value of farm products sold. For definition of commercial farm, see text, p. 603. For composition of regions, see fig. I, p. xii]

STATE	All farms	COMMERCIAL FARMS										Other farms <sup>3</sup>
		Total <sup>1</sup>	Cash grain	Cotton	Other field crop	Vegetable	Fruit and nut	Dairy	Poultry	Livestock <sup>2</sup>	General	
U.S....	3,157,854	2,165,709	404,253	164,076	35,130	23,206	57,255	366,967	82,120	580,810	201,980	992,145
Percent...	100.0	68.6	12.8	5.2	1.1	0.7	1.8	11.6	2.6	18.4	6.4	31.4
North...	1,379,581	1,137,087	309,860	3,484	7,996	9,005	12,236	286,765	28,884	348,876	98,840	342,494
South...	1,472,732	819,848	66,438	154,336	18,184	9,137	12,595	57,982	46,998	168,017	78,779	552,884
West...	305,541	208,774	27,955	6,256	8,950	5,064	32,424	22,220	6,238	63,917	24,361	96,767
N.E....	41,957	28,279	60	(X)	2,146	844	1,345	13,029	4,161	1,534	1,564	13,678
Maine...	12,875	7,910	53	(X)	1,908	98	418	2,039	1,656	425	455	4,965
N.H....	4,648	2,656	1	(X)	24	59	120	1,300	433	185	203	1,992
Vt....	9,247	7,163	1	(X)	22	34	61	5,848	152	276	413	2,079
Mass...	8,019	5,649	1	(X)	98	414	562	1,994	871	337	279	2,370
R.I....	1,100	748	-	(X)	43	57	28	243	126	53	33	352
Conn...	6,068	4,148	4	(X)	51	182	156	1,605	923	258	181	1,920
M.A....	160,237	109,655	5,343	(X)	1,480	3,485	4,311	59,666	8,218	9,910	9,079	50,582
N.Y....	66,510	48,376	1,569	(X)	718	1,430	2,639	31,195	1,993	2,565	3,472	18,134
N.J....	10,641	8,317	421	(X)	252	1,469	610	1,908	1,571	419	416	2,324
Pa....	83,086	52,962	3,353	(X)	510	586	1,062	26,563	4,654	6,926	5,191	30,124
E.N.C....	573,605	420,902	131,424	14	1,855	4,022	6,091	129,832	9,521	93,281	31,775	152,703
Ohio...	120,381	78,416	23,105	(X)	227	822	865	17,823	2,760	19,966	8,436	41,965
Ind....	108,082	75,252	29,975	(X)	102	409	267	8,964	2,801	24,075	6,393	32,830
Ill....	132,822	111,136	60,449	14	28	419	280	9,025	1,008	31,971	6,361	21,686
Mich...	93,504	60,187	15,418	(X)	1,027	1,335	4,181	20,230	1,734	8,725	5,287	33,317
Wis....	118,816	95,911	2,477	(X)	471	1,037	498	73,790	1,218	8,544	5,298	22,905
W.N.C....	703,782	578,251	173,033	3,470	2,515	654	489	84,238	6,984	244,151	56,422	125,531
Minn...	131,163	109,737	25,656	(X)	1,153	274	100	42,474	1,974	23,358	13,278	21,426
Iowa...	154,162	137,537	36,671	(X)	33	115	62	12,961	1,529	72,602	12,852	16,625
Mo....	147,315	95,085	19,229	3,470	41	143	247	14,491	1,870	45,948	7,065	52,230
N.Dak...	48,836	45,452	28,621	(X)	726	3	3	2,418	212	8,914	4,359	3,384
S. Dak...	49,703	45,280	7,999	(X)	56	14	6	3,759	470	27,857	4,857	4,423
Nebr...	80,163	71,344	23,004	(X)	436	30	11	3,298	413	37,249	6,524	8,819
Kans...	92,440	73,816	31,853	(X)	70	75	60	4,837	516	28,223	7,487	18,624
S.A....	468,377	290,611	16,669	18,804	8,230	4,440	9,645	18,619	24,250	36,667	30,030	177,766
Del....	4,401	3,452	946	(X)	48	102	21	454	1,494	111	176	949
Md....	20,760	14,467	2,055	(X)	46	352	129	3,923	1,846	1,599	1,068	6,293
Va....	80,354	46,218	2,817	73	2,233	418	719	5,459	2,198	9,468	3,834	34,136
W. Va...	34,504	12,978	253	(X)	43	66	452	1,950	1,102	5,879	902	21,526
N.C....	148,202	103,617	5,308	3,108	1,858	814	514	3,606	5,685	5,725	7,965	44,585
S.C....	56,248	33,883	2,417	8,485	99	565	198	997	1,052	2,676	3,689	22,365
Ga....	83,366	52,694	2,129	6,955	3,031	556	237	1,652	9,859	7,377	10,982	30,672
Fla....	40,542	23,302	744	183	872	1,567	7,375	578	1,014	3,832	1,414	17,240
E.S.C....	468,155	276,045	12,785	73,835	2,807	1,506	969	25,619	11,288	47,402	27,198	192,110
Ky....	133,038	86,018	3,344	48	126	130	250	10,011	836	15,268	10,120	47,020
Tenn...	133,446	76,352	3,451	16,072	197	501	208	10,133	1,707	14,982	8,611	57,094
Ala....	92,530	51,912	3,022	22,142	2,190	573	135	1,414	5,884	7,898	5,404	40,618
Miss...	109,141	61,763	2,968	35,573	294	302	376	4,061	2,861	9,254	3,063	47,378
W.S.C....	436,200	253,192	36,984	61,697	7,147	3,191	1,981	13,744	11,460	83,948	21,551	183,008
Ark....	79,898	46,347	6,783	14,385	102	735	475	3,064	5,506	10,742	2,016	33,551
La....	62,466	32,814	4,236	11,066	2,776	486	735	2,403	920	5,910	1,554	29,652
Okla...	88,726	53,558	13,059	2,898	1,746	172	205	3,410	823	22,397	6,934	35,168
Tex....	205,110	120,473	12,906	33,348	2,523	1,798	566	4,867	4,211	44,899	11,047	84,637
Mt....	134,115	100,554	18,177	2,997	5,799	773	1,678	9,723	1,304	43,029	13,938	33,561
Mont...	27,020	22,593	8,600	(X)	684	16	73	712	142	10,440	1,542	4,427
Idaho...	29,661	22,422	3,891	(X)	3,110	90	220	4,535	191	5,521	4,349	7,239
Wyo....	9,038	7,480	685	(X)	370	5	2	395	40	5,029	781	1,558
Colo...	29,798	23,153	3,827	(X)	1,149	300	479	1,386	285	11,057	3,870	6,645
N.Mex...	14,206	9,174	441	1,716	163	83	220	296	94	4,719	1,038	5,032
Ariz...	6,477	4,572	193	1,264	19	164	363	233	135	1,460	449	1,905
Utah...	15,759	9,552	514	(X)	294	97	319	2,038	410	3,873	1,493	6,207
Nev....	2,156	1,608	26	17	10	18	2	128	7	930	416	548
Pac....	171,426	108,220	9,778	3,259	3,151	4,291	30,746	12,497	4,934	20,888	10,423	63,206
Wash...	45,574	26,395	5,064	(X)	918	751	4,679	4,060	893	5,246	2,871	19,179
Oreg...	39,757	21,505	1,974	(X)	708	797	2,920	2,666	773	6,309	3,423	18,252
Calif...	80,849	57,286	2,731	3,259	852	2,323	22,458	5,643	3,104	8,733	4,079	23,563
Alaska...	382	213	8	(X)	26	5	-	62	16	45	32	169
Hawaii...	4,864	2,821	1	(X)	647	415	689	66	148	555	18	2,043

- Represents zero. X Not applicable.

<sup>1</sup> Includes 249,912 tobacco farms and other miscellaneous commercial farms not shown separately.

<sup>2</sup> Excludes dairy and poultry farms; includes ranches.

<sup>3</sup> Part-time, part-retirement, and abnormal farms. For definition, see source.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1964, preliminary reports, Series AC 64-P1.

# No. 901. VALUE OF ALL FARM PRODUCTS SOLD, BY SOURCE OF INCOME, 1959 AND 1964, AND BY STATES, 1964

[In thousands of dollars. For 1959, dairy products and livestock sold alive based on a sample of farms for all States except Alaska and Hawaii]

YEAR AND STATE	All farm products sold <sup>1</sup>	Field crops <sup>2</sup>	Vegetables	Fruits and nuts	Horticultural specialties <sup>3</sup>	Dairy products	Poultry and poultry products	Livestock and livestock products <sup>4</sup>
1959	30,492,721	10,492,816	739,626	1,398,423	802,724	4,021,591	2,257,822	10,779,718
1964								
U.S.	435,305,964	12,873,993	987,259	1,672,863	881,405	4,637,921	3,064,056	11,147,738
N.E.	716,750	185,958	14,537	28,623	55,243	231,877	161,573	37,216
Maine	256,005	127,032	2,900	6,116	7,678	82,017	73,453	6,487
N.H.	48,860	2,130	1,094	2,515	3,957	20,536	14,623	3,742
Vt.	115,354	5,657	378	2,134	4,981	86,701	4,819	10,175
Mass.	138,613	15,695	6,594	13,242	20,069	46,618	26,437	9,672
R.I.	18,528	3,450	527	463	3,445	5,837	3,695	1,050
Conn.	139,390	31,984	3,044	4,153	15,173	40,168	38,546	6,090
M.A.	1,859,247	218,293	94,413	106,056	148,423	824,439	257,032	205,957
N.Y.	852,755	97,429	44,014	56,750	50,237	447,090	81,752	73,086
N.J.	215,607	20,655	36,883	22,050	28,210	48,986	43,996	14,383
Pa.	790,885	100,209	13,516	27,256	69,976	328,363	131,284	118,488
E.N.C.	6,106,676	2,236,128	100,760	103,756	157,691	1,244,703	328,720	1,929,232
Ohio	1,012,533	336,055	23,470	13,012	55,274	192,355	85,147	306,057
Ind.	1,105,436	458,377	9,994	5,584	19,944	107,375	101,809	401,594
Ill.	2,122,814	1,075,336	16,828	6,276	30,216	132,565	42,638	817,686
Mich.	767,198	238,527	25,928	69,493	32,185	208,292	45,631	145,861
Wis.	1,098,695	127,833	24,540	9,391	20,072	604,116	53,495	258,034
W.N.C.	8,735,229	2,877,732	17,559	8,556	47,158	775,393	343,781	4,661,534
Minn.	1,375,690	447,543	10,210	1,348	11,915	311,026	105,587	487,149
Iowa	2,597,391	719,615	2,562	933	11,933	179,245	97,491	1,585,032
Mo.	1,053,642	384,513	2,917	4,546	13,108	102,286	64,365	480,804
N. Dak.	570,527	373,247	59	37	810	31,725	8,341	156,182
S. Dak.	628,800	144,362	145	61	762	40,701	24,441	418,032
Nebr.	1,334,527	368,326	405	320	2,623	48,721	25,220	888,718
Kans.	1,174,652	440,126	1,261	1,311	6,007	61,689	18,336	645,617
S.A.	4,143,944	1,652,522	203,620	458,657	171,323	395,746	797,836	459,784
Del.	107,631	17,906	5,202	926	3,399	6,927	70,212	3,010
Md.	275,831	66,644	10,864	4,833	10,621	71,599	80,657	30,147
Va.	470,737	181,538	10,840	17,538	19,706	75,952	70,253	94,010
W. Va.	92,492	6,667	506	10,814	4,918	18,177	22,532	28,595
N.C.	1,068,321	723,011	10,154	6,660	22,629	61,364	171,207	72,643
S.C.	349,138	226,504	11,508	6,892	10,967	25,606	37,070	30,250
Ga.	826,280	316,507	8,892	9,353	32,672	50,064	289,725	118,139
Fla.	953,514	113,745	145,654	401,641	66,411	86,057	56,180	82,990
E.S.C.	2,383,508	1,231,522	16,569	12,198	55,586	238,063	358,912	469,088
Ky.	592,119	300,624	1,697	2,242	8,168	77,783	19,928	181,204
Tenn.	529,448	257,251	7,230	2,690	15,874	76,184	41,798	123,000
Ala.	537,080	213,809	5,483	2,145	21,861	37,931	170,493	84,858
Miss.	724,861	459,838	2,159	5,121	9,683	46,165	126,693	75,026
W.S.C.	4,065,356	2,162,374	51,733	24,044	40,692	248,563	398,456	1,132,030
Ark.	830,495	529,874	4,310	6,133	6,233	26,399	195,330	61,732
La.	406,833	267,021	2,589	5,354	7,465	47,273	30,420	46,313
Okla.	600,689	243,625	2,413	2,921	7,230	47,002	21,678	275,482
Tex.	2,227,339	1,121,854	42,421	9,636	19,764	127,889	151,028	748,503
Mt.	2,536,597	900,415	83,086	40,269	28,609	169,370	55,435	1,253,082
Mont.	389,709	169,626	250	498	2,004	12,410	3,488	200,821
Idaho	478,167	253,814	4,732	5,822	2,320	44,420	7,842	168,870
Wyo.	151,440	30,178	121	11	420	5,656	889	112,921
Colo.	612,114	153,889	12,398	5,268	10,876	34,374	12,684	380,918
N. Mex.	226,673	81,983	3,292	3,813	1,459	13,776	4,133	117,902
Ariz.	468,433	175,245	59,382	21,799	9,358	25,084	7,167	168,906
Utah	158,783	26,820	2,332	3,047	1,836	27,191	19,095	78,150
Nev.	51,278	8,860	579	11	336	6,459	137	34,594
Pac.	4,758,660	1,409,048	404,985	890,706	176,679	509,773	362,312	999,816
Wash.	637,270	240,684	22,721	96,821	20,689	76,455	36,720	142,443
Oreg.	428,256	135,594	29,306	45,872	21,700	41,847	27,909	125,544
Calif.	3,501,806	893,472	348,217	741,962	131,496	377,651	287,666	717,319
Alaska	3,771	790	118	1	58	2,041	266	427
Hawaii	187,557	138,508	4,623	6,050	2,736	11,779	9,715	14,083

<sup>1</sup> 1964 includes recreation income from hunting, fishing, and other recreational services not shown separately.

<sup>2</sup> Other than vegetables and fruits and nuts. <sup>3</sup> Includes forest products.

<sup>4</sup> Other than dairy and poultry.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, preliminary reports.



# No. 902. FARMS—NUMBER, ACREAGE, AND VALUE, BY TENURE OF OPERATOR: 1940 TO 1964

[1950 data for value of farms and all 1954, 1959, and 1964 data based on reports for a sample of farms. See also *Historical Statistics, Colonial Times to 1957*, series K 8-52]

ITEM	All farms	Full owner	Part owner	Manager	TENANT	
					Cash	Other
NUMBER OF FARMS						
United States: <sup>1</sup> 1940.....	6, 096, 799	3, 084, 138	615, 039	36, 351	514, 438	1, 846, 833
1950.....	5, 382, 162	3, 089, 583	824, 923	23, 527	212, 790	1, 231, 339
1954.....	4, 783, 021	2, 744, 708	868, 180	20, 894	160, 131	989, 108
1959.....	3, 710, 503	2, 118, 783	811, 079	20, 668	(NA)	(NA)
1964 (prel.).....	3, 157, 864	1, 818, 265	781, 882	17, 796	(NA)	(NA)
The South: 1940.....	3, 007, 170	1, 327, 690	216, 607	13, 580	254, 351	1, 194, 942
1950.....	2, 652, 423	1, 411, 123	325, 999	9, 979	119, 855	785, 467
1954.....	2, 317, 296	1, 275, 226	351, 016	9, 571	88, 782	592, 701
1959.....	1, 645, 949	942, 264	313, 514	9, 203	(NA)	(NA)
1964 (prel.).....	1, 372, 731	808, 501	303, 611	7, 120	(NA)	(NA)
Nonwhite: 1940.....	680, 266	141, 902	31, 361	365	64, 684	441, 954
1950.....	559, 090	141, 482	51, 864	239	39, 562	325, 943
1954.....	463, 476	129, 854	50, 736	381	28, 148	254, 357
1959.....	265, 621	89, 749	37, 534	290	14, 855	123, 193
1964 (prel.).....	184, 578	70, 799	31, 263	145	12, 140	70, 237
LAND IN FARMS (1,000 acres)						
United States: <sup>1</sup> 1940.....	1, 060, 852	382, 098	300, 325	66, 530	74, 889	237, 010
1950.....	1, 158, 566	418, 970	422, 394	105, 241	42, 203	169, 757
1954.....	1, 160, 044	397, 214	472, 465	100, 003	36, 960	153, 402
1959.....	1, 123, 508	348, 596	498, 275	109, 848	(NA)	(NA)
1964 (prel.).....	1, 110, 097	(NA)	(NA)	(NA)	(NA)	(NA)
AVERAGE VALUE OF FARMS (land and buildings)						
United States: <sup>1</sup> 1940.....	\$5, 518	\$4, 960	\$9, 938	\$39, 687	\$4, 330	\$4, 636
1950.....	13, 911	10, 716	25, 133	128, 255	11, 753	(NA)
1954.....	19, 761	14, 511	35, 764	165, 800	16, 184	(NA)
1959.....	33, 173	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Prior to 1959, excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II and 1964, preliminary reports, Series AC 64-P1.

# No. 903. COMMERCIAL FERTILIZERS—QUANTITIES COMSUMED AND AVERAGE PRIMARY PLANT NUTRIENT CONTENT: 1940 TO 1965

[Quantity in thousands of tons. For years beginning July 1, except as noted. Includes Puerto Rico. Includes fertilizers distributed by Government agencies. See *Historical Statistics, Colonial Times to 1957*, series K 160, for related but not comparable data]

YEAR	ALL FERTILIZERS <sup>1</sup>				MIXED FERTILIZERS				Other fertilizers <sup>2</sup> (quantity)
	Quan- tity	Percent			Quan- tity	Percent			
		Nitrogen	Phos- phoric oxide	Potash		Nitrogen	Phos- phoric oxide	Potash	
1940 <sup>3</sup> -----	8, 556	4.9	10.7	5.1	5, 513	3.8	9.6	6.5	100
1950-----	20, 345	6.1	10.4	6.8	13, 978	4.2	11.0	9.0	646
1955-----	21, 404	9.0	10.5	8.8	14, 776	5.4	12.1	11.2	790
1956-----	21, 766	9.8	10.6	8.9	14, 703	5.7	12.4	11.4	943
1957-----	21, 576	10.6	10.6	9.0	14, 353	6.0	12.5	11.7	940
1958-----	24, 085	11.1	10.7	9.1	16, 069	6.2	12.7	11.9	1, 223
1959-----	23, 499	11.7	11.0	9.2	15, 650	6.5	13.0	12.1	1, 378
1960-----	24, 374	12.4	10.9	8.9	15, 735	6.8	13.2	12.0	1, 194
1961-----	25, 305	13.3	11.1	9.0	16, 205	7.1	13.7	12.2	1, 310
1962-----	27, 386	14.3	11.2	9.1	17, 157	7.4	14.4	12.5	1, 459
1963-----	29, 206	14.9	11.6	9.3	18, 092	7.6	15.0	12.7	1, 475
1964-----	30, 315	15.3	11.6	9.4	18, 559	7.8	15.2	12.4	1, 521
1965 (prel.)--	32, 790	16.2	11.7	9.6	19, 447	8.0	15.9	12.6	1, 471

<sup>1</sup> Products containing primary nutrients.

<sup>2</sup> Products not guaranteed to contain 1 or more primary nutrients. Includes gypsum. Excludes liming materials.

<sup>3</sup> Calendar year.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.



No. 904. IRRIGATION ORGANIZATIONS—SUMMARY: 1920 TO 1959

[Data are for 17 Western States (Alaska and Hawaii excluded, except as noted) and Louisiana. Relates to multiple farm organizations only. Based on reports of management of organizations. An organization is defined as a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for irrigation of farm or ranch lands. It may be a formal legal arrangement or an informal cooperative arrangement]

ITEM	1920	1930	1940	1950	1959
Approximate land area <sup>1</sup> .....mil. acres..	1,159	1,159	1,195	1,195	1,193
Farms (irrigated and nonirrigated) <sup>1</sup> .....1,000..	1,689	1,826	1,686	1,436	1,050
Land in all farms <sup>1</sup> .....mil. acres..	491	555	613	702	717
Irrigation organizations:					
Organizations.....number..	(NA)	4,373	5,583	10,491	<sup>1</sup> 8,765
Area irrigated.....mil. acres..	12	13	16	15	<sup>1</sup> 18
Investment in irrigation organizations.....mil. dol..	543	705	865	1,385	2,424
Increase over preceding census.....percent..	(NA)	29.8	22.7	60.1	75.0
Average per acre irrigated.....dollars..	44	54	53	92	137

NA Not available. <sup>1</sup> Includes Hawaii.  
Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1920*, Vol. VII; 1930 and 1940, *Irrigation of Agricultural Lands*; and *U.S. Census of Agriculture: 1950*, and 1959, Vol. III.

No. 905. IRRIGATED LAND IN FARMS, BY STATES: 1959 AND 1964

[Figures for acres irrigated represent irrigated cropland harvested plus irrigated pasture. For composition of regions, see fig. I, p. xii. See *Historical Statistics, Colonial Times to 1957*, series J 84-85, for U.S. totals]

STATE	FARMS REPORTING		ACRES IRRIGATED (1,000)		STATE	FARMS REPORTING		ACRES IRRIGATED (1,000)	
	1959	1964 (prel.)	1959	1964 (prel.)		1959	1964 (prel.)	1959	1964 (prel.)
U.S. ....	<sup>1</sup> 307,783	297,522	<sup>1</sup> 33,163	36,978	S.A. ....	18,924	34,140	597	1,406
North..	36,273	38,571	3,357	3,865	Del.....	156	158	16	18
South..	63,011	79,988	7,783	9,816	Md.....	328	467	11	16
West... <sup>1</sup>	208,499	178,963	22,023	23,297	Va.....	1,996	4,454	31	51
N.E. ....	1,618	2,122	31	48	W. Va....	66	84	1	3
Maine..	138	206	2	4	N.C.....	8,537	12,584	66	97
N.H.....	76	159	1	3	S.C.....	1,398	1,337	25	19
Vt.....	72	81	2	2	Ga.....	2,194	6,933	34	65
Mass....	1,093	1,229	20	24	Fla.....	4,249	8,123	414	1,139
R.I.....	34	66	(Z)	1	E.S.C. ....	3,253	4,978	137	162
Conn....	205	381	5	14	Ky.....	1,130	2,715	9	16
M.A. ....	4,430	4,932	148	198	Tenn....	1,005	1,088	11	11
N.Y.....	1,741	1,917	58	79	Ala.....	328	318	17	12
N.J.....	1,902	2,009	74	96	Miss....	790	857	100	123
Pa.....	787	1,006	17	23	W.S.C. ....	40,834	40,870	7,050	8,248
E.N.C. ....	3,934	4,508	111	163	Ark.....	5,652	6,222	712	975
Ohio....	575	756	12	18	La.....	4,817	4,844	485	581
Ind.....	480	562	17	17	Okla....	2,481	2,676	198	303
Ill.....	332	336	10	16	Tex.....	27,884	27,128	5,656	6,390
Mich....	1,909	2,041	40	49	Mt. ....	96,094	86,084	12,095	12,811
Wis.....	638	813	32	62	Mont....	11,935	10,843	1,875	1,893
W.N.C. ....	26,291	27,009	3,066	3,456	Idaho....	25,383	22,251	2,577	2,801
Minn....	387	475	15	18	Wyo.....	6,412	5,923	1,470	1,571
Iowa....	313	316	18	22	Colo....	20,312	18,316	2,685	2,690
Mo.....	590	825	30	59	N. Mex....	8,850	8,274	732	813
N. Dak..	471	443	48	51	Ariz.....	5,391	4,697	1,152	1,125
S. Dak..	1,002	1,005	116	130	Utah....	15,701	13,762	1,062	1,093
Nebr....	18,936	18,836	2,078	2,171	Nev.....	2,110	2,018	543	825
Kans....	4,592	5,109	762	1,004	Pac. ....	<sup>1</sup> 112,405	92,879	<sup>1</sup> 9,928	10,486
					Wash....	19,292	16,488	1,007	1,150
					Oreg.....	17,724	15,869	1,384	1,607
					Calif....	74,138	59,442	7,396	7,584
					Alaska..	(NA)	10	(NA)	(Z)
					Hawaii..	1,251	1,070	141	144

NA Not available. Z Less than 500 acres. <sup>1</sup> Excludes Alaska.  
Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II and 1964, preliminary reports, Series AC 64-P1.

## No. 906. FEDERAL IRRIGATION PROJECTS: 1949 TO 1965

[Acreage in thousands; value in millions of dollars. "Full irrigation service" applies to irrigable land receiving its sole irrigation supply through Bureau-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Bureau; "supplemental and temporary irrigation service" applies to irrigable land receiving irrigation water through Bureau projects in addition to supply from nonproject sources and to land for which water is delivered under temporary arrangements]

YEAR	ENTIRE AREA			FULL IRRIGATION SERVICE			SUPPLEMENTAL AND TEMPORARY IRRIGATION SERVICE		
	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value	Irrigable acreage	Irrigated acreage	Gross crop value
1949-----	5,679	4,821	516	3,207	2,646	313	2,472	2,175	203
1950-----	6,025	5,077	578	3,305	2,716	311	2,720	2,361	267
1955-----	7,368	6,262	828	3,826	3,163	429	3,542	3,099	399
1960-----	8,171	6,900	1,158	4,326	3,488	581	3,845	3,412	577
1963-----	8,787	7,418	1,364	4,418	3,612	659	4,369	3,806	705
1964-----	9,037	7,523	1,456	4,458	3,642	700	4,579	3,881	756
1965-----	9,612	8,012	1,557	4,540	3,731	675	5,072	4,281	882

Source: Dept. of the Interior, Bureau of Reclamation; annual report, *Crop Report and Related Data, Federal Reclamation Projects*.

## No. 907. DRAINAGE ENTERPRISES, BY SIZE GROUPS: 1930 TO 1960

[Excludes Alaska and Hawaii]

SIZE GROUP	Number of enterprises, 1960	AREA OF ENTERPRISES <sup>1</sup> (1,000 acres)						
		All drainage States			30 States <sup>2</sup>			
		1930	1940	1960	1930	1940	1950	1960
<b>Total</b> -----	8,461	128,495	132,828	99,098	41,644	45,207	54,618	47,189
Under 100 to 499 acres-----	-	7,349	9,065	-	163	244	604	-
500 to 999 acres-----	2,847	11,130	11,235	1,951	910	954	1,098	1,622
1,000 to 1,999 acres-----	2,081	34,074	14,558	2,831	4,999	1,726	1,962	2,459
2,000 to 4,999 acres-----	1,588		20,511	4,883		3,961	4,102	4,401
5,000 to 9,999 acres-----	728	15,865	16,388	5,082	4,485	4,543	4,528	4,631
10,000 to 19,999 acres-----	499	35,076	16,964	6,963	14,769	6,042	6,004	5,974
20,000 to 49,999 acres-----	320		20,142	9,795		10,048	7,921	7,617
50,000 to 99,999 acres-----	152	11,404	10,760	10,631	6,304	6,816	6,085	6,091
100,000 to 199,999 acres-----	246	10,219	5,925	56,912	10,014	3,794	3,566	14,394
200,000 to 499,999 acres-----			3,155			2,955	6,576	
500,000 acres and over-----			4,124			4,124	12,172	

- Represents zero. <sup>1</sup> Includes some duplication for some areas in more than 1 enterprise (overlapped).

<sup>2</sup> For 1960, 29 States; largely States with organized drainage districts and other corporate and private enterprises. See text, p. 604.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. IV.

## No. 908. GROWTH OF CONSERVATION DISTRICTS: 1950 TO 1966

[For years ending June 30. Includes Puerto Rico and Virgin Islands]

YEAR	NUMBER ORGANIZED		WITH SUPPLEMENTAL MEMORANDUM <sup>1</sup>		AREA IN DISTRICTS (1,000 acres)	
	Each year	Cumulative total	Each year	Cumulative total	New and additions	Cumulative total
1950-----	121	2,285	133	2,207	74,721	1,253,484
1955-----	56	2,674	63	2,644	43,478	1,484,974
1960-----	6	2,867	23	2,837	10,004	1,671,973
1963-----	13	2,942	38	2,898	13,077	1,718,857
1964-----	29	2,971	10	2,908	20,351	1,739,208
1965-----	18	2,989	13	2,921	14,073	1,753,281
1966-----	6	2,995	19	2,940	15,711	1,768,992

<sup>1</sup> Signed for assistance from Soil Conservation Service.

Source: Dept. of Agriculture, Soil Conservation Service; *Report of Administrator of Soil Conservation Service*, and unpublished data.



## NO. 909. BALANCE SHEET OF AGRICULTURE: 1940 TO 1967

[In billions of dollars. As of January 1. Excludes Alaska and Hawaii]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966	1967 (prel.)
<b>Assets</b> .....	52.9	94.2	132.5	165.1	203.9	229.2	237.9	255.0	273.3
Physical assets:									
Real estate.....	33.6	53.9	75.3	98.2	129.9	150.7	159.4	171.1	184.2
Non-real-estate:									
Livestock <sup>1</sup> .....	5.1	9.0	12.9	11.2	15.6	15.7	14.4	17.5	66.5
Machinery and motor vehicles.....	3.1	6.5	12.2	18.6	22.3	24.1	25.7	27.1	
Crops stored on and off farms <sup>2</sup> .....	2.7	6.7	7.6	9.6	7.8	9.9	8.9	9.6	
Household furnishings and equipment.....	4.2	5.6	8.6	10.0	9.6	8.8	8.7	8.2	
Financial assets:									
Deposits and currency.....	3.2	7.9	9.1	9.4	9.2	9.2	9.6	10.0	22.6
United States savings bonds.....	.2	3.4	4.7	5.0	4.7	4.2	4.2	4.1	
Investments in cooperatives.....	.8	1.2	2.1	3.1	4.8	6.6	7.0	7.4	
<b>Claims</b> .....	52.9	94.2	132.5	165.1	203.9	229.2	237.9	255.0	273.3
<b>Liabilities</b> .....	10.0	8.3	12.4	17.6	24.9	34.9	37.5	41.6	45.8
Real estate debt.....	6.6	4.9	5.6	8.2	12.1	16.8	18.9	21.2	23.5
Non-real-estate debt to—									
Commodity Credit Corpora- tion <sup>3</sup> .....	.4	.7	1.7	2.2	1.2	1.9	1.5	1.4	.9
Other reporting institutions <sup>4</sup> .....	1.5	1.6	2.8	4.0	6.7	9.5	10.0	11.1	21.4
Nonreporting creditors <sup>5</sup> .....	1.5	1.1	2.3	3.2	4.9	6.7	7.1	7.9	
Proprietors' equities.....	42.9	85.9	120.1	147.5	179.0	194.3	200.4	213.4	227.5

<sup>1</sup> Beginning 1964, excludes horses and mules.<sup>2</sup> Includes all crops held on farms and crops held off farms by farmers as security for Commodity Credit Corporation loans. The latter totaled \$570 million on Jan. 1, 1966.<sup>3</sup> Nonrecourse CCC loans secured by crops owned by farmers are included as assets in this balance sheet.<sup>4</sup> Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.<sup>5</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.Source: Dept. of Agriculture, Economic Research Service; *The Balance Sheet of Agriculture*.

## NO. 910. FARM REAL ESTATE—INDEXES OF AVERAGE VALUE OF LAND AND BUILDINGS PER ACRE, BY STATES: 1940 TO 1967

[1957-59=100. As of March 1]

STATE	1940	1950	1960	1965	1967	STATE	1940	1950	1960	1965	1967
<b>U.S.<sup>1</sup></b> .....	30	65	111	139	160	<b>South Atlantic—Con.</b>					
<b>New England:</b>						Virginia.....	30	62	109	135	159
Maine.....	51	71	111	128	141	West Virginia.....	44	72	110	131	139
New Hampshire.....	56	80	114	133	154	North Carolina.....	26	65	106	141	158
Vermont.....	48	84	114	128	151	South Carolina.....	28	64	112	144	166
Massachusetts.....	59	78	116	134	149	Georgia.....	25	56	118	167	207
Rhode Island.....	49	76	117	133	152	Florida.....	27	45	118	182	180
Connecticut.....	47	73	113	135	157	<b>East South Central:</b>					
<b>Middle Atlantic:</b>						Kentucky.....	29	70	112	148	165
New York.....	43	75	107	130	145	Tennessee.....	30	74	112	150	173
New Jersey.....	35	57	113	137	154	Alabama.....	29	62	113	159	189
Pennsylvania.....	36	62	111	141	160	Mississippi.....	25	58	108	148	182
<b>East North Central:</b>						<b>West South Central:</b>					
Ohio.....	27	59	105	125	144	Arkansas.....	24	62	115	167	199
Indiana.....	25	60	107	125	156	Louisiana.....	31	56	117	154	195
Illinois.....	29	63	106	124	149	Oklahoma.....	31	67	115	158	181
Michigan.....	28	62	109	127	147	Texas.....	34	63	117	159	172
Wisconsin.....	43	74	107	118	138	<b>Mountain:</b>					
<b>West North Central:</b>						Montana.....	24	57	116	142	161
Minnesota.....	32	63	108	121	137	Idaho.....	26	65	110	126	140
Iowa.....	34	73	108	117	147	Wyoming.....	27	68	113	141	156
Missouri.....	31	66	109	140	172	Colorado.....	26	74	111	136	152
North Dakota.....	29	64	111	138	158	New Mexico.....	26	77	109	141	160
South Dakota.....	31	73	109	135	157	Arizona.....	24	58	112	147	165
Nebraska.....	33	73	110	135	157	Utah.....	32	70	108	127	139
Kansas.....	29	70	108	131	151	Nevada.....	32	64	108	132	146
<b>South Atlantic:</b>						<b>Pacific:</b>					
Delaware.....	31	55	118	153	182	Washington.....	30	66	107	122	139
Maryland.....	27	54	113	157	187	Oregon.....	29	69	106	123	136
						California.....	26	58	116	160	171

<sup>1</sup> Excludes Alaska and Hawaii.Source: Dept. of Agriculture, Economic Research Service; *Farm Real Estate Market Developments*.



# Farm Income and Expenses

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## No. 911. FARM INCOME AND EXPENSES: 1940 TO 1966

[In millions of dollars. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 81, K 122-128, and K 159]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Realized gross income.....	11,059	32,271	33,138	37,915	42,061	42,312	44,937	49,547
Cash receipts.....	8,382	28,461	29,490	33,999	37,208	36,946	39,187	42,879
Crops.....	3,469	12,356	13,523	15,090	17,282	17,136	17,334	18,213
Livestock and livestock products.....	4,913	16,105	15,967	18,909	19,926	19,810	21,853	24,666
Government payments.....	723	283	229	693	1,686	2,169	2,452	3,272
Value of home consumption.....	1,210	2,063	1,678	1,248	1,014	934	924	956
Rental value of dwellings.....	744	1,464	1,741	1,975	2,153	2,263	2,374	2,440
Total expenses of agricultural production....	6,858	19,410	21,889	26,242	29,568	29,410	30,735	33,210
Current farm operating expense (excluding hired farm labor).....	3,840	11,518	12,974	16,007	18,382	17,951	18,728	20,382
Feed purchased.....	998	3,283	3,880	4,911	6,115	5,898	5,910	6,540
Livestock purchased.....	517	2,004	1,539	2,500	2,915	2,422	2,915	3,500
Seed purchased <sup>1</sup> .....	197	518	566	509	552	549	599	588
Fertilizer and lime.....	306	975	1,185	1,305	1,559	1,678	1,726	1,895
Repairs and operation of capital items <sup>2</sup> .....	1,038	2,975	3,600	3,957	3,931	3,904	3,943	4,064
Miscellaneous <sup>3</sup> .....	784	1,763	2,204	2,825	3,310	3,500	3,635	3,795
Depreciation and other consumption of farm capital.....	797	2,665	3,700	4,237	4,463	4,738	4,998	5,342
Taxes on farms.....	451	919	1,141	1,500	1,761	1,830	1,935	2,063
Interest on farm mortgage debt.....	293	264	402	627	845	951	1,067	1,214
Wages paid hired farm labor <sup>4</sup> .....	1,029	2,811	2,615	2,864	2,927	2,804	2,766	2,790
Net rent to nonfarm landlords.....	448	1,233	1,057	1,007	1,190	1,136	1,241	1,419
Realized net income of farm operators from farming.....	4,201	12,861	11,249	11,673	12,493	12,902	14,202	16,337
Adjustment for inventory changes.....	+281	+812	+215	+342	+622	-821	+956	-225
Total net income of farm operators from farming.....	4,482	13,673	11,464	12,015	13,115	12,081	15,158	16,112

<sup>1</sup> Includes hulhs, plants, and trees. <sup>2</sup> Includes expenditures for repairs and maintenance of farm buildings; petroleum fuel and oil; other motor-vehicle operation, and repairs on other machinery.

<sup>3</sup> Includes interest on non-real-estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges (excluding feed and transportation), containers, irrigation, grazing, milk hauling (beginning 1950), hinding materials, tools for sirup, horses and mules, harness and saddlery, blacksmithing and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies

<sup>4</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.

## No. 912. FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS: 1940 TO 1966

[In millions of dollars. Excludes Alaska and Hawaii]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
<b>Farm marketings.....</b>	<b>8,382</b>	<b>28,461</b>	<b>29,490</b>	<b>33,999</b>	<b>37,208</b>	<b>36,946</b>	<b>39,187</b>	<b>42,879</b>
<b>All crops.....</b>	<b>3,469</b>	<b>12,356</b>	<b>13,523</b>	<b>15,090</b>	<b>17,282</b>	<b>17,136</b>	<b>17,334</b>	<b>18,213</b>
Cotton (lint and seed).....	638	2,434	2,580	2,340	2,838	2,521	2,354	1,623
Tobacco.....	242	1,061	1,225	1,154	1,269	1,413	1,186	1,208
Food grains.....	479	1,941	1,990	2,460	2,524	1,986	2,003	2,439
Oilbearing crops.....	126	935	1,131	1,364	1,954	2,134	2,308	2,833
Feed crops.....	600	2,143	2,555	3,025	3,401	3,284	3,491	3,982
Vegetables <sup>1</sup> .....	559	1,436	1,683	1,935	2,012	2,317	2,631	2,558
Fruits and tree nuts <sup>1</sup> .....	446	1,188	1,276	1,473	1,626	1,761	1,623	1,726
Sugar crops.....	79	216	199	251	411	387	346	361
Other <sup>2</sup> .....	300	1,002	884	1,088	1,247	1,333	1,392	1,483
<b>All livestock and products.....</b>	<b>4,913</b>	<b>16,105</b>	<b>15,967</b>	<b>18,909</b>	<b>19,926</b>	<b>19,810</b>	<b>21,853</b>	<b>24,666</b>
Hogs.....	836	3,214	2,694	2,869	3,031	3,004	3,695	3,997
Cattle and calves.....	1,375	5,680	5,245	7,388	8,091	7,795	8,907	10,382
Sheep and lambs.....	180	387	316	327	319	327	341	347
Wool.....	106	130	91	108	115	118	101	110
Dairy products.....	1,521	3,719	4,217	4,740	4,847	5,022	5,070	5,592
Poultry and eggs.....	828	2,839	3,224	3,282	3,312	3,333	3,527	4,027
Other <sup>3</sup> .....	67	136	180	195	211	211	212	211

<sup>1</sup> For 1940, melons included with fruits; thereafter, with vegetables.

<sup>2</sup> Greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

<sup>3</sup> Horses and mules (1940 to 1955), mohair, honey, beeswax, bees, goats, rahhits, and fur animals.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.

**NO. 913. FARM INCOME—CASH RECEIPTS, 1965 AND 1966, AND PRINCIPAL COMMODITIES IN ORDER OF CASH RECEIPTS, 1966, BY STATES**

[In millions of dollars. Cattle include calves, and sheep include lambs]

STATE	1965	1966				Principal commodities in order of cash receipts, 1966
		Farm marketings			Govt. payments	
		Total	Crops	Livestock and products		
U.S. <sup>1</sup> .....	39,186.7	42,878.9	18,212.8	24,666.1	3,271.8	Cattle, dairy prod., hogs, corn, soybeans.
N.E.....	805.4	810.1	282.6	527.5	5.8	
Maine.....	282.7	248.7	103.5	145.3	2.1	Potatoes, broilers, dairy prod., eggs.
N.H.....	53.0	57.8	11.8	46.0	0.6	Dairy prod., eggs, cattle, apples.
Vt.....	128.6	140.2	14.1	126.1	1.5	Dairy prod., cattle, eggs, apples.
Mass.....	166.7	177.6	78.3	99.3	0.6	Dairy prod., eggs, cranberries, tobacco.
R.I.....	21.2	22.9	10.5	12.4	0.1	Dairy prod., potatoes, eggs, cattle.
Conn.....	153.2	162.8	64.4	98.4	0.9	Dairy prod., eggs, tobacco, broilers.
M.A.....	2,030.3	2,188.3	686.8	1,501.5	49.7	
N.Y.....	939.0	1,021.9	310.6	711.3	22.3	Dairy prod., cattle, potatoes, eggs.
N.J.....	265.4	273.8	141.2	132.7	4.9	Dairy prod., eggs, tomatoes, potatoes.
Pa.....	825.9	892.6	235.0	657.6	22.5	Dairy prod., cattle, eggs, broilers.
E.N.C.....	6,851.2	7,875.2	3,228.1	4,647.2	412.3	
Ohio.....	1,113.4	1,306.0	553.8	752.2	81.6	Dairy prod., cattle, hogs, soybeans.
Ind.....	1,298.0	1,450.3	634.2	816.2	92.6	Hogs, corn, soybeans, cattle.
Ill.....	2,400.6	2,809.5	1,451.2	1,358.2	121.7	Corn, hogs, cattle, soybeans.
Mich.....	789.4	874.6	394.9	479.7	62.4	Dairy prod., cattle, dry beans, corn.
Wis.....	1,249.8	1,434.8	194.0	1,240.8	54.0	Dairy prod., cattle, hogs, eggs.
W.N.C.....	9,828.5	11,195.4	3,592.5	7,602.9	1,104.9	
Minn.....	1,590.3	1,813.7	531.5	1,282.2	136.1	Cattle, dairy prod., hogs, soybeans.
Iowa.....	3,009.5	3,395.9	880.8	2,515.1	211.7	Cattle, hogs, corn, soybeans.
Mo.....	1,241.1	1,368.0	456.8	911.1	139.0	Cattle, hogs, soybeans, dairy prod.
N.D.....	664.7	724.7	439.7	284.9	137.4	Wheat, cattle, barley, flaxseed.
S.D.....	757.1	871.8	195.1	676.6	77.9	Cattle, hogs, wheat, corn.
Neb.....	1,355.3	1,636.5	544.4	1,092.0	176.1	Cattle, hogs, corn, wheat.
Kans.....	1,210.5	1,384.8	544.0	840.8	226.5	Cattle, wheat, hogs, sorghum grain.
S.A.....	4,607.9	4,787.4	2,581.4	2,205.9	243.7	
Del.....	128.3	132.7	36.9	95.7	1.8	Broilers, corn, dairy prod., soybeans.
Md.....	328.3	341.4	102.9	238.5	5.5	Broilers, dairy prod., cattle, tobacco.
Va.....	513.2	520.9	225.5	295.3	17.7	Dairy prod., cattle, tobacco, eggs.
W. Va.....	105.5	112.1	20.7	91.4	3.9	Cattle, dairy prod., eggs, broilers.
N.C.....	1,189.6	1,265.3	800.7	464.6	63.0	Tobacco, broilers, eggs, dairy prod.
S.C.....	418.1	399.5	265.3	134.2	53.1	Tobacco, soybeans, cotton, eggs.
Ga.....	945.5	967.4	370.6	596.9	80.3	Broilers, eggs, peanuts, cattle.
Fla.....	979.5	1,048.1	758.7	289.4	18.4	Oranges, cattle, dairy prod., tomatoes.
E.S.C.....	2,798.7	2,771.8	1,122.6	1,649.2	313.3	
Ky.....	702.8	761.3	330.2	431.1	42.0	Tobacco, cattle, dairy prod., hogs.
Tenn.....	622.8	619.3	251.7	367.6	67.1	Cattle, dairy prod., tobacco, hogs.
Ala.....	660.6	640.5	180.4	460.1	79.7	Broilers, cattle, eggs, cotton lint.
Miss.....	812.5	750.7	360.3	390.4	124.6	Cotton lint, cattle, broilers, eggs.
W.S.C.....	4,611.4	4,947.8	2,444.9	2,502.9	697.3	
Ark.....	915.5	909.2	483.3	425.9	85.7	Soybeans, broilers, cattle, rice.
La.....	484.8	554.3	341.8	212.5	51.8	Cattle, rice, soybeans, dairy prod.
Okla.....	740.7	808.7	296.6	512.0	107.9	Cattle, wheat, dairy prod., cotton lint.
Tex.....	2,470.3	2,675.6	1,323.2	1,352.4	451.9	Cattle, cotton lint, sorghum grain, dairy prod.
Mt.....	2,830.1	3,071.7	1,162.1	1,909.6	267.0	
Mont.....	420.5	500.4	225.6	274.9	63.2	Cattle, wheat, barley, dairy prod.
Idaho.....	526.1	525.0	278.6	246.5	37.5	Cattle, potatoes, wheat, dairy prod.
Wyo.....	173.6	199.7	32.1	167.6	11.6	Cattle, sheep, wool, sugar beets.
Colo.....	728.2	815.8	221.9	593.9	62.4	Cattle, wheat, dairy prod., sheep.
N. Mex.....	258.0	277.3	93.4	183.8	37.5	Cattle, cotton lint, dairy prod., sorghum grain.
Ariz.....	506.3	505.4	259.9	245.5	43.5	Cattle, cotton lint, lettuce, dairy prod.
Utah.....	166.8	188.2	40.3	147.8	9.7	Cattle, dairy prod., turkeys, sheep.
Nev.....	50.6	59.9	10.3	49.6	1.5	Cattle, dairy prod., hay, sheep.
Pac.....	4,823.3	5,231.3	3,111.8	2,119.5	177.7	
Wash.....	636.8	743.0	460.9	282.1	49.8	Wheat, cattle, dairy prod., apples.
Oreg.....	476.5	514.0	279.7	234.3	24.0	Cattle, dairy prod., wheat, potatoes.
Calif.....	3,710.0	3,974.2	2,371.2	1,603.0	103.9	Cattle, dairy prod., eggs, cotton lint.

<sup>1</sup> Excludes Alaska and Hawaii.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.



## No. 914. FARM MARKETINGS, BY PRICE SUPPORT STATUS: 1950 TO 1966

[In millions of dollars, except percent. Excludes Alaska and Hawaii. Farm marketings represent gross receipts from commercial market sales as well as net Commodity Credit Corporation loans]

CROPS	TOTAL MARKET SALES				PERCENT DISTRIBUTION			
	1950	1955	1960	1966	1950	1955	1960	1966
Total.....	28,461	29,490	33,999	42,879	100.0	100.0	100.0	100.0
Under price support.....	12,205	13,561	15,196	18,064	42.9	46.0	44.7	42.1
Under mandatory support.....	10,426	11,517	12,811	14,080	36.6	39.0	37.7	32.9
Basic commodities.....	6,563	7,194	7,696	8,001	23.0	24.3	22.6	18.7
Cotton.....	2,143	2,324	2,116	1,623	7.5	7.9	6.2	3.8
Wheat.....	1,732	1,698	2,195	2,013	6.1	5.7	6.5	4.7
Corn.....	1,232	1,507	1,817	2,481	4.3	5.1	5.3	5.8
Tobacco.....	1,061	1,225	1,154	1,208	3.7	4.1	3.4	2.8
Rice.....	189	270	244	402	0.7	0.9	0.7	0.9
Peanuts.....	206	170	170	274	0.7	0.6	0.5	0.6
Nonbasic commodities.....	3,863	4,323	5,115	6,079	13.6	14.7	15.1	14.2
Dairy products.....	3,719	4,217	4,740	5,592	13.0	14.3	13.9	13.0
Wool.....	130	91	108	110	0.5	0.3	0.3	0.3
Mohair.....	10	14	22	20	(Z)	(Z)	0.1	(Z)
Tung nuts.....	4	1	3	5	(Z)	(Z)	(Z)	(Z)
Sugar beets.....	-	-	190	245	-	-	0.6	0.6
Sugarcane.....	-	-	52	107	-	-	0.2	0.2
Under nonmandatory support..	1,779	2,044	2,385	3,984	6.2	6.9	7.0	9.3
Soybeans.....	596	832	1,125	2,477	2.1	2.8	3.5	5.8
Cottonseed.....	290	244	225	243	1.0	0.8	0.6	0.6
Oats.....	229	246	199	165	0.8	0.8	0.6	0.4
Barley.....	194	238	247	302	0.7	0.8	0.7	0.7
Dry beans.....	113	124	130	146	0.4	0.4	0.4	0.3
Flaxseed.....	130	127	67	78	0.5	0.4	0.2	0.2
Sorghum grain.....	209	211	372	550	0.7	0.7	1.1	1.3
Rye.....	18	22	20	23	0.1	0.1	0.1	0.1
Not under price support.....	16,256	15,929	18,803	24,815	57.1	54.0	55.3	57.9

Represents zero. Z Less than 0.05 percent.

Source: Dept. of Agriculture, Economic Research Service; *The Farm Income Situation*.

## No. 915. COMMODITY CREDIT CORPORATION—SUMMARY: 1955 TO 1966

[In millions of dollars. As of June 30 or for years ending June 30. See headnote, table 916]

ITEM	1955	1959	1960	1961	1962	1963	1964	1965	1966
Loans made.....	2,377	3,543	1,507	1,814	2,662	3,070	2,776	2,144	1,971
Loans outstanding (book value).....	2,137	2,480	1,347	1,523	2,255	2,602	2,815	2,534	2,231
Cost of acquisitions <sup>1</sup> .....	2,985	2,802	4,020	3,066	1,969	2,771	2,305	2,005	1,539
Value of commodities owned <sup>1</sup> .....	4,572	5,259	6,021	5,563	4,474	4,726	4,338	3,892	3,113
Sales and donations <sup>1</sup> .....	1,869	2,240	3,261	3,516	3,227	2,617	2,734	2,487	2,342
Price support commodities, storage and handling expense.....	235	371	476	427	393	377	365	311	235
Wheat.....	130	145	191	166	156	145	140	98	67
Corn.....	39	122	138	132	118	93	88	84	53
Other.....	66	104	147	129	119	139	137	129	115
Reseal loan storage expense <sup>1</sup> .....	20	31	53	48	71	76	79	82	68
Wheat.....	2	4	10	11	11	8	9	9	11
Corn.....	16	22	24	29	51	59	61	62	47
Other.....	2	5	19	8	9	9	9	11	10

<sup>1</sup> Price support commodities only. Data comparable for all years.

Source: Dept. of Agriculture, Agricultural Stabilization and Conservation Service; quarterly report, *Commodity Credit Corporation Report of Financial Condition and Operations*.



**No. 916. COMMODITY CREDIT CORPORATION—LOANS MADE, 1933-1966; AND  
LOANS OUTSTANDING, INVENTORIES, AND ACQUISITIONS, 1966**

[The Commodity Credit Corporation (CCC), established in 1933, is the financial organization through which farm price support is carried out by loans, purchases, and other operations. Programs now carried on by CCC include price support, storage facilities, supply, foreign purchase, commodity export, International Wheat Agreement, and other programs specifically authorized by Congress]

COMMODITY	1933-1966				1966			
	Loans made, <sup>1</sup> cumulative			Realized program gains or losses <sup>2</sup> (-)	Loans outstand- ing <sup>3</sup> (book value)	Cost of acquisi- tions <sup>4</sup>	Inventories of commodities owned <sup>5</sup>	
	Quantity		Amount				Quan- tity <sup>5</sup>	Cost
	Unit	Pledged						
Total.....	(X)	1,000 (X)	\$1,000	\$1,000	\$1,000	\$1,000	1,000 (X)	\$1,000
			46,217,899	-14,389,352	2,231,541	1,539,548		3,112,932
Barley.....	Bu.....	864,246	787,008	-200,906	6,495	1,015	10,839	8,978
Beans, dry.....	Cwt.....	51,804	364,976	-125,340	195	1,868	37	269
Corn.....	Bu.....	7,359,441	8,419,156	-2,985,171	450,792	191,097	279,663	343,671
Cotton.....	Bale.....	110,249	14,482,623	-1,490,987	731,273	767,151	9,412	1,496,677
Eggs.....	Lb.....	-	-	-189,699	-	-	-	-
Fiber flax.....	Lb.....	2,579	1,237	-397	-	-	-	-
Flour, cornmeal, and re- lated grain products.....	Lb.....	-	-	-1,096,519	-	146,777	-	-
Fruit, dried.....	Lb.....	-	-	-14,882	-	-	-	-
Fruits, canned.....	Lb.....	-	-	-1,732	-	-	-	-
Honey.....	Lb.....	69,192	7,895	-900	889	311	307	36
Milk and milk products:								
Butter.....	Lb.....	127,166	32,156	-1,075,420	-	20,927	38	23
Butter oil.....	Lb.....	-	-	-262,237	-	869	-	-
Cheese.....	Lb.....	-	-	-596,156	-	3,474	-	-
Milk, dried.....	Lb.....	-	-	-1,554,399	-	78,116	10,796	1,599
Milk, fluid.....	Lb.....	-	-	-233,726	-	34	-	-
Whey.....	Lb.....	91,439	3,968	-3,584	-	-	-	-
Naval stores:								
Rosin.....	Lb.....	2,646,614	145,326	1,001	44,361	-	-	-
Turpentine.....	Gal.....	51,912	20,870					
Oats.....	Bu.....	615,894	383,277	-114,059	25,721	13,912	50,573	30,477
Oilseeds and products:								
Castor beans.....	Lb.....	-	-	-171	-	-	-	-
Cotton linters, cotton- seed, and prod.....	(X)	-	-	-144,488	-	22	-	-
Flaxseed.....	Bu.....	-	-	-175,569	3,618	37,141	12,382	36,491
Linseed oil.....	Lb.....	-	-					
Peanuts.....	Ton.....	3,754	737,831	-330,045	324	28,568	80,000	9,494
Peanut butter.....	Lb.....	-	-	-11,109	-	-	60,969	10,359
Soybeans.....	Bu.....	860,576	1,851,003	-25,904	16,620	80	8	19
Hemp and hemp fiber.....	Lb.....	-	-	-21,459	-	-	-	-
Hops.....	Lb.....	7,077	1,388	-954	-	-	-	-
Olive oil.....	Gal.....	1,046	2,611	-578	-	-	-	-
Peas, dry.....	Cwt.....	846	2,705	-824	-	-	-	-
Potatoes, Irish.....	Cwt.....	156,175	165,568	-478,583	-	-	-	-
Potatoes, sweet.....	Cwt.....	77	150	-135	-	-	-	-
Rice.....	Cwt.....	120,369	605,702	-254,022	22	14,255	594	3,170
Rye.....	Bu.....	81,778	79,409	-24,616	696	5,688	9,230	9,643
Seeds, miscellaneous.....	Lb.....	453,228	62,529	-38,717	-	-	-	-
Sorghum, grain.....	Bu.....	2,071,150	2,224,587	-980,767	38,807	90,934	419,949	467,456
Sugar.....	Lb.....	-	-	-16,493	-	-	-	-
Tobacco.....	Lb.....	4,871,087	2,803,787	-44,372	761,149	69,370	-	-
Tung oil.....	Lb.....	204,376	46,121	-4,900	7,093	263	15,795	3,783
Vegetable oil products.....	Lb.....	-	-	-99,308	-	12,330	-	-
Wheat.....	Bu.....	7,086,251	12,176,648	-1,654,789	111,296	55,346	340,310	680,442
Wool.....	Lb.....	322,641	150,438	-115,956	-	-	-	-
Other.....	(X)	(X)	658,930	-20,480	32,190	-	(X)	10,345

- Represents zero. X Not applicable.

<sup>1</sup> Comprises loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under CCC. Obligations to purchase renewals and extensions of loans previously made are excluded.

<sup>2</sup> Price Support Program only. Net results of other related programs: Commodity Export Program, 2.2 billion dollar loss; Special Feed Grain and Wheat Programs, 4.5 billion dollar loss; Wartime Consumer Subsidy Program, 2.1 billion dollar loss; Cotton Equalization Program, 830 million dollar loss; Supply and Foreign Purchase Programs, 372 million dollar gain; and Emergency Feed Program, 263 million dollar loss.

<sup>3</sup> As of June 30.

<sup>4</sup> For year ending June 30. Cost of acquisitions of agricultural commodities comprises purchases under price-support, and acquisitions in settlement of price-support loans.

<sup>5</sup> For unit of quantity, see first column.

Source: Dept. of Agriculture, Agricultural Stabilization and Conservation Service; quarterly report, *Commodity Credit Corporation Report of Financial Condition and Operations*.

# NO. 917. FARM-RETAIL SPREADS FOR FARM-ORIGINATED FOOD PRODUCTS, BY COMMODITY GROUP: 1957 TO 1966

[In dollars, except as indicated. These estimates are for a market basket of domestic farm-originated food products purchased annually per household in 1960-61 by wage-earner and clerical-worker families and single workers living alone. Quantities of food valued do not change from year to year. See *Historical Statistics, Colonial Times to 1957*, series T 352-355, for 1952 market basket totals for all foods]

COMMODITY GROUP AND VALUE	1957- 1959, average	1960	1963	1964	1965	1966 (prel.)
<b>All farm food products:</b>						
Retail cost <sup>1</sup> .....	983	991	1,013	1,014	1,041	1,100
Farm value adjusted for byproducts <sup>2</sup> .....	388	383	374	374	408	442
Farm-retail spread <sup>3</sup> .....	595	608	639	640	633	658
Farmer's share of consumer's dollar <sup>4</sup> .....	39	39	37	37	39	40
<b>Meat products:</b>						
Retail cost <sup>1</sup> .....	285	284	286	280	303	331
Farm value adjusted for byproducts <sup>2</sup> .....	154	148	143	135	164	180
Farm-retail spread <sup>3</sup> .....	131	136	143	145	139	151
Farmer's share of consumer's dollar <sup>4</sup> .....	54	52	50	48	54	55
<b>Dairy products:</b>						
Retail cost <sup>1</sup> .....	173	178	178	179	179	190
Farm value adjusted for byproducts <sup>2</sup> .....	78	79	77	79	80	90
Farm-retail spread <sup>3</sup> .....	95	99	101	100	99	100
Farmer's share of consumer's dollar <sup>4</sup> .....	45	44	43	44	45	47
<b>Poultry and eggs:</b>						
Retail cost <sup>1</sup> .....	93	91	86	85	85	93
Farm value adjusted for byproducts <sup>2</sup> .....	56	55	49	47	48	54
Farm-retail spread <sup>3</sup> .....	37	36	37	38	37	39
Farmer's share of consumer's dollar <sup>4</sup> .....	61	61	57	56	57	58
<b>Bakery and cereal products:</b>						
Retail cost <sup>1</sup> .....	148	152	159	160	161	167
Farm value adjusted for byproducts <sup>2</sup> .....	31	29	32	32	33	37
Farm-retail spread <sup>3</sup> .....	117	123	127	128	128	130
Farmer's share of consumer's dollar <sup>4</sup> .....	21	19	20	20	21	22
<b>Fruits and vegetables:</b>						
Retail cost <sup>1</sup> .....	203	208	222	230	229	233
Farm value adjusted for byproducts <sup>2</sup> .....	50	52	55	62	64	61
Farm-retail spread <sup>3</sup> .....	153	156	167	168	165	172
Farmer's share of consumer's dollar <sup>4</sup> .....	25	25	25	27	28	26
<b>Fats and oils:</b>						
Retail cost <sup>1</sup> .....	38	34	35	35	37	39
Farm value adjusted for byproducts <sup>2</sup> .....	11	10	10	10	11	12
Farm-retail spread <sup>3</sup> .....	27	24	25	25	26	27
Farmer's share of consumer's dollar <sup>4</sup> .....	30	29	30	29	31	31
<b>Miscellaneous:</b>						
Retail cost <sup>1</sup> .....	42	43	46	47	46	47
Farm value adjusted for byproducts <sup>2</sup> .....	7	8	8	9	8	9
Farm-retail spread <sup>3</sup> .....	35	35	38	38	38	38
Farmer's share of consumer's dollar <sup>4</sup> .....	18	18	18	19	18	19

<sup>1</sup> Calculated from retail prices collected by the Bureau of Labor Statistics.

<sup>2</sup> Calculated by multiplying quantities equivalent to retail purchases by estimates of prices received by farmers, and subtracting imputed value of byproducts obtained in processing.

<sup>3</sup> Equals difference between retail cost and farm value.

<sup>4</sup> Obtained by expressing the farm value as a percentage of retail cost (based on unrounded figures).

Source: Dept. of Agriculture, Economic Research Service; *The Marketing and Transportation Situation*, February 1967, and *Farm-Retail Spreads for Food Products, 1947-64*, ERS-226, April 1965.

## NO. 918. FARM MACHINERY AND EQUIPMENT: 1940 TO 1966

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 150-158]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966 (prel.)
Value of farm implements and machinery <sup>1</sup> mil. dol.	3,060	12,166	18,595	22,344	22,704	24,075	25,696	27,454
Number on farms, Jan. 1:								
Tractors <sup>2</sup> .....	1,567	3,394	4,345	4,685	4,730	4,755	4,783	4,800
Motortrucks .....	1,047	2,207	2,675	2,825	2,925	2,970	3,023	3,060
Automobiles .....	4,144	4,100	4,140	3,629	(NA)	(NA)	3,587	(NA)
Grain combines .....	190	714	980	1,042	940	920	910	895
Corn pickers .....	110	456	688	792	720	705	690	675
Pickup balers .....	-	196	488	680	718	734	751	765
Field forage harvesters .....	-	81	202	291	307	312	316	320
Farms with milking machines .....	175	636	712	666	(NA)	(NA)	500	(NA)
Farmers' expenditures:								
Motor vehicles <sup>3</sup> .....	384	1,734	1,482	1,224	1,948	1,958	2,238	2,303
Machinery and equipment .....	241	1,418	1,278	1,483	1,661	1,949	2,057	2,349

- Represents zero. NA Not available.

<sup>1</sup> Inventory valuations at beginning of year. Includes family automobiles.

<sup>2</sup> Excludes garden tractors. <sup>3</sup> For farm business use.

Source: Dept. of Agriculture, Economic Research Service; annual report, *The Balance Sheet of Agriculture*, and monthly report, *Farm Income Situation*, July issue. Also in *Agricultural Statistics*.



# NO. 919. FARM FACILITIES AND FARM-OPERATOR FAMILIES, 1920 TO 1964, AND BY STATES, 1964

[In thousands, except percent. Beginning 1950, based on reports for a sample of farms. Prior to 1959, excludes Alaska and Hawaii. For composition of regions, see fig. I, p. xii]

YEAR AND STATE	MOTORTRUCKS ON FARMS		AUTOMOBILES ON FARMS		TRACTORS ON FARMS		PERCENT OF FARMS REPORTING AS HAVING—		
	Farms report- ing	Num- ber	Farms report- ing	Num- ber	Farms report- ing	Num- ber	Tele- phone	Home food freezer	Other income, excl. value of farm sales
1920.....	132	139	1,980	2,146	229	246	38.7	(NA)	(NA)
1930.....	845	900	3,650	4,135	851	920	34.0	(NA)	(NA)
1940.....	944	1,047	3,542	4,144	1,410	1,567	25.0	(NA)	(NA)
1950.....	1,840	2,207	3,390	4,199	2,525	3,609	38.2	12.1	(NA)
1959.....	2,177	2,833	2,957	3,636	2,680	5,139	65.0	55.8	35.8
1964 (prel.)									
U.S.....	2,167	3,030	2,675	3,593	2,520	5,486	76.2	72.5	81.2
The North.....	1,045	1,397	1,373	1,879	1,361	3,290	87.7	77.6	80.3
The South.....	868	1,136	1,030	1,318	907	1,584	61.8	66.3	82.4
The West.....	254	497	272	396	252	611	85.2	75.3	80.1
New England.....	30	52	37	54	34	76	91.8	67.5	80.0
Maine.....	9	15	11	15	10	20	88.1	69.5	84.5
New Hampshire.....	3	6	4	6	4	8	91.9	67.2	84.3
Vermont.....	6	8	8	12	8	19	89.9	74.1	80.3
Massachusetts.....	6	11	7	10	6	14	94.6	58.4	75.3
Rhode Island.....	1	2	1	2	1	2	98.4	50.3	61.9
Connecticut.....	5	10	6	9	5	13	97.7	68.4	76.2
Middle Atlantic.....	106	150	146	209	146	356	90.7	78.1	78.1
New York.....	43	63	61	84	62	157	92.7	77.3	78.3
New Jersey.....	9	17	10	15	9	26	94.4	69.0	70.0
Pennsylvania.....	54	70	75	110	75	173	88.7	79.9	79.0
East North Central.....	396	488	536	739	533	1,304	88.1	79.5	80.7
Ohio.....	74	91	111	160	109	249	86.4	77.2	84.0
Indiana.....	78	99	99	137	98	231	88.5	80.0	82.7
Illinois.....	99	121	125	166	125	335	90.7	81.0	75.3
Michigan.....	63	80	88	122	88	204	87.0	78.0	85.2
Wisconsin.....	82	97	113	154	113	285	87.6	80.6	78.2
West North Central.....	516	709	655	878	649	1,555	86.4	76.6	80.5
Minnesota.....	91	113	126	175	125	308	87.2	80.1	79.2
Iowa.....	97	107	149	201	144	352	94.5	79.7	79.5
Missouri.....	100	123	124	150	126	256	79.7	70.7	83.1
North Dakota.....	45	82	46	65	47	130	79.7	82.7	81.6
South Dakota.....	39	57	47	66	47	125	82.5	79.6	74.7
Nebraska.....	64	93	77	106	75	190	86.8	79.5	80.6
Kansas.....	80	134	86	115	85	194	87.9	68.7	82.3
South Atlantic.....	278	367	363	483	319	558	62.3	67.4	81.2
Delaware.....	3	5	4	6	4	10	88.4	74.8	74.3
Maryland.....	14	21	18	28	18	45	84.9	75.0	79.0
Virginia.....	46	59	59	78	56	103	65.5	60.3	81.5
West Virginia.....	20	24	24	29	23	39	68.6	61.3	91.0
North Carolina.....	84	101	116	151	102	164	54.0	68.3	77.8
South Carolina.....	30	39	44	58	33	54	51.4	67.0	80.6
Georgia.....	57	77	67	90	59	97	68.1	75.6	83.8
Florida.....	24	41	31	43	24	46	69.9	62.3	82.3
East South Central.....	265	321	334	423	280	456	55.9	63.7	82.4
Kentucky.....	74	90	102	131	88	144	61.4	58.0	80.0
Tennessee.....	74	86	97	122	86	138	65.0	64.7	83.3
Alabama.....	56	70	64	82	53	79	53.1	67.2	83.9
Mississippi.....	61	75	71	88	53	95	40.2	66.4	83.0
West South Central.....	325	448	333	413	308	571	67.5	67.9	83.5
Arkansas.....	60	81	53	65	54	105	57.1	64.2	79.7
Louisiana.....	40	51	46	56	36	65	67.7	80.1	81.3
Oklahoma.....	73	105	71	87	66	116	74.9	65.5	86.6
Texas.....	152	211	163	205	152	285	68.4	66.7	84.4
Mountain.....	118	244	119	170	114	290	79.9	77.9	77.8
Montana.....	25	58	25	35	25	69	78.4	82.2	75.0
Idaho.....	8	48	27	37	27	66	84.8	80.5	78.6
Wyoming.....	6	18	8	11	8	23	78.7	81.6	76.1
Colorado.....	27	56	27	39	26	68	85.2	80.0	76.8
New Mexico.....	12	23	11	15	9	19	58.6	69.6	78.3
Arizona.....	5	17	5	11	4	14	75.4	68.4	71.6
Utah.....	13	20	14	19	13	25	86.1	72.1	86.6
Nevada.....	2	4	2	3	2	6	70.3	71.3	73.9
Pacific.....	135	252	154	225	137	322	89.3	73.2	81.9
Washington.....	36	64	42	60	39	83	89.2	78.3	84.3
Oregon.....	32	54	36	49	34	76	89.8	80.2	86.3
California.....	64	126	72	110	62	158	89.9	68.4	78.1
Alaska.....	(Z)	1	(Z)	(Z)	(Z)	1	55.0	74.1	82.5
Hawaii.....	3	7	4	6	2	4	79.9	47.8	86.6

NA Not available. Z Less than 500.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1959, Vol. II and 1964, preliminary reports, AC 64-P 1.



## No. 920. FARM EXPENDITURES—SELECTED ITEMS, BY STATES: 1959 AND 1964

[In millions of dollars. For composition of regions, see fig. I, p. xii]

STATE	FEED FOR LIVESTOCK AND POULTRY		SEEDS, BULBS, AND PLANTS		GASOLINE AND OTHER PETROLEUM FUEL AND OIL FOR FARM BUSINESS		HIRED LABOR		MACHINE HIRE AND CONTRACT WORK		Fertilizer and fertilizer materials, 1964 (prel.)
	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	1959	1964 (prel.)	
U.S.....	4,755	5,513	492	661	1,554	1,787	2,621	2,796	805	869	1,773
North.....	2,568	2,714	272	367	854	939	818	857	259	303	833
South.....	1,348	1,759	139	197	449	563	916	960	359	315	696
West.....	839	1,040	81	97	251	284	887	979	187	251	244
N.E.....	191	177	10	12	22	23	93	93	4	4	23
Maine.....	51	56	2	4	6	6	22	22	1	1	10
N.H.....	21	17	(Z)	1	2	2	7	6	(Z)	(Z)	1
Vt.....	34	33	1	1	4	4	11	10	1	1	3
Mass.....	38	31	3	3	5	5	27	26	1	1	4
R.I.....	6	5	1	1	1	1	3	3	(Z)	(Z)	1
Conn.....	41	35	3	3	4	5	23	26	1	1	4
M.A.....	434	413	38	45	80	81	207	204	21	24	82
N.Y.....	175	187	18	21	37	36	93	92	9	11	34
N.J.....	70	46	6	7	9	9	43	41	2	2	12
Pa.....	189	180	14	17	34	36	71	71	10	11	36
E.N.C.....	790	771	98	140	258	329	265	293	84	104	400
Ohio.....	146	138	19	25	51	57	58	61	14	17	75
Ind.....	175	165	17	24	53	58	39	43	14	19	95
Ill.....	244	231	32	47	99	112	72	77	25	35	137
Mich.....	72	75	14	21	40	42	51	60	14	16	54
Wis.....	153	162	16	23	55	60	45	52	17	17	39
W.N.C.....	1,154	1,351	125	172	457	506	253	268	149	170	328
Minn.....	212	207	25	37	79	88	42	44	22	24	55
Iowa.....	418	444	37	48	97	107	59	58	29	37	88
Mo.....	168	200	17	24	54	61	45	46	31	28	68
N. Dak.....	25	26	11	17	53	56	23	25	8	13	17
S. Dak.....	74	85	10	14	44	51	17	20	9	15	9
Nebr.....	155	230	14	18	64	71	34	37	20	23	46
Kans.....	102	159	11	14	66	72	33	38	30	30	45
S.A.....	578	703	54	75	155	198	375	436	83	121	356
Del.....	36	43	1	2	2	4	6	7	1	1	6
Md.....	62	75	5	5	11	12	27	25	3	4	19
Va.....	78	77	7	10	21	24	51	46	8	9	36
W. Va.....	26	23	1	2	5	5	10	10	2	1	4
N.C.....	115	147	10	15	46	65	75	94	18	20	89
S.C.....	35	34	5	6	19	23	36	39	11	7	43
Ga.....	156	214	12	18	32	38	57	59	17	17	74
Fla.....	70	90	13	17	19	27	113	156	23	62	85
E.S.C.....	294	395	29	44	95	115	165	178	75	57	163
Ky.....	58	66	7	10	23	28	35	40	10	12	39
Tenn.....	63	75	8	12	23	27	37	36	17	15	36
Ala.....	97	139	7	11	19	24	37	39	15	12	47
Miss.....	76	115	7	11	30	36	56	63	33	18	41
W.S.C.....	474	659	55	79	201	249	377	347	201	136	179
Ark.....	97	164	10	17	34	45	76	65	36	20	33
La.....	43	53	6	9	20	25	40	46	13	11	24
Okla.....	77	102	8	11	30	36	34	33	25	24	24
Tex.....	257	340	31	42	117	143	227	203	127	81	98
Mt.....	265	345	26	32	120	141	216	233	65	63	74
Mont.....	27	28	4	4	27	31	28	29	8	9	8
Idaho.....	41	47	7	11	23	26	34	39	11	13	22
Wyo.....	14	14	1	1	9	10	15	16	2	3	3
Colo.....	78	114	6	7	27	31	41	45	13	13	12
N. Mex.....	21	34	2	2	10	14	25	25	7	4	7
Ariz.....	46	67	4	5	13	17	53	58	19	16	18
Utah.....	30	35	2	2	8	9	13	14	4	3	3
Nev.....	8	6	(Z)	(Z)	3	3	7	7	1	2	1
Pac.....	574	695	55	64	130	142	670	744	121	186	170
Wash.....	74	82	10	10	24	27	67	77	11	12	28
Oreg.....	53	55	7	8	20	20	50	54	9	10	20
Calif.....	435	543	38	46	81	89	499	555	99	161	110
Alaska.....	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	1	(Z)	(Z)	(Z)
Hawaii.....	11	14	(Z)	(Z)	5	6	54	57	2	3	12

Z Less than \$500,000.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Agriculture: 1964, preliminary reports, Series AC 64-P1.

## No. 921. SPECIFIED FARM EXPENDITURES: 1949 TO 1964

[Prior to 1959, excludes Alaska and Hawaii. Based on reports for a sample of farms, 1964, preliminary data]

ITEM	FARMS REPORTING		AMOUNT EXPENDED		
	Number (1,000)	Percent of all farms	Total (mil. dol.)	Average per farm (based on all farms)	Average per farm reporting
All farms.....1964.....	3, 158	100. 0	(X)	(X)	(X)
Specified farm expenditures.....1964.....	3, 155	99. 9	13, 399	\$4, 243	\$4, 247
Feed for livestock and poultry.....1949.....	3, 876	72. 0	3, 024	562	780
.....1954.....	3, 653	76. 4	3, 906	817	1, 069
.....1959.....	2, 844	76. 6	4, 755	1, 281	1, 672
.....1964.....	2, 268	71. 9	5, 513	1, 747	2, 431
Seeds, bulbs, and plants.....1959.....	1, 933	52. 1	492	133	254
.....1964.....	2, 324	73. 6	661	209	284
Fertilizer and fertilizer materials.....1964.....	2, 224	70. 4	1, 773	562	797
Gasoline and other petroleum fuel and oil for farm business.....1949.....	2, 983	55. 5	1, 134	211	380
.....1954.....	3, 268	68. 3	1, 366	286	418
.....1959.....	3, 464	93. 3	1, 554	419	449
.....1964.....	2, 755	87. 2	1, 787	566	649
Hired labor <sup>1</sup> .....1949.....	2, 670	49. 6	2, 418	450	906
.....1954.....	2, 221	46. 4	2, 279	477	1, 026
.....1959.....	1, 785	48. 1	2, 621	706	1, 468
.....1964.....	1, 585	50. 2	2, 796	886	1, 764
Machine hire and contract work.....1949.....	2, 758	51. 3	612	114	222
.....1954.....	2, 545	53. 2	638	133	251
.....1959.....	1, 989	53. 6	805	217	405
.....1964.....	1, 643	52. 1	869	275	529

X Not applicable. <sup>1</sup> Cash payments for farm labor, housework specifically excluded.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1959*, Vol. II and 1964, preliminary reports, Series AC 64-P1.No. 922. FARMER COOPERATIVES—NUMBER, MEMBERSHIPS, AND BUSINESS:  
1940 TO 1965[For years ending June 30, with limited exceptions. Prior to 1955, excludes Alaska and Hawaii. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. Data are for marketing season during which farm products are moved into channels of trade. Marketing seasons overlap. See also *Historical Statistics, Colonial Times to 1957*, series K 181-189]

YEAR	COOPERATIVES LISTED			ESTIMATED MEMBER-SHIPS <sup>2</sup> (1,000)			ESTIMATED BUSINESS <sup>3</sup> (mil. dol.)		
	Total	Marketing <sup>1</sup>	Farm supply	Total	Marketing <sup>1</sup>	Farm supply	Total	Marketing <sup>1</sup>	Farm supply
1940.....	10, 700	8, 051	2, 649	3, 200	2, 300	900	2, 087	1, 729	358
1945.....	10, 150	7, 400	2, 750	4, 505	2, 895	1, 610	5, 645	4, 835	810
1950.....	10, 035	6, 922	3, 113	6, 584	4, 075	2, 509	8, 726	7, 083	1, 643
1955.....	9, 903	6, 557	3, 346	7, 604	4, 281	3, 323	9, 642	7, 620	2, 022
1960.....	9, 345	6, 048	3, 297	7, 273	3, 673	3, 600	12, 036	9, 628	2, 408
1962.....	9, 039	5, 833	3, 206	7, 099	3, 464	3, 635	13, 024	10, 462	2, 561
1963.....	8, 907	5, 696	3, 211	7, 219	3, 623	3, 596	13, 842	11, 137	2, 704
1964.....	8, 847	5, 621	3, 226	7, 080	3, 655	3, 425	14, 354	11, 522	2, 832
1965 (prel.).....	8, 583	5, 498	3, 085	7, 082	3, 831	3, 251	14, 739	11, 829	2, 910

<sup>1</sup> Includes service associations. <sup>2</sup> Excludes nonvoting patrons.<sup>3</sup> Value of commodities sold or purchased for patrons and charges for rendering other services in marketing or purchasing. Beginning 1955, adjusted for duplication resulting from intercooperative business.Source: Dept. of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

No. 923. FARMER COOPERATIVES—ESTIMATED BUSINESS, BY COMMODITY: 1965  
[Preliminary. See headnote, table 922]

COMMODITY	Number of co-ops. banding	Gross business (mil. dol.)	Net business <sup>1</sup> (mil. dol.)	COMMODITY	Number of co-ops. banding	Gross business (mil. dol.)	Net business <sup>1</sup> (mil. dol.)
<b>Total</b> .....	<sup>2</sup> 8,583	19,624	14,739	<b>Farm supply</b> .....	<sup>2</sup> 6,763	4,495	2,910
<b>Marketing</b> .....	<sup>2</sup> 6,009	14,813	11,513	Building materials.....	1,925	158	114
Dry beans and peas.....	65	44	30	Containers.....	1,050	67	34
Cotton and products.....	581	929	830	Farm machinery and equipment.....	1,600	109	72
Dairy products.....	1,346	4,898	3,770	Feed.....	4,363	1,441	1,035
Fruits and vegetables.....	592	1,626	1,232	Fertilizer.....	4,409	924	507
Grain, soybeans, soybean meal and oil.....	2,596	3,903	2,465	Meats and groceries.....	775	78	60
Livestock and products.....	479	1,520	1,433	Petroleum products.....	2,773	1,010	643
Nuts.....	84	185	176	Seed.....	3,962	171	121
Poultry products.....	410	498	412	Sprays and dusts (farm chemicals).....	3,329	129	82
Rice.....	59	286	243	Other supplies.....	4,858	407	242
Sugar products.....	67	530	530	<b>Services</b> (trucking, cotton ginning, storage, grinding, locker plants, misc.).....	<sup>2</sup> 5,502	<sup>3</sup> 316	<sup>3</sup> 316
Tobacco.....	34	301	301				
Wool and mohair.....	224	28	27				
Miscellaneous.....	182	67	64				

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. Adjusted for duplication resulting from intercooperative business.

<sup>2</sup> Because many associations are engaged in more than one type of business, these totals are less than the sum of associations banding individual items or performing individual services.

<sup>3</sup> Charges for services related to marketing or purchasing but not included in the volume reported for these activities.

Source: Dept. of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.

No. 924. FARMER COOPERATIVES—NUMBER, MEMBERSHIPS, AND BUSINESS, BY STATES: 1965

[Preliminary. See headnote, table 922]

STATE	Cooperatives listed	Estimated memberships <sup>1</sup>	Estimated business <sup>2</sup> (mil. dol.)	STATE	Cooperatives listed	Estimated memberships <sup>1</sup>	Estimated business <sup>2</sup> (mil. dol.)
<b>United States</b> .....	8,583	7,082,010	14,739	<b>South Atlantic—Con.</b>			
<b>New England</b> .....	99	37,640	351	West Virginia.....	71	51,485	40
Maine.....	16	9,640	56	North Carolina.....	40	299,135	274
New Hampshire.....	8	2,755	30	South Carolina.....	23	72,660	69
Vermont.....	21	9,750	102	Georgia.....	77	182,195	210
Massachusetts.....	31	9,380	81	Florida.....	108	47,315	368
Rhode Island.....	1	670	13	<b>East South Central</b> .....	417	635,015	657
Connecticut.....	22	5,445	70	Kentucky.....	86	268,780	149
<b>Middle Atlantic</b> .....	556	306,025	1,243	Tennessee.....	133	154,195	112
New York.....	344	157,145	721	Alabama.....	62	82,450	87
New Jersey.....	53	25,405	102	Mississippi.....	136	129,590	308
Pennsylvania.....	159	123,475	421	<b>West South Central</b> .....	875	430,555	1,338
<b>East North Central</b> .....	1,588	1,728,715	3,136	Arkansas.....	104	88,650	226
Ohio.....	241	305,840	614	Louisiana.....	85	15,850	94
Indiana.....	128	425,975	495	Oklahoma.....	169	136,315	243
Illinois.....	397	442,335	805	Texas.....	517	189,740	776
Michigan.....	183	161,600	432	<b>Mountain</b> .....	492	313,070	704
Wisconsin.....	639	392,965	790	Montana.....	176	77,330	121
<b>West North Central</b> .....	3,343	2,411,480	3,780	Idaho.....	81	56,240	147
Minnesota.....	1,108	625,875	984	Wyoming.....	32	12,705	29
Iowa.....	549	425,510	934	Colorado.....	100	50,065	162
Missouri.....	198	416,250	381	New Mexico.....	28	8,020	43
North Dakota.....	508	257,060	364	Arizona.....	14	75,220	101
South Dakota.....	296	190,395	224	Utah.....	58	33,255	97
Nebraska.....	364	277,380	424	Nevada.....	3	235	5
Kansas.....	320	219,010	468	<b>Pacific</b> .....	659	274,415	2,227
<b>South Atlantic</b> .....	554	945,095	1,302	Washington.....	171	112,770	371
Delaware.....	13	13,300	14	Oregon.....	102	63,375	222
Maryland.....	62	66,475	124	California.....	358	95,685	<sup>3</sup> 1,617
Virginia.....	160	212,530	203	Alaska.....	3	415	4
				Hawaii.....	25	2,170	13

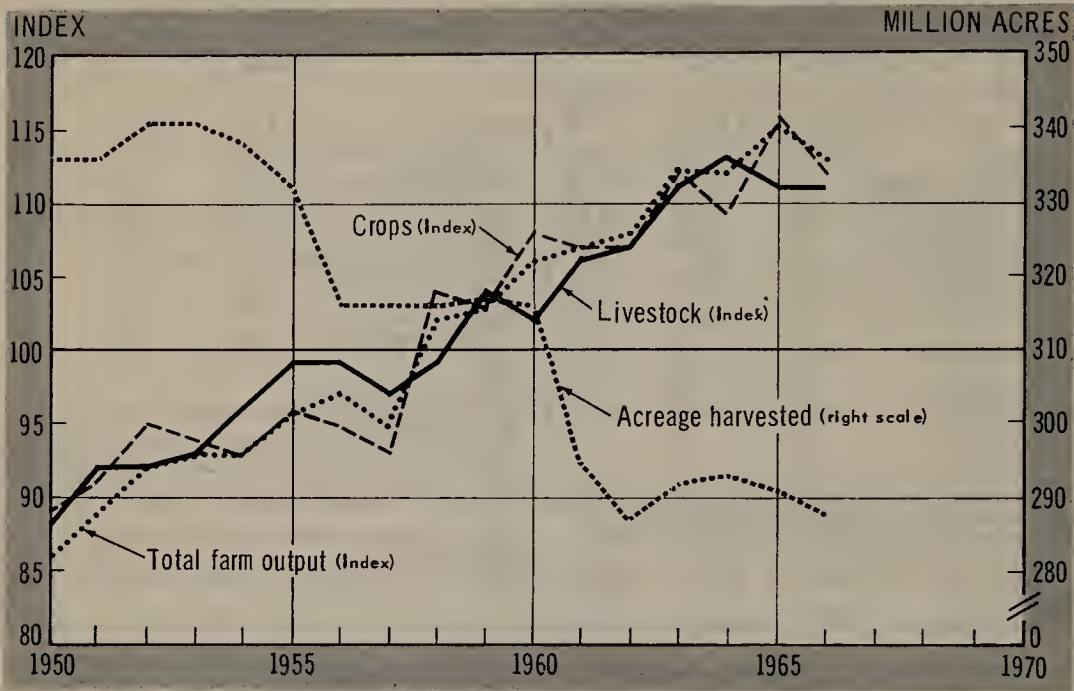
<sup>1</sup> Excludes nonvoting patrons. <sup>2</sup> See footnote 3, table 922.

<sup>3</sup> Includes volume of a sugar cooperative with headquarters in California whose business originated in Hawaii.

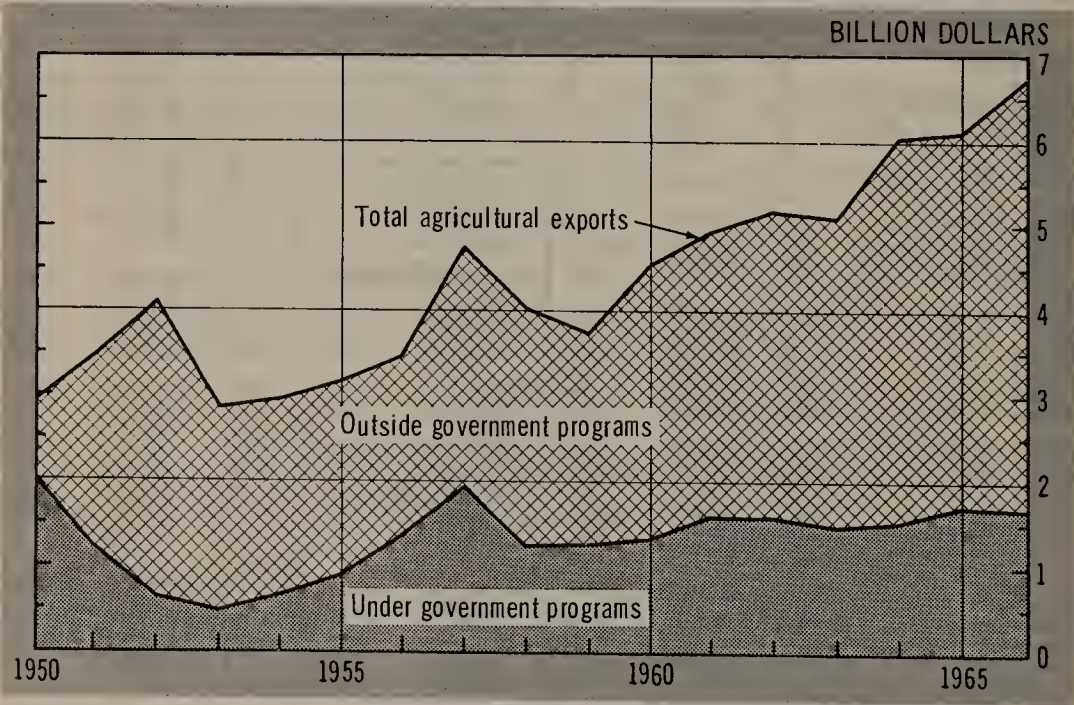
Source: Dept. of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmer Cooperatives*.



No. XL. FARM OUTPUT INDEXES AND ACREAGE HARVESTED: 1950 TO 1966  
[1957-59=100. See table 925]



No. XLI. AGRICULTURAL EXPORTS OUTSIDE AND UNDER GOVERNMENT PROGRAMS: 1950 TO 1966  
[See table 933]



Source of figs. XL and XLI: Charts prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Agriculture, Economic Research Service.

## Section 24

### Agriculture—Production, Marketing, and Trade

This section presents statistics concerning farm output and marketings, trade in agricultural products, and data relative to specific crops, livestock, poultry, and livestock and poultry products.

The principal sources of these data are reports of the decennial and quinquennial Censuses of Agriculture conducted by the Bureau of the Census, and three annual reports, *Crop Production*, *Crop Values*, and *Agricultural Statistics*, issued by the Statistical Reporting Service, Department of Agriculture. Other important sources include *Current Industrial Reports* and *Cotton Production and Distribution*, issued by the Bureau of the Census; *Cotton and Cottonseed Production* and annual livestock summaries, issued by the Statistical Reporting Service; and various *Situation* reports, issued by the Economic Research Service, Department of Agriculture. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade*, also published by the Economic Research Service, and the foreign trade reports of the Bureau of the Census, particularly the series on imports (FT 125) and on exports (FT 410). Historical data are available in *Foreign Commerce and Navigation of the United States*, issued by the Bureau of the Census. Statistics on other aspects of agriculture may be found in section 23, Agriculture—Farms, Land, and Finances.

**Crop reporting.**—Annual agricultural statistics of a wide variety have been issued by the Department of Agriculture for over 100 years. The 43 field offices of the Statistical Reporting Service collect data from voluntary reporters. State estimates and other information are sent to the Crop Reporting Board of the Statistical Reporting Service where, after review, reports are issued containing State, regional, and United States data.

Statistics compiled by the Statistical Reporting Service on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-fourths of a million reporters, mostly farmers, who report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living. The most extensive of the current survey data are gathered by the Statistical Reporting Service from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October.

In the data prepared by the Statistical Reporting Service, estimates of crop acreage and production for the census years are set up currently from available information. Later, if necessary, these data are revised to a level based largely on the Census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians, and reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census.

**Livestock.**—Each Census of Agriculture from 1840 through 1900 was taken as of June 1. The six decennial censuses since then were taken as of April 15, 1910; January 1, 1920; April 1, 1930, 1940, and 1950; and the fall of 1959.



The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1; the 1954 and 1964 Censuses were taken in the fall. Comparison of livestock inventories from census to census is seriously affected by changes in date of enumeration. From January to April, and from October and November to January, material changes occur in numbers on hand in most parts of the country, due to births, marketings, farm slaughter, etc. To obtain as much comparability as possible, the censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of *U.S. Census of Agriculture: 1959* shows a complete history of the enumeration of livestock and analyzes comparability from census to census. For most kinds of domestic livestock, there are comparatively short cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction.

Annual inventory numbers of livestock on farms and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture, are based on information from farmers, supplemented by State assessors' data and by records of brand inspections, rail and truck shipments, and slaughter. The level for these inventories is based largely on interpretations of quinquennial Census enumerations.

**Farm prices.**—Information on prices received by farmers for products they sell are obtained by the Statistical Reporting Service of the Department of Agriculture from about 33,000 voluntary reporters, including farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### NO. 925. FARM OUTPUT INDEXES AND ACREAGE OF 59 CROPS: 1940 TO 1966

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series K 190-194 and K 254-264, for indexes on a 1947-49 base]

ITEM	1940	1950	1955	1960	1962	1963	1964	1965	1966
INDEXES, 1957-59=100									
Farm output <sup>1</sup> .....	70	86	96	106	108	112	112	115	113
Gross production:									
Livestock and products <sup>2</sup> .....	71	88	99	102	107	111	113	111	111
Meat animals.....	72	89	103	103	108	114	116	110	111
Dairy products.....	84	93	99	101	104	103	105	104	101
Poultry and eggs.....	49	78	86	104	111	115	118	122	128
Crops <sup>3</sup> .....	78	89	96	108	107	112	109	116	112
Feed grains.....	66	81	86	109	100	110	97	111	111
Hay and forage.....	86	89	98	103	105	105	105	112	110
Food grains.....	69	86	83	115	98	102	114	116	118
Vegetables.....	83	96	96	103	108	108	103	109	110
Fruits and nuts.....	93	98	99	98	98	102	111	118	122
Sugar crops.....	87	94	86	102	119	153	156	138	139
Cotton.....	102	82	120	116	121	125	124	121	78
Tobacco.....	84	117	127	112	134	135	129	107	107
Oil crops.....	34	71	78	105	123	128	128	154	165
ACREAGE, 59 CROPS (million acres)									
Planted or grown.....	348	353	354	325	301	309	306	304	298
Harvested.....	332	336	332	316	287	292	293	291	288

<sup>1</sup> Measures annual volume of farm production available for eventual human use. Livestock and crops, as combined into total farm output, exclude value of feed other than pasture consumed, and hatching eggs, to avoid double counting of feed crops in both livestock and crop production and of hatching eggs as part of both poultry meat and egg production.

<sup>2</sup> Includes livestock products not shown separately, except horses and mules. Livestock production consists of 3 components: Constant-dollar value of pasture consumed, other feed consumed, and product-added in converting feed and pasture into livestock and products for human use. See footnote 1.

<sup>3</sup> Total constant dollar value of all crop production regardless of its final disposition. Includes production of hay seeds, pasture seeds, cover-crop seeds, and some miscellaneous crop production not shown.

Source: Dept. of Agriculture, Economic Research Service; annual report, *Changes in Farm Production and Efficiency*; and Statistical Reporting Service. In annual report, *Agricultural Statistics*.



**No. 926. FARM LABOR—MAN-HOURS AND INDEX OF FARM OUTPUT: 1940 TO 1966**

[Man-hours in billions; index, 1957-59=100. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series W 48-50, for indexes on a 1947-49 base]

ITEM	1940	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>Man-hours of labor required on farms <sup>1</sup></b> -----	20.5	15.1	12.8	9.8	9.1	8.8	8.4	8.0	7.6
All livestock <sup>2</sup> -----	6.1	5.5	4.9	3.8	3.6	3.4	3.3	3.1	3.0
All crops-----	10.4	6.9	6.0	4.6	4.2	4.1	4.0	3.8	3.6
Farm maintenance <sup>2</sup> -----	4.0	2.7	1.8	1.4	1.3	1.2	1.2	1.1	1.1
<b>Index of farm output per man-hour <sup>3</sup></b> -----	36	61	80	115	127	135	142	153	157
All livestock and products-----	50	68	85	113	127	137	147	154	161
Meat animals-----	76	84	94	106	114	120	127	129	131
Milk cows-----	48	67	82	115	130	139	150	160	166
Poultry-----	34	48	72	124	150	164	179	197	221
All crops-----	37	63	77	114	124	132	133	150	149
Feed grains-----	22	49	67	127	159	172	170	205	209
Hay and forage-----	39	73	83	113	121	125	130	137	143
Food grains-----	27	53	67	128	124	124	131	134	139
Vegetables-----	47	69	85	110	117	128	123	132	124
Fruits and nuts-----	71	88	103	97	102	103	107	112	120
Sugar crops-----	38	55	77	112	114	138	130	132	126
Cotton-----	35	53	81	116	149	160	175	203	177
Tobacco-----	71	82	94	108	117	121	124	122	119
Oil crops-----	23	61	76	109	118	121	114	128	131

<sup>1</sup> Man-equivalent hours; represents time used by average adult males in performing farm operations.

<sup>2</sup> Work on horses and mules included in farm maintenance.

<sup>3</sup> Index of farm output (production available for human use) divided by index of man-hours used.

Source: Dept. of Agriculture, Economic Research Service; annual report, *Changes in Farm Production and Efficiency*. In annual report, *Agricultural Statistics*.

**No. 927. FARM LABOR—MAN-HOURS PER UNIT OF PRODUCTION, SELECTED CROPS AND LIVESTOCK: 1935-39 TO 1961-65**

Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 87, K 92, and K 97]

ITEM	1935-39	1945-49	1955-59	1961-65 <sup>1</sup>	ITEM	1935-39	1945-49	1955-59	1961-65 <sup>1</sup>
<b>CROPS</b>					<b>LIVESTOCK</b>				
Corn for grain:					Milk cows:				
Man-hours per acre <sup>2</sup> -----	28.1	19.2	9.9	6.4	Man-hours per cow-----	148	129	109	90
Yield-----bushels-----	26.1	36.1	48.7	65.9	Milk per cow-----lb-----	4,401	4,992	6,307	7,618
Man-hours per 100 bushels-----	108	53	20	10	Man-hours per cwt. of milk-----	3.4	2.6	1.7	1.2
Wheat:					Cattle other than milk cows:				
Man-hours per acre <sup>2</sup> -----	8.8	5.7	3.8	2.9	Man-hours per cwt. of beef produced <sup>4</sup> -----	4.2	4.0	3.2	2.6
Yield-----bushels-----	13.2	16.9	22.3	25.5	Hogs: Man-hours per cwt. produced <sup>5</sup> -----	3.2	3.0	2.4	2.0
Man-hours per 100 bushels-----	67	34	17	11	Chickens (laying flocks and eggs):				
Hay:					Man-hours per 100 layers-----	172	189	147	97
Man-hours per acre <sup>2</sup> -----	11.3	8.4	6.0	5.2	Rate of lay <sup>6</sup> -----	100	127	168	182
Yield-----short tons-----	1.24	1.35	1.61	1.76	Man-hours per 100 eggs produced-----	1.7	1.5	0.9	0.5
Man-hours per short ton-----	9.1	6.2	3.7	3.0	Chickens (farm raised):				
Potatoes:					Man-hours per 100 birds-----	30	29	23	15
Man-hours per acre <sup>2</sup> -----	69.7	68.5	53.1	47.6	Man-hours per cwt. produced <sup>5</sup> -----	9.0	7.7	6.7	4.1
Yield-----cwt-----	70.3	117.8	178.1	196.7	Chickens (broilers):				
Man-hours per short ton-----	20	12	6	5	Man-hours per 100 birds-----	25	16	4	3
Cotton:					Man-hours per cwt. produced <sup>5</sup> -----	8.5	5.1	1.3	0.8
Man-hours per acre <sup>2</sup> -----	99	83	66	44	Turkeys: Man-hours per cwt. produced <sup>5</sup> -----	23.7	13.1	4.4	2.7
Yield-----pounds-----	226	273	428	490					
Man-hours per bale-----	209	146	74	43					
Tobacco:									
Man-hours per acre <sup>3</sup> -----	415	460	475	494					
Yield-----pounds-----	886	1,176	1,541	1,919					
Man-hours per 100 pounds-----	47	39	31	26					

<sup>1</sup> Preliminary. <sup>2</sup> Man-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under. <sup>3</sup> Per acre planted and harvested.

<sup>4</sup> Production includes beef produced as a byproduct of the milk cow enterprise.

<sup>5</sup> Liveweight production. <sup>6</sup> Per layer on farms Jan. 1.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*.

No. 928. LAND AND LIVESTOCK PRODUCTIVITY INDEXES: 1940 TO 1966

[1957-59=100. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1967*, series K 102-103, for indexes on a 1947-49 base]

YEAR	Cropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>	YEAR	Cropland used <sup>1</sup>	Crop production per acre	Animal units of breeding livestock <sup>2</sup>	Production per animal unit <sup>2</sup>
1940-----	103	76	95	75	1963-----	94	119	100	111
1950-----	106	84	102	86	1964-----	94	116	101	112
1955-----	106	91	106	93	1965 (prel.)-	94	123	101	110
1960-----	99	109	97	105	1966 (prel.)-	93	120	97	114

<sup>1</sup> Harvested acreages plus acreages of crop failure and summer fallow.    <sup>2</sup> Excludes horses and mules.

Source: Dept. of Agriculture, Economic Research Service; annual report, *Changes in Farm Production and Efficiency*. In annual report, *Agricultural Statistics*.

No. 929. SUPPLY AND UTILIZATION OF FARM COMMODITIES: 1947 TO 1966

[Percent distribution. Prior to 1962, excludes Alaska and Hawaii; except imports and exports include Alaska, Hawaii, and Puerto Rico for all years. "Net" means that commodities used for feed and seed are excluded to avoid double counting. See *Historical Statistics, Colonial Times to 1957*, series K 104-115, for related data]

ITEM	1947-1949	1957-1959	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
Supply-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Net production <sup>1</sup> -----	91.4	90.2	87.3	93.0	90.5	88.7	89.6	86.6	90.5	84.8
Net imports-----	11.5	11.6	12.4	11.0	11.6	12.3	11.9	10.4	10.7	11.2
Stock change <sup>2</sup> -----	-2.9	-1.8	+0.3	-4.0	-2.1	-1.0	-1.5	+3.0	-1.2	+4.0
Net utilization-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Domestic use-----	91.6	88.3	91.1	90.7	86.2	86.8	85.8	84.4	85.6	85.2
Food:										
Civilian-----	75.1	76.0	75.2	77.1	74.4	74.7	74.3	72.9	73.6	72.7
Military <sup>3</sup> -----	3.3	1.4	1.7	1.7	1.2	1.4	1.3	1.4	1.6	1.7
Net nonfood <sup>4</sup> -----	13.2	10.9	14.2	11.9	10.6	10.7	10.2	10.1	10.4	10.8
Exports and shipments-----	8.4	11.7	8.9	9.3	13.8	13.2	14.2	15.6	14.4	14.8

<sup>1</sup> Meat production includes carcass weight of commercial and farm slaughter; excludes change in live animal inventory.

<sup>2</sup> Includes farm and commercial stocks and holdings under Government programs. Minus sign (-) indicates increase in stocks from beginning to end of year; plus sign (+) indicates withdrawals from stocks.

<sup>3</sup> Includes civilian feeding in areas occupied by our Armed Forces.

<sup>4</sup> Includes some waste and loss at farm level.

Source: Dept. of Agriculture, Economic Research Service; *The National Food Situation*.

No. 930. SELECTED AGRICULTURAL PRODUCTS—U.S. AND WORLD PRODUCTION AND EXPORTS: 1966

[Production of cotton, soybeans, and all grains on crop-year basis; other commodities and all export data on calendar-year basis and partially estimated. Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

COMMODITY	Unit	PRODUCTION			EXPORTS		
		U. S.	World		U. S.	World	
			Total	Percent U.S.		Total	Percent U.S.
Wheat-----	Million bushels-----	1,311	10,100	13.0	827	2,325	35.6
Oats-----	Million bushels-----	798	3,000	26.6	29	165	17.6
Corn for grain-----	Million bushels-----	4,103	8,507	48.2	612	975	62.8
Barley-----	Million bushels-----	390	4,548	8.6	60	350	17.1
Soybeans-----	Million bushels-----	931	1,278	72.8	<sup>1</sup> 246	<sup>1</sup> 272	90.4
Rice <sup>2</sup> -----	1,000 metric tons-----	3,852	171,000	2.3	1,348	7,200	18.7
Lard-----	Million pounds-----	1,931	7,100	27.2	158	600	26.3
Tallow and greases-----	Million pounds-----	4,997	8,600	58.1	1,988	2,900	68.6
Tobacco <sup>3</sup> -----	Million pounds-----	1,844	10,001	18.4	551	1,775	31.0
Edible vegetable oils-----	1,000 short tons-----	<sup>4</sup> 5,601	17,435	32.1	<sup>5</sup> 1,955	<sup>6</sup> 4,205	46.5
Cotton-----	1,000 bales <sup>7</sup> -----	9,627	47,477	20.3	3,718	17,974	20.7

<sup>1</sup> Bean equivalent basis.    <sup>2</sup> Rough basis. Excludes data for Communist Asia and U.S.S.R.

<sup>3</sup> Unmanufactured.    <sup>4</sup> Includes oil equivalent of exported oilseeds.

<sup>5</sup> Excludes reexports and exports of oil produced from imported raw materials.

<sup>6</sup> Exports from producing countries.    <sup>7</sup> Bales of 500 pounds, gross weight.

Source: Dept. of Agriculture, Foreign Agricultural Service. Appears irregularly in *World Agriculture Production and Trade*.



## No. 931. AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1932 TO 1966

[In millions of dollars, except percent. For years ending June 30. Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products)]

YEARLY AVERAGE OR YEAR	AGRICULTURAL EXPORTS (domestic products) <sup>1</sup>		AGRICULTURAL IMPORTS <sup>3</sup>				Excess of domestic exports over supplementary imports
	Total	Percent of all exports <sup>2</sup>	Total	Supplementary imports <sup>4</sup>	Complementary imports <sup>4</sup>	Percent of all imports	
1932-1936.....	713	36	872	443	429	51	270
1937-1941.....	679	20	1,281	629	652	51	50
1942-1946.....	1,976	19	1,645	1,024	621	46	952
1947-1951.....	3,468	28	3,378	1,641	1,737	46	1,827
1952-1956.....	3,290	21	4,209	1,733	2,476	39	1,557
1957-1961.....	4,383	23	3,878	1,836	2,042	28	2,547
1955.....	3,144	21	3,781	1,509	2,272	36	1,635
1960.....	4,517	24	4,010	1,979	2,031	26	2,538
1961.....	4,946	24	3,645	1,814	1,831	26	3,132
1962.....	5,142	24	3,762	2,049	1,713	24	3,093
1963.....	5,078	24	3,907	2,208	1,699	24	2,870
1964.....	6,068	25	4,096	2,225	1,871	23	3,843
1965.....	6,097	23	3,986	2,127	1,859	20	3,970
1966 (prel.).....	6,681	23	4,454	2,472	1,982	19	4,209

<sup>1</sup> Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program. <sup>2</sup> Based on total exports of domestic merchandise.

<sup>3</sup> Prior to 1934, general imports; thereafter, imports for consumption.

<sup>4</sup> Supplementary imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary imports comprise all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*.

## No. 932. PRINCIPAL AGRICULTURAL EXPORTS—VALUE: 1936 TO 1966

[In millions of dollars. Includes Puerto Rico. Excludes reexports of foreign products. Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery and mutual security. Civilian supply shipments included in 1948 and subsequent years]

ITEM	1936-1940, avg.	1941-1955, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1961-1965, avg.	1964	1965	1966
<b>Agricultural exports.....</b>	<b>701</b>	<b>1,654</b>	<b>3,223</b>	<b>3,314</b>	<b>4,264</b>	<b>5,644</b>	<b>6,348</b>	<b>6,229</b>	<b>6,882</b>
Live animals.....	2	4	12	14	22	30	36	39	40
Meats and meat products.....	21	373	114	59	104	162	185	170	168
Eggs and dairy products.....	9	377	270	117	130	149	195	205	137
Animal fats and oils.....	18	109	109	172	182	197	249	234	196
Hides and skins.....	5	1	16	37	64	89	93	109	155
Bread grains and preparations.....	59	113	896	700	821	1,242	1,488	1,080	1,425
Coarse grains and preparations, except rice <sup>1</sup> .....	39	31	225	324	478	841	879	1,162	1,365
Rice.....	7	30	83	119	117	178	206	244	230
Fodders and feeds.....	10	4	19	34	65	179	209	278	332
Vegetables and preparations.....	13	59	73	83	115	133	136	148	169
Fruits and preparations.....	74	84	128	151	245	283	279	301	301
Vegetable oils, fats and waxes, oilseeds, nuts and nut preparations <sup>2</sup> .....	11	46	145	254	499	680	431	1,032	1,052
Coffee and cocoa, coffee and tea substitutes.....	2	1	7	7	17	30	35	31	20
Sugar and related products.....	8	27	27	16	13	10	11	10	13
Seeds, except oilseeds.....	3	13	15	11	17	23	27	27	31
Tobacco.....	110	138	268	315	355	393	413	383	482
Cotton, unmanufactured.....	283	152	674	761	778	639	690	495	440
Wool and hair.....	2	7	10	6	19	13	6	10	11
All other.....	27	88	132	137	224	375	780	271	315

<sup>1</sup> Prior to 1955, excludes coarse grain ready-to-eat breakfast cereal foods (except corn).

<sup>2</sup> Prior to 1955, excludes crude natural essential oils and crude waxes.

Source: Dept. of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.



# No. 933. AGRICULTURAL EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS—VALUE, BY PROGRAM: 1955 TO 1966

[In millions of dollars. For years ending June 30. Includes Puerto Rico]

ITEM	1955-66, total	1955-61	1962	1963	1964	1965	1966
<b>Agricultural exports <sup>1</sup></b> .....	<b>57,619</b>	<b>28,553</b>	<b>5,142</b>	<b>5,078</b>	<b>6,068</b>	<b>6,097</b>	<b>6,681</b>
Outside Government programs <sup>1 2</sup> .....	40,423	19,238	3,572	3,598	4,550	4,400	5,065
Under Government programs <sup>1</sup> .....	17,196	9,315	1,570	1,480	1,518	1,697	1,616
Agricultural Trade Development and Assistance Act (Public Law 480).....	15,027	7,326	1,496	1,466	1,494	1,671	1,574
Sales for foreign currency (Title I).....	9,811	4,577	1,030	1,090	1,064	1,144	906
Disaster relief (Title II).....	762	360	88	89	81	57	87
Barter <sup>3</sup> .....	2,077	1,349	198	60	112	130	228
Donations <sup>4</sup> .....	1,923	1,040	161	170	189	183	180
Long-term supply and dollar credit sales (Title IV).....	454	-	19	57	48	157	173
Mutual Security Programs, Agency for International Development and predecessor agencies sales for local currency and economic aid <sup>5</sup> .....	2,169	1,989	74	14	24	26	42

- Represents zero.

<sup>1</sup> Sources of values for Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Entries for "outside Government programs" are the residuals of the other 2 series.

<sup>2</sup> Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with Governmental assistance in the form of (a) short-term credits extended by the Commodity Credit Corporation and the Export-Import Bank, (b) sales of Government-owned commodities below domestic market prices, and (c) export payments in cash or in kind.

<sup>3</sup> Authorized under the charter act of the Commodity Credit Corporation, Title III, P.L. 480 (1954), and other legislation.

<sup>4</sup> Authorized under the Agricultural Act of 1949 and Title III, P.L. 480.

<sup>5</sup> Values shown are disbursements for exports and may differ from actual movement of goods during the year.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*, and monthly report, *Foreign Agricultural Trade of the United States*.

# No. 934. AGRICULTURAL EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS—VALUE, BY COMMODITIES: 1963 TO 1966

[In millions of dollars. For years ending June 30. Includes Puerto Rico. Total exports include food for relief and charity. See table 933 for programs covered]

COMMODITY	1963		1964		1965		1966	
	Total	Under specified programs <sup>1</sup>	Total	Under specified programs <sup>1</sup>	Total	Under specified programs <sup>1</sup>	Total	Under specified programs <sup>1</sup>
<b>Total</b> .....	<b>5,077.6</b>	<b>1,479.7</b>	<b>6,067.5</b>	<b>1,518.0</b>	<b>6,096.8</b>	<b>1,696.9</b>	<b>6,680.9</b>	<b>1,615.9</b>
Wheat.....	973.8	712.9	1,353.9	745.7	1,097.6	886.1	1,273.4	837.9
Wheat flour.....	184.1	129.0	163.9	123.1	142.6	104.6	128.9	99.2
Corn.....	508.6	57.7	617.6	68.2	726.7	54.7	936.4	49.0
Grain sorghums.....	134.6	20.0	123.2	6.8	145.0	12.6	294.3	64.2
Barley.....	71.0	12.0	73.4	7.9	65.7	8.8	93.9	.4
Cornmeal.....	20.8	16.1	19.4	15.7	18.9	15.7	16.3	13.4
Rice, milled.....	162.3	85.4	214.3	87.0	202.6	68.8	220.1	60.0
Cotton.....	491.4	162.1	670.4	142.1	583.9	165.0	385.8	123.6
Tobacco, unmanufactured.....	378.2	36.3	420.7	35.9	395.3	35.4	394.7	89.9
Soybeans.....	441.3	9.7	508.7	1.6	598.0	2.2	734.4	.2
Soybean oil.....	132.1	58.5	109.0	65.0	183.6	122.7	140.0	105.7
Cottonseed oil.....	50.1	19.8	53.8	23.5	84.2	39.3	49.1	29.6
Tallow, edible and inedible.....	90.7	20.8	129.5	24.2	176.3	29.6	160.0	11.3
Milk, evap., condensed.....	21.4	13.9	20.9	16.2	21.0	16.2	23.4	18.4
Milk, whole, dried.....	9.7	2.9	9.3	3.4	6.5	1.6	6.7	1.3
Milk, nonfat, dried.....	89.3	54.3	105.6	54.9	102.7	63.1	111.2	68.8
Butter.....	5.5	4.7	47.2	14.3	51.2	3.2	2.4	1.0
Anhydrous milkfat.....	14.5	9.9	57.3	49.1	24.1	17.5	8.6	1.3
Infants' and dietetic foods.....	10.2	.4	10.3	.7	10.3	.9	12.0	2.7
Poultry, fresh or frozen.....	51.0	1.3	57.8	3.1	49.7	.9	53.3	-
Hides and skins.....	78.9	1.9	81.9	1.4	99.6	2.3	139.3	3.1
Beans, dry edible.....	29.2	7.1	34.4	1.0	25.6	4.5	24.2	1.5
Other.....	1,128.9	43.0	1,185.0	27.2	1,285.7	41.2	1,472.5	33.4

-Represents zero.

<sup>1</sup> Sources of values for specified Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc.

Source: Dept. of Agriculture, Economic Research Service. In annual report, *Agricultural Statistics*, and monthly report, *Foreign Agricultural Trade of the United States*.

No. 935. CROPS—ACREAGE AND PRODUCTION, 1959 AND 1964 AND VALUE, 1959

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			Value, 1959 (\$1,000)
	1959	1964	Unit	1959	1964	
<b>All crops harvested</b> .....	316,262	(NA)	(X)	(X)	(X)	18,845,552
<b>All field crops <sup>1</sup></b> .....	308,187	(NA)	(X)	(X)	(X)	16,083,564
Corn for all purposes <sup>2</sup> .....	79,616	63,515	(X)	(X)	(X)	4,384,428
Sorghum for all purposes.....	17,927	14,965	(X)	(X)	(X)	577,466
All wheat threshed <sup>3</sup> .....	49,567	47,956	Bu.....	1,055,925	1,217,757	1,871,911
Oats threshed.....	26,573	18,935	Bu.....	1,001,092	808,120	638,797
Barley threshed <sup>3</sup> .....	14,199	9,804	Bu.....	398,312	362,147	343,301
Rye threshed <sup>3</sup> .....	1,392	(NA)	Bu.....	21,809	(NA)	22,327
Flaxseed threshed <sup>3</sup> .....	2,848	(NA)	Bu.....	19,597	(NA)	59,672
Rice threshed <sup>3</sup> .....	1,617	(NA)	Bu.....	120,896	(NA)	249,380
Soybeans harvested for beans.....	22,080	29,846	Bu.....	515,628	669,714	1,017,902
Soybeans hogged or grazed or cut for silage.....	411	(NA)	(X)	(X)	(X)	7,771
Cowpeas harvested for dry peas.....	179	(NA)	Bu.....	1,475	(NA)	5,974
Cowpeas hogged or grazed or cut for silage.....	125	(NA)	(X)	(NA)	(X)	2,642
Soybeans and cowpeas cut for hay.....	434	(NA)	Tons.....	540	(NA)	12,722
Peanuts harvested for nuts.....	1,333	1,347	Lb.....	1,413,428	2,004,046	135,097
Peanut vines or tops saved for hay.....	327	(NA)	Tons.....	197	(NA)	3,751
All dry field and seed beans other than velvetbeans, soybeans, and mungbeans.....	1,414	(NA)	100-lb. bags.....	19,087	(NA)	137,756
All dry field and seed peas other than cow- peas and Austrian peas.....	344	(NA)	100-lb. bags.....	8,322	(NA)	20,247
All hay, excl. sorghum for hay and specified annual legumes.....	63,549	(NA)	Tons.....	106,590	(NA)	2,180,622
Alfalfa cut for hay.....	26,107	28,214	Tons.....	59,871	68,380	1,270,128
Clover or timothy cut for hay.....	14,040	13,412	Tons.....	22,063	19,569	437,293
Lespedeza cut for hay <sup>3</sup> .....	3,089	2,343	Tons.....	3,763	2,884	80,224
Small grains cut for hay.....	3,551	2,815	Tons.....	3,655	3,663	71,565
Wild hay cut <sup>3</sup> .....	10,474	10,365	Tons.....	8,636	9,165	143,759
Other hay cut.....	5,031	6,050	Tons.....	6,204	7,922	119,078
Silage made from grass or hay crops <sup>4</sup> .....	1,257	1,807	Tons.....	2,396	10,441	58,575
Alfalfa seed harvested.....	673	(NA)	Bu.....	1,812	(NA)	31,493
Red clover seed harvested.....	1,141	(NA)	Bu.....	1,473	(NA)	22,805
Lespedeza seed harvested.....	422	(NA)	Lb.....	94,706	(NA)	9,063
Cotton harvested (lint).....	14,649	13,915	Bales.....	13,914	14,733	2,120,230
Cottonseed.....	(X)	(NA)	Tons.....	5,745	(NA)	222,418
Tobacco harvested.....	1,108	1,025	Lb.....	1,646,513	1,987,204	947,626
Sugarcane cut for sugar.....	408	(NA)	Tons.....	16,568	(NA)	121,342
Sugarcane or cane for sirup.....	15	(NA)	Gal.....	3,070	(NA)	3,847
Sugar beets harvested for sugar.....	912	(NA)	Tons.....	16,822	(NA)	187,340
Hops harvested.....	33	(NA)	Lb.....	54,602	(NA)	27,112
Irish potatoes harvested.....	1,200	1,179	Cwt.....	224,140	221,763	479,510
Sweetpotatoes harvested.....	218	(NA)	Bu.....	29,386	(NA)	53,707
All other.....	(X)	(NA)	(X)	(X)	(X)	185,306
<b>Vegetables harvested for sale <sup>1</sup></b> .....	3,491	3,332	(X)	(X)	(X)	739,627
<b>All fruits and nuts and horticultural specialties</b> .....	4,584	(NA)	(X)	(X)	(X)	2,022,361
Strawberries.....	85	66	Lb.....	418,839	492,316	74,610
Other berries and small fruits.....	107	(NA)	Qt.....	226,275	(NA)	37,521
Tree fruits, nuts and grapes (excl. nurseries).....	4,120	4,251	(X)	(X)	(X)	1,294,893
Horticultural specialties.....	272	275	(X)	(X)	(X)	615,338

NA Not available. X Not applicable.

<sup>1</sup> Irish and sweet potatoes included with "Field crops," not with "Vegetables."<sup>2</sup> Excludes sweet corn, popcorn, Egyptian corn, kafir, and milo maize.<sup>3</sup> Totals are for States for which data are available.<sup>4</sup> Silage crops other than corn and sorghums.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, Vol. II.



## No. 936. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1966

[Excludes Alaska and Hawaii. For weights of units of measurement for principal products, see Appendix I. Acreage, production, and yield of all crops revised to Census data. See also *Historical Statistics, Colonial Times to 1957*, series K 265-312, for acreage harvested, production, and price data for all crops listed except sorghums, peanuts, and dry beans]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
WHEAT						RYE				
	<i>1,000 acres</i>	<i>Mil. bushels</i>	<i>Mil. dol.</i>	<i>Bushels</i>	<i>Dollars per bushel</i>	<i>1,000 acres</i>	<i>Mil. bushels</i>	<i>Mil. dol.</i>	<i>Bushels</i>	<i>Dollars per bushel</i>
1931-1935.....	51,926	681	407	13.1	0.60	2,980	33	14	11.1	0.42
1936-1940.....	57,687	796	614	13.8	.77	3,526	41	21	11.8	.51
1941-1945.....	56,396	985	1,252	17.5	1.27	2,800	34	28	12.3	.82
1946-1950.....	70,312	1,185	2,398	16.9	2.01	1,791	.22	36	12.2	1.63
1951-1955.....	60,497	1,077	2,229	17.9	2.07	1,678	.22	30	13.2	1.37
1956-1960.....	50,032	1,178	2,140	23.4	1.83	1,657	28	29	16.7	1.03
1961-1965.....	48,017	1,214	2,027	25.3	1.69	1,655	33	33	19.7	1.01
1960.....	51,879	1,355	2,361	26.1	1.74	1,688	33	30	19.6	.88
1964.....	49,762	1,283	1,757	25.8	1.37	1,696	32	34	19.1	1.04
1965.....	49,560	1,316	1,775	26.5	1.35	1,469	33	33	22.6	.97
1966 (prel.).....	49,843	1,311	2,142	26.3	1.63	1,283	28	30	21.8	1.07
RICE, ROUGH						CORN FOR GRAIN				
	<i>1,000 acres</i>	<i>Mil. cwt.</i>	<i>Mil. dol.</i>	<i>Lb.</i>	<i>Dollars per cwt.</i>	<i>1,000 acres</i>	<i>Mil. bushels</i>	<i>Mil. dol.</i>	<i>Bushels</i>	<i>Dollars per bushel</i>
1931-1935.....	853	18	26	2,135	1.40	84,854	2,012	(NA)	23.3	(NA)
1936-1940.....	1,054	24	39	2,256	1.63	77,319	2,091	(NA)	26.8	(NA)
1941-1945.....	1,424	29	107	2,010	3.74	80,291	2,653	(NA)	33.1	(NA)
1946-1950.....	1,718	37	185	2,161	5.01	75,711	2,808	(NA)	37.0	(NA)
1951-1955.....	2,106	53	268	2,549	5.05	70,082	2,814	(NA)	40.2	(NA)
1956-1960.....	1,501	49	233	3,265	4.76	67,001	3,442	4,074	51.2	1.11
1961-1965.....	1,742	68	340	3,892	5.00	56,658	3,758	4,243	66.3	1.13
1960.....	1,595	55	248	3,423	4.55	71,422	3,907	3,929	54.7	1.00
1964.....	1,786	73	359	4,098	4.90	55,369	3,484	4,064	62.9	1.17
1965.....	1,793	76	376	4,255	4.93	55,332	4,084	4,732	73.8	1.16
1966 (prel.).....	1,967	85	405	4,324	4.77	56,888	4,103	5,285	72.1	1.29
SORGHUMS FOR GRAIN						OATS				
	<i>1,000 acres</i>	<i>Mil. bushels</i>	<i>Mil. dol.</i>	<i>Bushels</i>	<i>Dollars per bushel<sup>3</sup></i>	<i>1,000 acres</i>	<i>Mil. bushels</i>	<i>Mil. dol.</i>	<i>Bushels</i>	<i>Dollars per bushel</i>
1931-1935.....	4,038	53	24	13.3	0.44	37,597	973	253	25.9	0.26
1936-1940.....	4,708	61	32	13.0	.52	34,826	1,053	329	30.2	.31
1941-1945.....	6,921	123	111	17.7	.91	39,350	1,267	759	32.2	.60
1946-1950.....	7,283	143	180	19.2	1.33	39,409	1,339	1,071	33.9	.81
1951-1955.....	8,955	170	209	18.7	1.29	37,872	1,311	950	34.6	.73
1956-1960.....	15,284	506	471	32.4	.96	30,598	1,209	751	39.7	.62
1961-1965.....	12,131	548	549	45.0	1.01	21,162	953	604	45.2	.63
1960.....	15,601	620	515	39.7	.84	26,588	1,153	693	43.4	.60
1964.....	11,742	490	512	41.7	1.05	19,759	852	541	43.1	.63
1965.....	13,029	673	668	51.6	1.00	18,479	927	585	50.2	.62
1966 (prel.).....	12,837	720	747	56.1	1.04	17,848	798	539	44.7	.67
BARLEY						HAY				
	<i>1,000 acres</i>	<i>Mil. bushels</i>	<i>Mil. dol.</i>	<i>Bushels</i>	<i>Dollars per bushel</i>	<i>1,000 acres</i>	<i>Mil. short tons</i>	<i>Mil. dol.</i>	<i>Short tons</i>	<i>Dollars per ton<sup>4</sup></i>
1931-1935.....	10,608	212	78	20.0	0.37	68,190	77	652	1.13	8.47
1936-1940.....	11,034	243	113	22.0	.47	68,842	85	790	1.24	9.25
1941-1945.....	13,778	332	267	24.1	.81	75,861	103	1,754	1.36	16.97
1946-1950.....	10,853	281	361	25.8	1.29	73,639	99	2,174	1.35	21.90
1951-1955.....	10,847	303	338	27.9	1.15	74,777	109	2,455	1.46	22.50
1956-1960.....	14,248	429	380	30.1	.90	69,666	115	2,282	1.66	20.90
1961-1965.....	11,135	398	374	36.2	.95	67,285	120	2,679	1.78	20.80
1960.....	13,856	429	355	31.0	.84	67,313	118	2,410	1.76	21.70
1964.....	10,277	386	362	37.6	.95	67,375	119	2,809	1.76	23.90
1965.....	9,144	392	395	42.9	1.02	67,684	126	2,913	1.85	23.20
1966 (prel.).....	10,227	390	408	38.1	1.06	65,192	121	2,891	1.85	25.00

See footnotes at end of table.



## Principal Crops

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No. 936. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1931 TO 1966—Continued

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
IRISH POTATOES						BEANS, DRY, EDIBLE <sup>3</sup>				
	1,000 acres	Mil. cwt.	Mil. dol.	Cwt.	Dollars per cwt.	1,000 acres	Mil. cwt.	Mil. dol.	Lb.	Dollars per cwt.
1931-1935.....	3,509.7	<sup>6</sup> 227	199	64	0.89	1,687	12	31	739	2.66
1936-1940.....	2,906.0	<sup>6</sup> 213	238	73	1.14	1,709	14	48	882	3.38
1941-1945.....	2,809.3	<sup>6</sup> 238	489	85	2.02	1,958	16	92	897	5.22
1946-1950.....	1,992.4	<sup>6</sup> 259	564	132	2.18	1,747	17	147	970	8.81
1951-1955.....	1,420.0	<sup>6</sup> 217	479	153	2.25	1,414	16	128	1,146	7.96
1956-1960.....	1,378.4	<sup>6</sup> 252	476	183	1.90	1,451	18	123	1,215	6.97
1961-1965.....	1,383.2	272	580	197	2.17	1,414	18	134	1,296	7.38
1960.....	1,396.9	257	514	184	2.00	1,400	17	124	1,244	7.14
1964.....	1,293.8	239	840	185	3.50	1,388	17	131	1,252	7.52
1965.....	1,402.8	290	731	207	2.54	1,484	16	143	1,109	8.68
1966 (prel.).....	1,479.1	<sup>6</sup> 301	663	203	2.21	1,519	20	142	1,334	6.98
PEANUTS (harvested for nuts)						SOYBEANS (for beans)				
	1,000 acres	Mil. pounds	Mil. dol.	Lb.	Dollars per lb.	1,000 acres	Mil. bushels	Mil. dol.	Bushels	Dollars per bu.
1931-1935.....	1,434	997	25	695	0.03	1,531	24	18	15.4	0.75
1936-1940.....	1,770	1,352	46	764	.03	3,420	62	53	18.1	.86
1941-1945.....	3,002	1,993	139	664	.07	9,433	174	322	18.4	1.85
1946-1950.....	2,877	2,091	213	742	.10	11,263	230	581	20.4	2.56
1951-1955.....	1,559	1,429	160	894	.11	15,709	313	798	20.0	2.57
1956-1960.....	1,442	1,620	168	1,124	.10	22,351	520	1,075	23.2	2.07
1961-1965.....	1,406	1,960	219	1,393	.11	29,694	719	1,770	24.2	2.46
1960.....	1,395	1,718	172	1,232	.10	23,655	555	1,185	23.5	2.13
1964.....	1,397	2,099	235	1,502	.11	30,793	701	1,836	22.8	2.62
1965.....	1,435	2,384	272	1,661	.11	34,449	846	2,151	24.5	2.54
1966 (prel.).....	1,436	2,411	271	1,691	.11	36,644	931	2,583	25.4	2.77
FLAXSEED						TOBACCO				
	1,000 acres	Mil. bushels	Mil. dol.	Bushels	Dollars per bu.	1,000 acres	Mil. lb.	Mil. dol.	Lb.	Dollars per lb.
1931-1935.....	1,778	10	13	5.7	1.30	1,569	1,268	176	808	0.14
1936-1940.....	1,662	14	22	8.5	1.53	1,641	1,492	278	909	.19
1941-1945.....	3,952	36	92	9.1	2.56	1,542	1,604	618	1,040	.39
1946-1950.....	4,134	40	189	9.7	4.57	1,718	2,080	974	1,215	.47
1951-1955.....	4,471	37	125	8.3	3.41	1,670	2,217	1,141	1,331	.51
1956-1960.....	4,044	32	92	8.1	2.85	1,172	1,864	1,075	1,591	.58
1961-1965.....	2,819	29	83	10.3	2.89	1,126	2,160	1,311	1,921	.61
1960.....	3,342	30	81	9.1	2.65	1,142	1,944	1,184	1,703	.61
1964.....	2,825	24	69	8.6	2.82	1,078	2,227	1,318	2,067	.59
1965.....	2,775	35	99	12.8	2.80	977	1,855	1,207	1,898	.65
1966 (prel.).....	2,627	24	69	9.1	2.89	976	1,890	1,254	1,894	.66
COTTON (excluding linters) <sup>7</sup>						COTTONSEED				
	1,000 acres	Mil. bales <sup>8</sup>	Mil. dol.	Lb.	Cents per lb.		Mil. short tons	Mil. dol.		Dollars per ton
1931-1935.....	31,671	13	551	191	9.16	(X)	6	96	(X)	19.16
1936-1940.....	27,058	14	647	239	9.67	(X)	6	132	(X)	23.49
1941-1945.....	20,619	11	1,111	262	19.85	(X)	5	229	(X)	49.83
1946-1950.....	21,421	12	1,975	273	32.72	(X)	5	339	(X)	70.96
1951-1955.....	22,678	15	2,565	326	34.13	(X)	6	367	(X)	59.28
1956-1960.....	14,290	13	2,022	434	31.30	(X)	5	243	(X)	45.94
1961-1965.....	14,617	15	2,312	491	30.99	(X)	6	298	(X)	48.70
1960.....	15,309	14	2,154	446	30.19	(X)	6	250	(X)	42.60
1964.....	14,055	15	2,258	517	29.76	(X)	6	294	(X)	47.10
1965.....	13,615	15	2,106	526	28.14	(X)	6	284	(X)	46.70
1966 (prel.).....	9,554	10	991	482	<sup>9</sup> 20.7	(X)	4	261	(X)	65.90

NA Not available. X Not applicable.

<sup>1</sup> Values are based on season average prices; see footnote 2.<sup>2</sup> Season average price received by farmers. State prices weighted by production to obtain U.S. price prior to 1958, but weighted by sales beginning 1958. For certain years, prices for wheat, rye, rice, corn for grain, grain sorghums, oats, barley, dry edible beans, soybeans, flaxseed, cotton and cottonseed include an allowance for unredeemed loans and purchase agreement deliveries. See also notes on prices for each crop.<sup>3</sup> Based on reported price of grain sorghums.<sup>4</sup> Beginning 1939, prices are for hay sold baled; prior years, for hay sold loose. <sup>5</sup> Cleaned basis.<sup>6</sup> Includes some quantities not harvested and/or not marketed on account of economic conditions.<sup>7</sup> State production figures, which conform with Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals. <sup>8</sup> Bales of 500 pounds, gross weight.<sup>9</sup> Average price to April 1, 1967, including an allowance for unredeemed loans.Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*, and annual summaries, *Crop Production and Crop Values*.

No. 937. SELECTED CROPS—ACREAGE, PRODUCTION, AND VALUE, 1960 TO 1966, AND PRINCIPAL PRODUCING STATES, 1966  
[Excludes Alaska and Hawaii, except as noted. For weights of units of measurement, see Appendix I and specific crop tables]

CROP	ACREAGE HARVESTED (1,000)		1966 (prel.)	Unit	PRODUCTION			FARM VALUE (mil. dol.)			Principal States in order of production, 1966	
	1960-1964, avg.	1965			1966 (prel.)	1960-1964, avg.	1965	1966 (prel.)	1950	1965		1966 (prel.)
Corn, for grain.....	59,876	55,332	56,888	Mil. bu.....	3,723	4,084	4,103	4,222	4,732	5,340	Iowa, Ill., Ind., Minn.	
Wheat.....	48,481	49,560	49,843	Mil. bu.....	1,222	1,316	1,311	2,042	1,775	2,152	Kans., N. Dak., Nebr., Mont.	
Oats.....	22,784	18,479	17,848	Mil. bu.....	999	927	798	1,081	585	543	Minn., Iowa, Wis., N. Dak.	
Barley.....	12,078	9,144	10,227	Mil. bu.....	406	392	390	358	395	412	N. Dak., Calif., Mont., Idaho.	
Rye.....	1,699	1,469	1,283	Mil. bu.....	33	33	28	197	33	31	N. Dak., S. Dak., Nebr., Minn.	
Rice, rough.....	1,793	1,793	1,967	Mil. cwt.....	64	76	85	28	376	408	Tex. La., Ark., Calif.	
Flaxseed.....	1,703	2,775	2,627	Mil. bu.....	28	35	24	135	99	70	N. Dak., S. Dak., Minn., Tex.	
Sorghum grain.....	2,932	13,029	12,837	Mil. bu.....	537	673	720	245	668	737	Tex., Nebr., Kans., Calif.	
Sorghum forage.....	2,200	2,376	2,023	Mil. sh. tons <sup>1</sup>	4	4	4	88	66	67	Kans., Tex., Okla., Nebr.	
Cotton, lint.....	14,956	13,615	9,595	Mil. bales.....	15	15	10	2,006	2,104	1,044	Tex., Miss., Calif., Ark.	
Cottonseed.....	(X)	(X)	(X)	Mil. sh. tons.....	6	6	2	355	286	261	Tex., Miss., Calif., Ark.	
Hay, all.....	67,211	67,684	65,192	Mil. sh. tons.....	119	126	121	2,222	2,913	2,909	Wis., Minn., Iowa, Calif.	
Alfalfa seed.....	718	610	712	Mil. lb.....	136	120	123	40	39	42	Calif., Wash., Idaho, Kans., Oreg.	
Red clover seed.....	898	650	712	Mil. lb.....	76	65	66	45	15	15	Ill., Ohio, Ind., Mo.	
Beans, dry, edible.....	1,397	1,484	1,519	Mil. cwt.....	18	16	20	112	143	141	Mich., Calif., Idaho, Colo.	
Soybeans for beans.....	27,535	34,449	36,644	Mil. bu.....	661	846	931	738	2,151	2,683	Ill., Iowa, Mo., Ark.	
Peanuts harvested for nuts.....	1,397	1,435	1,436	Mil. lb.....	1,827	2,384	2,428	222	272	273	Ga., N. C., Tex., Va.	
Potatoes.....	1,382	1,403	1,479	Mil. cwt.....	3	266	301	394	731	663	Idaho, Maine, Calif., Wash.	
Sweetpotatoes.....	199	206	187	Mil. cwt.....	16	19	16	86	81	79	La., N. C., Va., Miss.	
Tobacco.....	1,159	977	976	Mil. lb.....	2,178	1,855	1,847	1,049	1,207	1,236	N. C., Ky., Va., S. C.	
Sugarcane for sugar and seed.....	4 536	4 617	4 630	Mil. sh. tons.....	4 21	4 24	4 26	54	101	121	Hawaii, La., Fla.	
Sugarbeets.....	1,153	1,248	1,161	Mil. sh. tons.....	20	21	20	151	250	245	Calif., Colo., Idaho, Minn.	
Hops.....	29	33	32	Mil. lb.....	46	56	55	31	26	26	Wash., Idaho, Oreg., Calif.	
Apples, commercial crop.....	(X)	(X)	(X)	Mil. bu.....	125	136	130	163	270	268	Wash., N. Y., Mich., Calif.	
Peaches.....	(X)	(X)	(X)	Mil. bu.....	75	71	71	97	150	173	Calif., S. C., Ga., Pa.	
Pears.....	(X)	(X)	(X)	Mil. bu.....	26	21	21	52	66	67	Calif., Oreg., Wash., Mich.	
Grapes.....	(X)	(X)	(X)	Mil. sh. tons.....	3	4	4	182	202	186	Calif., N. Y., Wash., Mich.	
Cherries.....	(X)	(X)	(X)	1,000 sh. tons.....	257	264	202	40	45	66	Mich., Oreg., Calif., Wash.	
Apricots.....	(X)	(X)	(X)	1,000 sh. tons.....	205	227	198	20	20	23	Calif., Wash., Utah.	
Prunes, all (fresh basis).....	(X)	(X)	(X)	1,000 sh. tons.....	428	480	381	42	46	49	Calif., Oreg., Wash., Idaho.	
Strawberries.....	(X)	(X)	79	1,000 sh. tons.....	257	232	235	82	97	105	Calif., Oreg., Wash., Mich.	
Oranges.....	(X)	(X)	(X)	Mil. boxes.....	115	141	180	7 238	338	421	Fla., Calif., Ariz., Tex.	
Grapefruit.....	(X)	(X)	(X)	Mil. boxes.....	39	47	52	51	91	100	Fla., Tex., Calif., Ariz.	
Lemons.....	(X)	(X)	(X)	Mil. boxes.....	15	16	18	38	54	57	Calif., Ariz.	
Pecans.....	(X)	(X)	(X)	Mil. lb.....	214	251	162	36	45	46	La., Ga., Ala., Tex.	
Walnuts.....	(X)	(X)	(X)	1,000 sh. tons.....	79	80	90	25	35	41	Calif., Oreg.	
Almonds.....	(X)	(X)	(X)	1,000 sh. tons.....	60	73	84	21	45	52	Calif.	
Lettuce, commercial <sup>2</sup> .....	214	215	219	Mil. sh. tons.....	2	2	2	189	189	221	Calif., Ariz., N. Mex., Colo.	
Tomatoes, commercial <sup>3</sup> .....	447	414	449	Mil. sh. tons.....	5	6	6	96	358	355	Calif., Fla., Ohio, N. J.	

X Not applicable. <sup>1</sup> Dry weight. <sup>2</sup> Based on 1961-65 average ratio of lint to cottonseed. <sup>3</sup> See footnote 6, table 936. <sup>4</sup> Includes Hawaii.  
<sup>5</sup> Based on average marketing prices to Dec. 9, 1966. <sup>6</sup> Includes some quantities not harvested. <sup>7</sup> Includes tangerines. <sup>8</sup> Includes Alaska and Hawaii.  
Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*, and annual summaries, *Crop Production, Commercial Vegetables, Seed Crops*, and *Crop Values*.



**NO. 938. PRINCIPAL CROPS—ACREAGE AND VALUE, 1960 TO 1966, AND ORDER OF VALUE, 1966, BY STATES**

[Acreage covers 59 major field crops and vegetables; value covers 78 major field crops, vegetables, fruits, and nuts]

STATE	HARVESTED ACREAGE OF 59 CROPS (1,000)			FARM VALUE OF 78 CROPS (mil. dol.)		Crops in order of value, 1966
	1960- 1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	
<b>U.S.<sup>1</sup></b> .....	296, 836	291, 094	288, 051	22, 008	22, 744	Corn, hay, soybeans, wheat.
<b>N.E.:</b>						
Maine.....	669	595	585	106	110	Potatoes, hay, apples, oats.
N.H.....	191	172	169	13	14	Hay, apples, potatoes, sweet corn.
Vt.....	766	692	686	40	42	Hay, apples, maple sirup, potatoes.
Mass.....	262	225	219	55	59	Hay, cranberries, tobacco, apples.
R.I.....	33	28	27	6	7	Potatoes, hay, apples, tomatoes.
Conn.....	228	210	200	53	57	Tobacco, hay, potatoes, apples.
<b>M.A.:</b>						
N.Y.....	4, 762	4, 625	4, 648	376	407	Hay, potatoes, apples, corn.
N.J.....	620	565	558	120	112	Tomatoes, hay, asparagus, potatoes.
Pa.....	4, 728	4, 534	4, 513	326	291	Hay, corn, wheat, potatoes.
<b>E.N.C.:</b>						
Ohio.....	9, 173	9, 240	9, 239	638	790	Corn, soybeans, hay, wheat.
Ind.....	10, 773	10, 499	10, 601	854	901	Corn, soybeans, wheat, hay.
Ill.....	20, 160	20, 535	20, 807	1, 776	1, 834	Corn, soybeans, wheat, hay.
Mich.....	6, 656	6, 430	6, 261	447	496	Corn, hay, wheat, dry beans.
Wis.....	9, 346	9, 177	9, 256	540	579	Hay, corn, oats, potatoes.
<b>W.N.C.:</b>						
Minn.....	18, 043	17, 679	17, 506	838	1, 030	Corn, soybeans, hay, oats.
Iowa.....	21, 062	20, 499	20, 759	1, 484	1, 804	Corn, soybeans, hay, oats.
Mo.....	11, 710	11, 507	11, 392	697	706	Soybeans, corn, hay, wheat.
N. Dak.....	17, 966	18, 402	18, 073	579	577	Wheat, barley, hay, oats.
S. Dak.....	14, 517	14, 601	14, 353	379	412	Corn, hay, wheat, oats.
Nebr.....	17, 179	15, 447	15, 775	698	967	Corn, wheat, grain sorghum, hay.
Kans.....	19, 722	19, 202	19, 293	704	739	Wheat, grain sorghum, hay, corn.
<b>S.A.:</b>						
Del.....	500	493	502	45	32	Corn, soybeans, potatoes, hay.
Md.....	1, 549	1, 504	1, 499	138	117	Corn, tobacco, hay, soybeans.
Va.....	2, 956	2, 668	2, 611	302	267	Tobacco, hay, corn, peanuts.
W. Va.....	816	750	731	46	38	Hay, apples, corn, tobacco.
N.C.....	4, 621	4, 245	4, 210	798	824	Tobacco, corn, soybeans, peanuts.
S.C.....	2, 693	2, 395	2, 235	296	270	Tobacco, soybeans, cotton, peaches.
Ga.....	4, 345	3, 713	3, 558	433	384	Peanuts, corn, tobacco, cotton lint.
Fla.....	1, 158	1, 294	1, 313	645	763	Oranges, grapefruit, tomatoes, sugarcane for sugar and seed.
<b>E.S.C.:</b>						
Ky.....	3, 679	3, 688	3, 673	480	471	Tobacco, corn, hay, soybeans.
Tenn.....	3, 904	3, 822	3, 764	358	317	Tobacco, soybeans, hay, corn.
Ala.....	3, 354	2, 954	2, 660	279	194	Cotton lint, corn, peanuts, soybeans.
Miss.....	4, 498	4, 433	4, 396	497	401	Cotton lint, soybeans, cottonseed, hay.
<b>W.S.C.:</b>						
Ark.....	5, 756	6, 624	6, 459	587	521	Soybeans, rice, cotton lint, hay.
La.....	2, 441	2, 758	2, 860	312	352	Rice, soybeans, sugarcane for sugar and seed cotton lint.
Okla.....	8, 729	8, 820	8, 539	383	339	Wheat, hay, peanuts, grain sorghum.
Tex.....	20, 972	20, 259	18, 330	1, 535	1, 268	Grain sorghum, cotton lint, wheat, rice.
<b>Mt.:</b>						
Mont.....	8, 035	8, 338	8, 116	280	322	Wheat, hay, barley, sugarbeets.
Idaho.....	3, 773	3, 806	3, 678	358	373	Potatoes, hay, wheat, sugarbeets.
Wyo.....	1, 746	1, 798	1, 684	63	72	Hay, sugarbeets, wheat, dry beans.
Colo.....	5, 800	4, 914	5, 595	241	286	Hay, wheat, sugarbeets, potatoes.
N. Mex.....	1, 064	1, 046	985	102	103	Cotton lint, hay, grain sorghum, wheat.
Ariz.....	1, 101	1, 075	959	298	224	Cotton lint, lettuce, hay, grain sorghum.
Utah.....	1, 036	1, 073	1, 067	73	76	Hay, wheat, barley, sugarbeets.
Nev.....	366	518	399	24	24	Hay, alfalfa seed, wheat, barley.
<b>Pac.:</b>						
Wash.....	4, 064	4, 087	4, 189	390	455	Wheat, apples, hay, potatoes.
Oreg.....	2, 623	2, 658	2, 695	227	244	Hay, wheat, potatoes, barley.
Calif.....	6, 685	6, 500	6, 422	2, 088	2, 075	Hay, cotton, grapes, tomatoes.

<sup>1</sup> Excludes Alaska and Hawaii.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production, Commercial Vegetables, Field Seeds, and Crop Values*.



## No. 939. WHEAT—SUPPLY AND DISAPPEARANCE: 1941 TO 1966

[In millions of 60-pound bushels. For years beginning July 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See *Historical Statistics, Colonial Times to 1957*, series K 272-273, for stocks on and off farms]

ITEM	1941- 1945, average	1946- 1950, average	1951- 1955, average	1956- 1960, average	1964	1965	1966 (prel.)
<b>Supply</b> .....	1,468	1,410	1,739	2,273	2,186	2,134	1,848
Stocks, July 1, total.....	446	222	646	1,086	901	817	535
On farms.....	126	62	73	78	75	132	131
Interior mills, elevator and warehouse stocks <sup>1</sup> .....	296	157	521	920	813	674	395
Commodity Credit Corp. <sup>2</sup> .....	24	4	53	88	13	11	9
New crop.....	985	1,185	1,078	1,170	1,284	1,316	1,311
Imports <sup>3</sup> .....	37	3	15	0	1	1	2
<b>Disappearance</b> .....	1,079	1,128	966	1,111	1,369	1,599	1,448
Food.....	478	480	474	481	520	527	530
Seed.....	74	88	76	62	65	61	78
Military procurement.....	69	117	12	7	(4)	(4)	(4)
Feed <sup>4</sup> and industry.....	359	137	75	44	59	144	80
Exports and shipments.....	98	306	328	517	725	867	760
<b>Old-crop carryover<sup>5</sup></b> .....	389	282	773	1,162	817	535	400

<sup>1</sup> Includes "Terminal market" and "Merchant mills."

<sup>2</sup> Owned or controlled by CCC in storage or in transit to ports; other CCC wheat included in other categories.

<sup>3</sup> Imports comprise full duty wheat, wheat imported for feed, and dutiable flour and other wheat products in terms of wheat. Compiled from reports of the Bureau of the Census.

<sup>4</sup> Military procurement and shipments included in "Food."

<sup>5</sup> Residual figure, assumed to roughly approximate wheat used for feed.

<sup>6</sup> For individual items, see "Stocks," above.

Source: Dept. of Agriculture, Economic Research Service; *Wheat Situation*.

## No. 940. WHEAT AND FLOUR—UNITED STATES DOMESTIC EXPORTS BY COUNTRY OF DESTINATION: 1959 TO 1965

[In thousands of 60-pound bushels. For years beginning July 1]

COUNTRY OF DESTINATION	1959- 1963, avg.	1964	1965	COUNTRY OF DESTINATION	1959- 1963, avg.	1964	1965
<b>WHEAT<sup>1</sup></b>				<b>WHEAT—Continued</b>			
<b>World total</b> .....	577,458	640,109	786,073	Turkey.....	21,295	11,726	14,556
Afghanistan.....	1,329	1,900	4,088	United Arab Republic.....	25,950	33,094	33,409
Algeria.....	7,690	4,360	10,593	United Kingdom.....	16,173	3,512	29,379
Belgium-Luxembourg.....	5,270	1,381	7,084	U.S.S.R.....	12,877	1,677	-
Brazil.....	37,738	39,826	31,487	Venezuela.....	9,045	10,094	13,796
Canary Islands.....	1,239	1,333	1,866	Yugoslavia.....	22,896	47,980	54,016
Chile.....	3,921	5,112	10,157	Other.....	28,057	11,373	17,347
China (Taiwan).....	10,293	13,072	10,712	<b>WHEAT FLOUR<sup>2</sup></b>			
Colombia.....	3,860	4,974	7,246	<b>World total</b> .....	99,578	79,893	73,616
Dominican Republic.....	691	893	2,233	Algeria.....	964	310	951
France.....	4,344	6,535	10,957	Bolivia.....	3,282	4,941	3,697
Germany, West.....	10,865	3,410	14,148	Ceylon.....	2,863	1,400	1,002
Guatemala.....	1,845	1,824	1,973	Chile.....	1,127	1,776	1,257
Haiti.....	1,461	1,765	2,040	China (Taiwan).....	1,164	640	437
India.....	125,064	215,604	261,813	Colombia.....	827	476	1,774
Iran.....	3,537	10,339	9,823	Congo (Kinshasa).....	1,878	2,032	3,467
Israel.....	8,522	6,474	8,613	Greece.....	2,061	1,123	688
Italy.....	12,958	3,184	7,152	Guyana.....	1,096	1,152	1,268
Japan.....	40,062	60,391	71,342	Italy.....	5,080	2,249	1,158
Korea, Republic of.....	16,812	15,327	14,881	Jamaica.....	834	1,067	1,044
Lebanon.....	375	624	7,914	Jordan.....	2,929	3,389	3,326
Morocco.....	6,282	9,160	5,181	Korea, Republic of.....	1,202	3,961	5,461
Netherlands.....	17,039	11,632	30,274	Lebanon.....	1,493	1,110	1,234
Nigeria.....	957	2,734	4,934	Morocco.....	1,675	3,604	2,164
Norway.....	2,553	-	6,633	Netherlands.....	2,752	854	677
Pakistan.....	41,310	64,545	35,533	Poland.....	844	815	957
Paraguay.....	1,980	1,238	-	Saudi Arabia.....	3,087	4,279	4,313
Peru.....	6,050	3,012	7,315	Sudan.....	763	2,735	4,760
Philippines.....	6,767	7,540	15,542	Trinidad and Tobago.....	1,274	1,046	803
Poland.....	29,139	1,246	-	United Arab Republic.....	28,900	19,417	13,927
Portugal.....	4,704	4,479	4,203	Viet-Nam, South.....	2,865	3,564	4,193
South Africa, Rep. of.....	1,264	-	5,735	Yugoslavia.....	2,115	2,043	799
Spain.....	12,609	1,508	230	Other.....	28,495	15,910	14,259
Sudan.....	637	2,827	1,357				
Switzerland.....	4,793	1,305	8,251				
Tunisia.....	7,205	5,499	2,260				

- Represents zero. <sup>1</sup> Includes shipments for relief. Transshipments through Canada included in data for countries of ultimate destination. <sup>2</sup> Grain equivalent; wholly of U.S. wheat.

Source: Dept. of Agriculture, Foreign Agricultural Service; unpublished data.

## No. 941. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1960 TO 1966

[Pounds per bushel, 60]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels)			PRODUCTION (mil. bushels)			PRICE <sup>1</sup> (dol. per bu.)		FARM VALUE (mil. dol.)	
	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	1965	1966 (prel.)
<b>Total.....</b>	48,481	49,560	49,843	25.2	26.5	26.3	1,221.8	1,315.6	1,310.6	1.35	1.64	1,774.5	2,151.8
Ark.....	204	356	367	30.4	26.0	32.0	6.3	9.3	11.7	1.28	1.56	11.8	18.3
Calif.....	315	278	270	28.5	26.6	27.6	8.9	7.4	7.5	1.46	1.55	10.8	11.6
Colo.....	2,046	1,265	2,371	19.6	15.7	18.1	41.7	19.8	42.8	1.33	1.58	26.3	67.6
Ga.....	72	63	65	27.3	29.0	30.0	2.0	1.8	2.0	1.42	1.59	2.6	3.1
Idaho.....	1,017	1,085	994	35.5	44.2	38.5	36.1	48.0	38.3	1.29	1.53	62.0	58.6
Ill.....	1,708	1,600	1,424	34.7	35.5	41.0	59.6	56.8	58.4	1.35	1.74	76.7	101.6
Ind.....	1,283	1,114	958	35.0	32.5	44.0	45.0	36.2	42.2	1.32	1.71	47.8	72.1
Kans.....	9,552	10,059	10,260	24.4	23.5	19.5	234.7	236.4	200.1	1.35	1.66	319.1	332.1
Ky.....	155	168	170	28.8	32.0	34.0	4.5	5.4	5.8	1.33	1.58	7.2	9.1
Md.....	137	124	124	28.1	34.0	36.0	3.9	4.2	4.5	1.28	1.58	5.4	7.1
Mich.....	1,019	802	762	35.7	33.0	40.0	36.4	26.5	30.5	1.40	1.66	37.1	50.6
Minn.....	915	830	799	24.9	27.8	22.9	22.8	23.1	18.3	1.49	1.77	34.3	32.5
Miss.....	59	153	220	28.9	27.5	34.0	1.7	4.2	7.5	1.29	1.57	5.4	11.7
Mo.....	1,278	1,186	1,210	30.1	27.5	34.0	38.7	32.6	41.1	1.33	1.68	43.4	69.1
Mont.....	3,791	4,140	3,802	21.0	25.4	26.6	79.8	105.4	101.2	1.23	1.60	129.9	151.7
Nebr.....	2,935	2,727	2,945	23.7	20.0	35.0	69.8	54.5	103.1	1.33	1.66	72.5	171.1
N. Mex.....	219	201	147	21.0	24.5	32.0	4.7	4.9	4.7	1.35	1.69	6.6	8.0
N. Y.....	216	185	176	34.7	37.0	42.0	7.4	6.8	7.4	1.38	1.64	9.4	12.1
N. C.....	282	170	165	26.2	29.0	30.0	7.5	4.9	5.0	1.39	1.62	6.9	8.0
N. Dak.....	5,924	6,841	6,737	21.3	26.0	23.4	126.0	177.9	157.6	1.39	1.68	247.4	265.2
Ohio.....	1,406	1,258	1,183	33.6	32.0	39.0	47.3	40.3	46.1	1.38	1.72	55.6	79.4
Okla.....	4,163	4,747	4,700	22.6	28.0	21.0	95.0	132.9	98.7	1.36	1.66	180.8	163.8
Oreg.....	771	806	785	33.3	35.2	33.8	25.6	28.4	26.5	1.36	1.60	38.8	42.4
Pa.....	491	408	400	30.1	35.0	36.0	14.8	14.3	14.4	1.35	1.64	19.3	23.6
S. C.....	95	64	58	25.5	28.0	29.0	2.4	1.8	1.7	1.44	1.69	2.6	2.7
S. Dak.....	2,150	2,080	2,153	16.7	17.7	18.3	36.0	36.9	39.3	1.45	1.67	53.4	65.8
Tenn.....	135	147	140	26.1	28.0	32.0	3.6	4.1	4.5	1.39	1.58	5.7	7.1
Tex.....	3,141	3,472	3,229	19.9	22.0	22.5	63.6	76.4	72.7	1.34	1.66	102.4	120.6
Utah.....	215	229	229	23.8	29.4	27.1	5.1	6.7	6.2	1.38	1.61	9.3	10.0
Va.....	202	153	145	25.6	30.0	31.0	5.2	4.6	4.5	1.38	1.60	6.3	7.2
Wash.....	1,948	2,316	2,266	35.5	39.2	39.8	69.2	90.8	90.2	1.33	1.57	120.8	141.6
Wyo.....	228	206	239	21.3	12.8	19.8	4.9	2.6	4.7	1.23	1.55	3.2	7.3
Other.....	418	327	350	29.2	29.7	33.3	12.2	9.7	11.7	(NA)	(NA)	13.7	19.0

NA Not available.

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

## No. 942. RICE, ROUGH—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1960 TO 1966

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (pounds)			PRODUCTION (mil. cwt.)			PRICE <sup>1</sup> (dol. per cwt.)		FARM VALUE (mil. dol.)	
	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	1965	1966 (prel.)
<b>Total.....</b>	1,703	1,793	1,967	3,725	4,255	4,324	63.7	76.3	85.1	4.93	4.79	376.2	407.6
Ark.....	410	434	477	3,895	4,300	4,400	16.0	18.7	21.0	4.98	4.85	92.9	101.8
Calif.....	310	327	360	4,780	4,900	5,300	14.8	16.0	19.1	4.88	<sup>2</sup> 4.30	78.2	82.0
La.....	489	515	565	3,090	3,550	3,750	15.2	18.3	21.2	4.79	4.80	87.6	101.7
Miss.....	47	50	55	3,430	3,700	4,300	1.6	1.9	2.4	5.06	4.95	9.4	11.7
Mo.....	4	5	5	3,880	4,500	4,400	0.2	0.2	0.2	4.98	4.90	1.1	1.1
Tex.....	442	462	505	3,560	4,600	4,200	15.8	21.3	21.2	5.04	5.15	107.1	109.2

<sup>1</sup> See footnote 1, table 941. <sup>2</sup> Season average price not established; price used to value production represents approximate gross loan rate.Source of tables 941 and 942: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.



No. 943. RICE, ROUGH EQUIVALENT—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1937 TO 1966

[In thousands of hundredweight. For years beginning August 1]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>2</sup>	Exports <sup>1 2</sup>	Imports <sup>1 2</sup>	Stocks, end of year
1937-1941.....	23,917	19,875	5,244	688	3,230
1942-1946.....	30,497	19,980	9,598	70	1,512
1947-1951.....	39,834	23,173	16,177	294	2,656
1952-1956.....	54,116	25,899	23,665	282	18,096
1957-1961.....	50,026	27,108	25,185	373	12,279
1960.....	54,591	26,944	29,474	288	10,080
1962.....	66,045	27,926	35,527	39	7,730
1963.....	70,269	28,733	41,803	17	7,539
1964.....	73,166	31,087	42,521	469	7,677
1965 (prel.).....	76,281	30,822	43,315	680	8,234
1966 estimate.....	85,060	32,800	52,000	500	9,000

<sup>1</sup> Includes Puerto Rico.    <sup>2</sup> Compiled from reports of the Dept. of Commerce.  
Source: Dept. of Agriculture, Economic Research Service; annual report, *Rice Situation*.

No. 944. POTATOES AND SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1960 TO 1966

[Excludes Alaska and Hawaii]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1960-1964, avg.	1965	1966 (prel.)	1960-1964, avg.	1965	1966 (prel.)	1960-1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	1965	1966 (prel.)
IRISH POTATOES	1,000	1,000	1,000	Cwt.	Cwt.	Cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.	Dol. per cwt.	Dol. per cwt.	Mil. dol.	Mil. dol.
Total.....	1,382	1,403	1,479	192	207	203	266	290	301	2.54	2.21	731	663
Ala.....	21	21	23	116	109	145	2	2	23	4.85	1.62	11	4
Calif.....	101	107	111	295	301	309	30	32	34	3.98	2.04	128	71
Colo.....	53	48	44	214	233	263	11	11	11	1.73	2.01	19	23
Fla.....	34	41	44	156	148	145	5	6	6	4.70	3.52	29	22
Idaho.....	250	282	311	192	218	212	48	61	66	1.93	2.04	119	134
Maine.....	146	148	158	257	238	245	37	35	39	2.36	2.20	83	85
Mich.....	47	50	51	175	189	176	8	10	9	2.49	2.35	24	21
Minn.....	107	94	96	119	142	119	13	13	11	1.72	1.74	23	20
N.J.....	18	17	18	240	250	185	4	4	3	2.66	2.52	11	8
N.Y.....	84	77	81	239	249	235	20	19	19	2.43	2.78	47	53
N. Dak.....	113	105	107	117	145	125	13	15	13	1.40	1.60	21	21
Oreg.....	36	39	42	242	241	250	9	9	10	2.01	2.13	19	22
Pa.....	39	38	39	191	198	162	8	8	6	2.87	3.00	22	19
Tex.....	19	22	30	142	133	149	3	3	4	5.00	2.74	15	12
Va.....	30	28	30	128	112	132	4	3	4	4.70	1.87	15	8
Wash.....	38	50	58	306	356	363	12	18	21	1.59	1.69	28	36
Wis.....	54	59	60	193	203	194	10	12	12	2.56	2.92	30	34
Other.....	193	177	178	146	155	152	28	27	27	(NA)	(NA)	88	70
SWEET-POTATOES													
Total.....	199	206	187	81	91	88	16	19	16	4.29	4.85	81	79
Ala.....	9	9	8	57	65	65	1	1	1	4.71	5.10	3	3
Calif.....	9	8	8	87	95	95	1	1	1	8.23	8.20	7	6
Ga.....	13	14	11	75	85	80	1	1	1	5.51	5.80	7	5
La.....	53	60	55	65	78	78	3	5	4	2.84	4.00	13	17
Miss.....	14	15	14	59	85	80	1	1	1	5.43	5.20	7	6
N.J.....	13	12	10	101	105	75	1	1	1	4.05	5.60	5	4
N.C.....	23	24	23	120	135	130	3	3	3	4.69	5.20	15	16
Tex.....	15	16	13	74	80	75	1	1	1	5.12	4.70	7	5
Va.....	19	20	19	108	100	100	2	2	2	3.53	4.30	7	8
Other.....	31	28	25	78	88	84	2	2	2	(NA)	(NA)	11	9

NA Not available.  
<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.  
<sup>2</sup> Includes some quantities not harvested or not marketed because of economic conditions.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.



# **No. 945. CORN FOR GRAIN—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1966**

[In millions of bushels. For years beginning October 1. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>1</sup>	Exports <sup>2</sup>	Imports <sup>2</sup>	Stocks, end of year
1931-1935.....	2,012	2,015	7	12	247
1936-1940.....	2,091	1,965	55	22	469
1941-1945.....	2,653	2,730	22	2	319
1946-1950.....	2,808	2,596	100	1	561
1951-1955.....	2,814	2,620	111	1	875
1956-1960.....	3,442	3,045	227	1	1,643
1961-1965.....	3,758	3,473	522	1	1,308
1960.....	3,907	3,387	292	1	2,016
1964.....	3,484	3,305	570	1	1,147
1965.....	4,084	3,705	687	1	840
1966 (prel.).....	4,103	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Total disappearance, minus exports of corn and grain equivalent of corn products.

<sup>2</sup> Compiled from reports of the Dept. of Commerce. Includes grain equivalent of corn products.

Source: Dept. of Agriculture, Economic Research Service, *Grain and Feed Statistics*, Statistical Bulletin No. 159 and supplements; *Feed Situation*; and Statistical Reporting Service, *Crop Production*.

# **No. 946. CORN FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1960 TO 1966**

[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1960-1964, avg.	1965	1966 (prel.)	1960-1964, avg.	1965	1966 (prel.)	1960-1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	1965	1966 (prel.)
Total	1,000 acres 59,876	1,000 acres 55,332	1,000 acres 56,888	Bu. 62.5	Bu. 73.8	Bu. 72.1	Mil. bu. 3,723	Mil. bu. 4,084	Mil. bu. 4,103	Dol. per bu. 1.16	Dol. per bu. 1.30	Mil. dol. 4,732	Mil. dol. 5,340
Ala.....	1,266	938	869	31.5	40.0	30.0	39	38	26	1.24	1.46	47	38
Calif.....	101	144	190	76.0	89.0	92.0	8	13	17	1.44	1.52	18	27
Colo.....	206	192	207	59.9	71.0	79.0	12	14	16	1.26	1.35	17	22
Del.....	140	199	209	59.0	75.0	38.0	8	15	8	1.24	1.45	19	12
Fla.....	325	352	348	34.0	44.0	43.0	11	15	15	1.20	1.36	19	20
Ga.....	1,624	1,368	1,368	35.7	49.0	43.0	58	67	59	1.25	1.46	84	86
Ill.....	8,909	9,777	10,443	79.8	94.0	80.0	708	919	835	1.16	1.32	1,066	1,103
Ind.....	4,410	4,701	5,077	76.6	94.0	78.0	336	442	396	1.12	1.29	495	511
Iowa.....	10,440	9,933	10,132	74.7	82.0	89.0	775	815	902	1.13	1.25	920	1,127
Kans.....	1,328	1,050	1,029	47.1	59.0	58.0	62	62	60	1.17	1.30	72	78
Ky.....	1,179	1,049	1,102	56.6	69.0	59.0	66	72	65	1.25	1.40	90	91
Md.....	390	474	446	59.7	74.0	44.0	23	35	20	1.21	1.47	42	29
Mich.....	1,509	1,481	1,407	61.4	61.0	67.0	92	90	94	1.15	1.25	104	118
Minn.....	5,006	4,280	4,494	61.0	61.0	76.0	305	261	342	1.06	1.23	277	420
Miss.....	784	508	447	33.4	38.0	35.0	26	19	16	1.31	1.48	25	23
Mo.....	3,082	2,941	2,844	57.2	72.0	62.0	175	212	176	1.15	1.32	244	233
Nebr.....	5,138	3,565	3,957	54.9	70.0	79.0	281	250	313	1.17	1.28	292	400
N.Y.....	192	200	206	63.0	61.0	70.0	12	12	14	1.34	1.46	16	21
N.C.....	1,435	1,316	1,355	53.2	70.0	45.0	76	92	61	1.23	1.46	113	89
Ohio.....	2,939	3,054	3,115	72.2	74.0	84.0	211	226	262	1.17	1.34	264	351
Pa.....	848	820	672	64.4	68.0	49.0	55	56	33	1.37	1.54	76	51
S.C.....	533	387	372	35.7	47.0	39.0	19	18	15	1.27	1.47	23	21
S. Dak.....	2,917	2,361	2,550	38.6	39.0	44.5	113	92	113	1.11	1.23	102	140
Tenn.....	989	792	768	45.0	53.0	48.0	44	42	37	1.26	1.42	53	52
Tex.....	993	587	528	28.6	33.0	36.0	28	19	19	1.27	1.43	25	27
Va.....	504	494	425	51.8	68.0	46.0	26	34	20	1.28	1.44	43	28
Wis.....	1,574	1,606	1,670	69.3	76.0	85.0	109	122	142	1.17	1.31	143	186
Other.....	1,114	763	658	39.4	42.9	43.2	44	33	28	(NA)	(NA)	41	38

NA Not available.

<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

No. 947. SORGHUM FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES:  
1960 TO 1966

[Pounds per bushel, 56]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels)			PRODUCTION (mil. bushels)			PRICE <sup>1</sup> (dol. per bu.)		FARM VALUE (mil. dol.)	
	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	1965	1966 (prel.)
<b>Total</b> .....	<b>12,645</b>	<b>13,029</b>	<b>12,837</b>	<b>42.6</b>	<b>51.6</b>	<b>56.1</b>	<b>537</b>	<b>673</b>	<b>720</b>	<b>1.00</b>	<b>1.02</b>	<b>668</b>	<b>737</b>
Ariz.....	111	166	195	68.3	75.0	77.0	8	12	15	1.23	1.19	15	18
Ark.....	19	41	52	28.0	38.0	42.0	1	2	2	1.11	1.19	2	3
Calif.....	234	316	382	68.4	75.0	72.0	16	24	28	1.23	1.29	29	35
Colo.....	311	350	266	28.9	35.5	42.0	9	12	11	1.01	1.05	13	12
Ga.....	17	15	12	27.8	34.0	38.0	(Z)	1	(Z)	1.12	1.25	1	1
Ind.....	12	8	10	62.4	70.0	55.0	1	1	1	.95	1.09	1	1
Iowa.....	23	44	32	63.4	71.0	75.0	1	3	2	.92	.96	3	2
Kans.....	3,374	3,031	2,849	38.8	46.0	49.0	131	139	140	.97	1.02	135	142
La.....	4	3	15	26.7	33.0	34.0	(Z)	(Z)	1	1.10	1.17	(Z)	1
Miss.....	12	9	12	34.2	33.0	43.0	(Z)	(Z)	1	1.03	1.16	(Z)	1
Mo.....	248	223	187	47.8	60.0	56.0	12	13	10	.95	1.05	13	11
Nebr.....	1,672	2,271	2,112	53.6	53.5	70.0	89	121	148	.91	.97	111	143
N. Mex.....	212	223	253	45.0	56.0	59.0	10	12	15	1.00	1.02	12	15
N.C.....	57	41	45	41.6	45.0	35.0	2	2	2	1.11	1.29	2	2
Oklahoma.....	656	590	507	29.1	37.0	40.0	19	22	20	1.02	1.06	22	21
S. Dak.....	167	402	302	38.2	29.0	40.0	6	12	12	.91	.99	11	12
Tex.....	5,453	5,251	5,566	42.4	56.0	56.0	230	294	312	1.01	1.01	297	315
Other.....	62	45	40	38.2	39.9	40.9	2	2	2	(NA)	(NA)	2	2

NA Not available. Z Less than 500,000 bushels or \$500,000. <sup>1</sup> See footnote 1, table 946.Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.No. 948. COTTON—PRODUCTION, PRICES, CONSUMPTION, TRADE, AND CARRYOVER:  
1931 TO 1966[In thousands of bales, except price. For years ending July 31. Excludes linters. Excludes Alaska, Hawaii and Puerto Rico, except for exports and imports. Production figures relate to crop of preceding calendar year and are compiled from reports of individual growers. Price per pound is average price received by growers. For stocks, see *Historical Statistics, Colonial Times to 1957*, series K 304]

YEARLY AVERAGE OR YEAR	PRODUCTION		Average price per pound of upland cotton <sup>1</sup> (cents)	Con- sump- tion <sup>2</sup> (running bales)	Net exports of do- mestic cotton (running bales)	Net imports (equiva- lent 500- pound bales)	Carry- over (running bales)
	Running bales (counting round as half bales)	Equivalent 500-pound bales, gross weight					
1931-1935.....	13,046	13,343	8.9	5,465	7,244	115	7,833
1936-1940.....	12,783	13,148	9.9	6,938	5,306	171	9,008
1941-1945.....	11,640	11,957	17.3	10,301	1,372	185	11,074
1946-1950.....	11,875	12,102	29.4	9,038	3,929	252	5,014
1951-1955.....	13,997	14,093	35.2	9,339	3,977	152	6,321
1956-1960.....	12,905	13,013	31.8	8,708	5,100	137	10,207
1961-1965.....	14,779	14,795	(NA)	8,688	4,924	142	10,589
1960.....	14,515	14,558	31.7	9,017	7,182	136	7,559
1961.....	14,265	14,272	30.2	8,252	6,632	159	7,228
1962.....	14,325	14,318	32.9	9,071	4,915	159	7,831
1963.....	<sup>1</sup> 14,864	<sup>1</sup> 14,867	32.2	8,391	3,351	137	11,216
1964.....	<sup>1</sup> 15,290	<sup>1</sup> 15,334	29.8	8,554	5,662	135	12,378
1965.....	<sup>1</sup> 15,149	<sup>1</sup> 15,182	28.0	9,171	4,060	118	14,291
1966 (prel.).....	<sup>1</sup> 9,654	<sup>1</sup> 9,666	21.5	9,497	2,942	118	16,862

NA Not available.

<sup>1</sup> Data from Dept. of Agriculture, Statistical Reporting Service.<sup>2</sup> Beginning 1951, adjusted to cotton season.Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.



No. 949. COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1960 TO 1966

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for 1960-1964 are simple averages of figures for individual years]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity <sup>2</sup>	Farm value	Farm price per ton	
<b>Total:</b>	1,000	1,000	\$1,000	Lb.	Cents	1,000 short tons	\$1,000	Dollars	\$1,000
1960-1964 .....	14,956	14,795	2,321,818	475	31.4	6,086	291,438	47.90	2,613,256
1965 .....	13,615	14,956	2,103,797	526	28.1	6,116	285,774	46.70	2,389,571
1966 (prel.) .....	9,595	9,627	1,044,455	482	21.7	3,964	260,758	65.80	1,305,213
<b>Alabama:</b>									
1960-1964 .....	866	769	123,391	428	32.2	310	13,408	43.20	136,799
1965 .....	809	850	122,815	504	28.9	341	14,970	43.90	137,785
1966 (prel.) .....	566	463	48,384	393	20.9	187	11,669	62.40	60,053
<b>Arizona:</b>									
1960-1964 .....	397	851	136,594	1,026	32.2	351	17,461	49.70	154,055
1965 .....	340	787	115,039	1,108	29.3	326	15,420	47.30	130,459
1966 (prel.) .....	251	505	57,374	966	22.8	210	12,327	58.70	69,701
<b>Arkansas:</b>									
1960-1964 .....	1,301	1,462	233,372	539	31.9	604	28,662	47.40	262,034
1965 .....	1,205	1,441	205,182	572	28.5	592	27,824	47.00	233,006
1966 (prel.) .....	855	775	89,125	435	23.0	319	20,894	65.50	110,019
<b>California:</b>									
1960-1964 .....	809	1,803	296,543	1,072	33.0	718	36,436	50.70	332,979
1965 .....	725	1,690	256,039	1,116	30.3	683	32,101	47.00	288,140
1966 (prel.) .....	618	1,260	172,041	979	27.3	504	30,845	61.20	202,886
<b>Georgia:</b>									
1960-1964 .....	662	555	87,946	403	31.8	227	9,912	43.50	97,858
1965 .....	577	563	78,639	467	28.0	227	10,192	44.90	88,831
1966 (prel.) .....	380	318	31,959	402	20.1	130	8,463	65.10	40,422
<b>Louisiana:</b>									
1960-1964 .....	530	560	89,285	507	31.9	230	10,703	46.30	99,998
1965 .....	498	562	79,971	540	28.5	228	10,442	45.80	90,413
1966 (prel.) .....	352	450	49,050	614	21.8	185	12,691	68.60	61,741
<b>Mississippi:</b>									
1960-1964 .....	1,517	1,845	298,074	586	32.4	749	37,135	49.20	335,209
1965 .....	1,430	2,017	294,172	675	29.2	822	40,196	48.90	334,368
1966 (prel.) .....	995	1,350	148,500	651	22.0	552	38,530	69.80	187,030
<b>Missouri:</b>									
1960-1964 .....	374	435	69,247	559	31.9	181	8,189	45.50	77,436
1965 .....	334	390	55,396	559	28.4	160	7,184	44.90	62,580
1966 (prel.) .....	190	165	18,810	417	22.8	68	4,243	62.40	23,053
<b>New Mexico:</b>									
1960-1964 .....	194	278	46,983	683	34.0	115	5,855	51.10	52,838
1965 .....	173	233	36,225	644	31.2	97	4,811	49.60	41,036
1966 (prel.) .....	136	180	27,347	635	30.5	75	5,283	70.50	32,635
<b>North Carolina:</b>									
1960-1964 .....	389	302	48,657	373	32.4	123	5,537	44.70	54,194
1965 .....	368	221	32,334	287	29.3	89	3,916	44.00	36,250
1966 (prel.) .....	155	93	10,556	288	22.7	38	2,459	64.70	13,015
<b>Oklahoma:</b>									
1960-1964 .....	610	352	50,609	275	28.7	143	6,801	47.80	57,410
1965 .....	555	369	47,912	319	25.9	151	6,946	46.00	54,858
1966 (prel.) .....	410	225	20,925	263	18.6	92	5,980	65.00	26,905
<b>South Carolina:</b>									
1960-1964 .....	557	457	73,998	394	32.5	186	8,181	44.00	82,179
1965 .....	489	495	73,400	484	29.7	200	8,920	44.60	82,320
1966 (prel.) .....	305	280	32,060	441	22.9	114	7,273	63.80	39,333
<b>Tennessee:</b>									
1960-1964 .....	519	603	97,531	559	32.4	246	11,684	47.30	109,215
1965 .....	499	637	92,531	611	29.1	255	11,730	46.00	104,261
1966 (prel.) .....	365	370	42,180	487	22.8	151	10,132	67.10	52,312
<b>Texas:</b>									
1960-1964 .....	6,182	4,480	662,788	347	29.5	1,886	90,725	48.00	753,513
1965 .....	5,565	4,665	608,993	402	26.1	1,930	90,517	46.90	699,510
1966 (prel.) .....	3,990	3,175	294,105	382	18.5	1,332	89,510	67.20	383,615
<b>Other States:</b>									
1960-1964 .....	50	43	6,787	410	31.9	17	748	43.20	7,535
1965 .....	48	36	5,149	362	28.4	15	605	41.60	5,754
1966 (prel.) .....	27	18	2,039	331	22.2	7	454	61.40	2,493

<sup>1</sup> Includes an allowance for unredeemed loans. For 1966, average price to Dec. 1.

<sup>2</sup> For 1966, based on 1961-1965 average ratio of lint to cottonseed.

Source: Dept. of Agriculture, Statistical Reporting Service; *Cotton and Cottonseed Production* and annual summary, *Crop Values*.



**No. 950. COTTONSEED AND PRODUCTS—PRODUCTION AND EXPORTS: 1931 TO 1966**  
 [In thousands of short tons, except as indicated. Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Excludes Alaska, Hawaii, and Puerto Rico, except for exports]

YEARLY AVERAGE OR YEAR	COTTONSEED		COTTONSEED PRODUCTS					
	Pro- duction	Used in mills	Production				Exports	
			Oil (mil. lb.)	Meal and cake	Hulls	Linters (1,000 bales) <sup>1</sup>	Oil (mil. lb.)	Meal and cake
1931-1935.....	5,932	4,474	1,399	2,032	1,229	954	28	97
1936-1940.....	5,847	4,653	1,445	2,101	1,195	1,355	8	26
1941-1945.....	5,136	4,223	1,327	1,898	1,019	1,490	20	1
1946-1950.....	4,883	4,296	1,363	1,928	1,001	1,576	55	50
1951-1955.....	5,811	5,253	1,717	2,482	1,163	1,966	226	66
1956-1960.....	5,370	4,945	1,679	2,317	1,119	1,661	387	87
1961-1965.....	6,076	5,706	1,919	2,661	1,318	1,624	382	81
1960.....	5,991	5,491	1,861	2,547	1,257	1,652	478	165
1964.....	6,192	5,887	1,981	2,790	1,340	1,597	429	61
1965.....	6,226	5,921	1,999	2,770	1,357	1,652	544	142
1966.....	6,116	5,734	1,896	2,695	1,300	1,580	302	104

<sup>1</sup> Prior to 1959, 500-pound bales; beginning 1959, 600-pound bales.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

**No. 951. SUGAR, BEET AND CANE—U.S. AND WORLD PRODUCTION: 1930 TO 1966**  
 [In thousands of short tons, raw value. Covers centrifugal only]

YEARLY AVERAGE OR CROP YEAR	Total	UNITED STATES			Puerto Rico and Virgin Islands, cane	WORLD	
		Beet	Cane			Total	Percent U.S.
			La. and Fla.	Hawaii			
1930-1934.....	3, 578	1, 396	235	1, 042	1 905	29, 820	12. 0
1935-1939.....	3, 949	1, 517	474	980	1 978	28, 352	13. 9
1940-1944.....	3, 730	1, 451	428	880	971	26, 014	14. 3
1945-1949.....	3, 978	1, 515	455	861	1, 147	27, 496	14. 5
1950-1954.....	4, 659	1, 784	566	1, 066	1, 243	39, 141	11. 9
1955-1959.....	4, 720	2, 088	572	1, 013	1, 047	49, 673	9. 5
1960-1964.....	5, 866	2, 777	935	1, 142	1, 012	60, 742	9. 7
1960.....	5, 287	2, 450	630	1, 090	1, 117	60, 050	8. 8
1964.....	6, 610	3, 332	1, 147	1, 218	913	71, 992	9. 2
1965.....	6, 041	2, 816	1, 104	1, 234	887	68, 758	8. 8
1966 (prel.).....	6, 130	2, 860	1, 200	1, 215	855	72, 834	8. 4

<sup>1</sup> Sugar 96° basis as computed by Puerto Rican mills.

**No. 952. SUGAR, BEET AND CANE—QUOTAS AND SUPPLY: 1950 TO 1966**

[In thousands of short tons, except per capita consumption in pounds]

ITEM	1950	1955	1960	1964	1965	1966 (prel.)
Quota charges by supplying areas <sup>1</sup> .....	8,274	8,402	9,526	9,109	9,920	10,355
United States (domestic areas).....	3,412	3,349	3,629	4,715	5,261	5,324
Beet.....	1,749	1,797	2,165	2,699	3,025	3,024
Mainland cane.....	518	500	619	906	1,099	1,100
Hawaii.....	1,145	1,052	845	1,110	1,137	1,200
Puerto Rico and Virgin Islands.....	1,064	1,090	903	809	834	717
Foreign areas.....	3,798	3,963	4,994	3,585	3,825	4,314
Production.....	2,466	2,386	3,076	4,408	4,152	4,042
Visible stocks, beginning of period <sup>2</sup> .....	1,759	1,930	2,005	2,490	2,700	2,648
Receipts from foreign sources.....	3,783	4,027	4,885	3,633	4,027	4,497
Receipts from offshore domestic areas.....	2,173	2,155	1,748	1,921	1,972	1,919
Domestic disappearance, total.....	8,282	8,443	9,336	9,706	10,151	10,444
Per capita consumption (refined) <sup>3</sup> .....	100.6	96.3	97.6	96.5	96.5	97.9

<sup>1</sup> Sugar quotas govern the supply of sugar from all sources, foreign and domestic, available to the conterminous United States. The formulas for allocating the quotas among the supplying areas are established by Congress; the size of the quotas is determined by the Secretary of Agriculture.

<sup>2</sup> Includes raws for processing held by importers other than refiners.

<sup>3</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Data are for military and civilian food use.

Source of tables 951 and 952: Dept. of Agriculture, Statistical Reporting Service, in annual report, *Agricultural Statistics*; and Agricultural Stabilization and Conservation Service, monthly report, *Sugar Reports*.

# No. 953. SUGAR BEETS—ACREAGE, PRODUCTION, PRICES, AND VALUE, 1931 TO 1966, AND BY STATES, 1964 TO 1966

[Totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (1,000)	Short tons per acre	Production (1,000 tons)	Price per ton <sup>1</sup> (dollars)	Farm value (mil. dol.)	STATE AND YEAR	Acres harvested (1,000)	Short tons per acre	Production (1,000 tons)	Price per ton <sup>1</sup> (dollars)	Farm value (mil. dol.)
<b>Total:</b>						<b>Michigan:</b>					
1931-1935.....	799	10.9	8,686	5.42	47	1964.....	85	16.3	1,386	10.50	15
1936-1940.....	857	12.2	10,452	5.13	54	1965.....	69	16.4	1,136	10.60	12
1941-1945.....	705	12.5	8,782	8.26	73	1966 (prel.)..	76	15.4	1,172	(NA)	(NA)
1946-1950.....	797	14.1	11,244	11.15	125	<b>Minnesota:</b>					
1951-1955.....	743	15.9	11,809	11.46	135	1964.....	120	11.1	1,325	10.60	14
1956-1960.....	883	17.5	15,417	11.52	178	1965.....	121	10.9	1,318	11.50	15
1961-1965.....	1,212	17.1	20,718	11.98	248	1966 (prel.)..	123	12.6	1,554	(NA)	(NA)
1960.....	957	17.2	16,421	11.60	190	<b>Montana:</b>					
1961.....	1,077	16.4	17,704	11.20	198	1964.....	70	14.0	973	12.90	13
1962.....	1,103	16.5	18,250	12.80	233	1965.....	61	12.4	748	12.30	9
1963.....	1,235	18.9	23,328	12.20	285	1966 (prel.)..	59	17.1	1,005	(NA)	(NA)
1964.....	1,395	16.8	23,389	11.80	276	<b>Nebraska:</b>					
1965.....	1,249	16.8	20,915	11.90	250	1964.....	86	16.3	1,407	12.90	18
1966 (prel.)..	1,161	17.6	20,383	12.10	247	1965.....	67	14.0	928	13.00	12
<b>California:</b>						1966 (prel.)..	65	18.5	1,205	(NA)	(NA)
1964 <sup>2</sup> .....	354	21.0	7,439	11.30	84	<b>North Dakota:</b>					
1965 <sup>2</sup> .....	310	20.7	6,402	11.40	73	1964.....	51	11.1	568	10.60	6
1966 <sup>2</sup> (prel.)..	270	19.9	5,373	(NA)	(NA)	1965.....	67	10.7	715	11.30	8
<b>Colorado:</b>						1966 (prel.)..	67	12.4	829	(NA)	(NA)
1964.....	177	15.7	2,783	12.40	35	<b>Washington:</b>					
1965.....	137	15.1	2,076	12.80	27	1964.....	61	22.7	1,380	11.90	16
1966 (prel.)..	141	16.6	2,335	(NA)	(NA)	1965.....	56	24.4	1,356	12.30	17
<b>Idaho:</b>						1966 (prel.)..	53	24.3	1,283	(NA)	(NA)
1964.....	175	16.1	2,817	12.50	35	<b>Wyoming:</b>					
1965.....	157	18.0	2,818	13.00	37	1964.....	64	13.5	864	12.60	11
1966 (prel.)..	120	18.9	2,259	(NA)	(NA)	1965.....	53	12.4	662	12.30	8
						1966 (prel.)..	47	16.5	779	(NA)	(NA)

NA Not available. <sup>1</sup> Season average price received by farmers. Beginning 1934, excludes Government payments under Sugar Act. Price support payments for 1943-1945 included.

<sup>2</sup> Includes some acreage carried over to the following spring.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production* and *Crop Values*.

# No. 954. SUGARCANE, CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1940 TO 1966

[Prior to 1960 and as noted, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 295-297]

YEAR	SUGARCANE FOR SUGAR AND SEED					SUGAR PRODUCED			MOLASSES MADE	
	Acreage harvested	Yield per acre <sup>1</sup>	Production	Price per ton <sup>2,3</sup>	Farm value <sup>3</sup>	Raw value <sup>4</sup>	Equivalent refined <sup>5</sup>	Sugar per ton of cane, raw value <sup>4</sup>	Total <sup>6</sup>	Blackstrap (80° Brix)
	1,000 acres	Short tons	1,000 short tons	Dollars	Mil. dol.	1,000 short tons	1,000 short tons	Pounds	Mil. gallons	Mil. gallons
1940.....	272	15.9	4,313	2.86	12	332	311	172	25	22
1945.....	285	23.5	6,707	5.67	38	475	443	152	50	35
1950.....	334	20.8	6,944	7.80	54	564	527	174	49	45
1955.....	284	25.5	7,248	6.50	47	574	536	168	53	49
1960.....	437	37.7	16,468	7.41	57	1,566	1,464	199	101	98
1961.....	471	41.6	19,607	7.71	76	1,950	1,822	208	120	116
1962.....	513	39.1	20,038	8.40	84	1,972	1,843	206	125	123
1963.....	577	41.8	24,087	10.20	142	2,284	2,134	198	148	145
1964.....	684	36.6	25,053	6.83	98	2,326	2,174	191	164	161
1965.....	617	38.4	23,663	7.90	110	2,322	2,170	204	146	143
1966 (prel.)..	625	39.2	24,510	8.73	101	2,448	2,287	208	145	143

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. In Louisiana, sugar season usually ends by December or early January; in Florida, by March following season of growth.

<sup>2</sup> Season average price received by farmers. Prices exclude Government payments under the Sugar Act. For 1945, price support payments included.

<sup>3</sup> Excludes Hawaii. <sup>4</sup> Raw value equals 96° raw sugar as defined in Sugar Act of 1948.

<sup>5</sup> Calculated on basis of 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.

<sup>6</sup> Excludes sirup production.

Source: Dept. of Agriculture, Statistical Reporting Service, in annual report, *Agricultural Statistics*; and Economic Research Service, annual report, *The Sugar Situation*.



No. 955. TOBACCO—PRODUCTION, DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1931 TO 1966

[In millions of pounds. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. Farm-sales-weight basis]

YEARLY AVERAGE OR CROP YEAR <sup>1</sup>	Produc- tion	Domestic disappear- ance <sup>2</sup>	Exports <sup>3</sup>	Imports <sup>3</sup>	Stocks, end of mar- keting year
1931-1935.....	1,268	759	456	61	2,227
1936-1940.....	1,492	927	402	74	2,415
1941-1945.....	1,604	1,283	432	75	2,543
1946-1950.....	2,080	1,411	531	87	3,014
1951-1955.....	2,217	1,471	552	106	3,753
1956-1960.....	1,864	1,408	538	139	3,976
1961-1965.....	2,160	1,467	563	170	4,182
1960.....	1,944	1,463	567	159	3,704
1961.....	2,061	1,461	590	166	3,714
1962.....	2,315	1,471	530	163	4,025
1963.....	2,344	1,440	609	168	4,323
1964.....	2,227	1,505	549	169	4,496
1965.....	1,855	1,460	538	183	4,351
1966 (prel.).....	1,847	(NA)	(NA)	179	(NA)

NA Not available.  
<sup>1</sup> Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September.  
<sup>2</sup> U.S. tobacco only.  
<sup>3</sup> Compiled from reports of the Dept. of Commerce. Calendar year, declared weight; includes stems, trimmings, and scraps.

Source: Dept. of Agriculture, Economic Research Service; *The Tobacco Situation*.

No. 956. TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1960 TO 1966

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE <sup>1</sup>		FARM VALUE	
	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1960- 1964, avg.	1965	1966 (prel.)	1965	1966 (prel.)	1965	1966 (prel.)
Total...	1,000 acres 1,159	1,000 acres 977	1,000 acres 976	Lb. 1,882	Lb. 1,898	Lb. 1,894	Mil. lb. 2,178	Mil. lb. 1,855	Mil. lb. 1,847	Ct. per lb. 65.1	Ct. per lb. 66.9	Mil. dol. 1,207	Mil. dol. 1,236
Mass.....	3	3	3	1,689	1,684	1,707	5	5	5	193.0	239.0	10	11
Conn.....	8	9	8	1,583	1,627	1,680	13	14	13	200.0	244.0	28	32
Pa.....	29	27	25	1,795	1,900	1,675	53	51	42	24.0	(NA)	12	10
Ohio.....	14	12	11	1,790	1,863	2,109	25	23	22	55.2	<sup>2</sup> 55.2	13	<sup>2</sup> 12
Ind.....	8	7	6	1,946	2,215	2,300	15	15	14	64.5	66.0	10	9
Wis.....	12	11	9	1,639	1,765	1,792	20	19	17	29.3	(NA)	6	5
Mo.....	3	3	2	1,806	1,815	2,100	6	5	5	62.3	67.0	3	3
Md.....	38	34	36	991	1,150	1,050	38	39	38	65.3	(NA)	25	25
Va.....	90	75	73	1,755	1,801	1,801	157	135	132	62.8	<sup>2</sup> 62.9	85	<sup>2</sup> 83
W. Va.....	3	2	2	1,650	1,790	1,900	4	4	4	65.7	66.5	3	2
N.C.....	466	384	413	1,965	1,845	1,872	913	708	772	64.2	66.6	455	514
S.C.....	79	66	69	2,041	2,055	1,845	162	135	127	65.3	69.3	88	88
Ga.....	71	56	63	1,932	2,031	1,550	137	114	98	69.3	73.3	79	72
Fla.....	18	16	17	1,722	1,691	1,569	31	26	27	105.0	97.2	28	26
Ky.....	235	203	177	1,924	2,106	2,315	455	428	410	<sup>2</sup> 64.5	<sup>2</sup> 64.7	276	<sup>2</sup> 265
Tenn.....	80	69	61	1,802	1,898	1,997	144	131	122	65.0	<sup>2</sup> 63.3	85	<sup>2</sup> 77
Ala.....	(Z)	1	1	1,604	1,595	1,635	1	1	1	62.0	66.0	(Z)	1
La.....	(Z)	(Z)	(Z)	842	925	475	(Z)	(Z)	(Z)	74.0	73.0	(Z)	(Z)

NA Not available. Z Less than 500 acres or 500,000 pounds.  
<sup>1</sup> Season average price received by farmers. State prices weighted by sales to obtain U.S. prices.  
<sup>2</sup> Sufficient sales data were available to estimate a season average price for a part of the State's 1966 production, but 1965 season average prices were used for some types of tobacco in evaluating production and calculating an average price for all tobacco.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries. *Crop Production and Crop Values*.



**No. 957. COMMERCIAL VEGETABLE AND OTHER SPECIFIED CROPS—ACREAGE, PRODUCTION, AND VALUE, 1965 AND 1966, AND LEADING STATES, 1966**

[Relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

CROP	ACREAGE <sup>1</sup> (1,000 acres)			PRODUCTION <sup>2</sup> (1,000 short tons)			VALUE <sup>3</sup> (\$1,000)	
	1965	1966 (prel.)	1966, leading States	1965	1966 (prel.)	1966, leading States	1965	1966 (prel.)
Artichokes.....	9.2	8.9	Calif.....	32.2	33.4	Calif.....	5,761	5,853
Asparagus.....	134.1	130.9	Calif., N.J.....	170.2	171.3	Calif., N.J.....	49,410	58,489
Beans, lima <sup>4</sup> .....	97.1	108.8	Calif., Del.....	105.0	111.8	Calif., Del.....	20,517	21,644
Beans, snap.....	333.2	347.5	N.Y., Fla.....	743.3	710.8	Oreg., N.Y.....	93,798	79,871
Beets.....	18.0	20.4	Wis., N.Y.....	198.2	213.7	N.Y., Wis.....	5,366	5,577
Broccoli.....	37.8	39.8	Calif., Oreg.....	111.6	128.2	Calif., Oreg.....	18,504	22,289
Brussels sprouts.....	6.4	6.7	Calif., N.Y.....	38.0	35.8	Calif., N.Y.....	7,967	8,446
Cabbage.....	119.1	114.7	Tex., Fla.....	1,176.2	1,106.8	N.Y., Tex.....	55,820	72,487
Cantaloups.....	119.2	114.2	Calif., Tex.....	621.0	578.2	Calif., Ariz.....	66,230	72,345
Carrots.....	79.5	81.6	Tex., Calif.....	905.1	926.6	Calif., Tex.....	63,675	75,152
Cauliflower.....	25.7	26.4	Calif., N.Y.....	127.0	121.7	Calif., N.Y.....	21,166	20,887
Celery.....	31.4	33.1	Calif., Fla.....	713.2	728.6	Calif., Fla.....	62,883	70,279
Corn, sweet.....	581.2	642.2	Wis., Minn.....	2,286.7	2,567.7	Minn., Wis.....	95,042	106,421
Cucumbers.....	166.3	184.6	N.C., Mich.....	696.0	778.9	Mich., Fla.....	62,011	76,210
Eggplant.....	3.9	3.6	Fla., N.J.....	30.5	27.4	Fla., N.J.....	3,459	3,995
Escarole.....	10.0	10.1	Fla., N.J.....	52.2	56.1	Fla., N.J.....	5,796	6,462
Garlic.....	4.6	3.5	Calif.....	27.6	18.4	Calif.....	4,636	3,020
Honeydew melons.....	10.3	9.1	Calif., Tex.....	74.8	59.4	Calif., Tex.....	8,411	7,866
Kale.....	1.2	1.3	Va.....	4.2	3.9	Va.....	580	583
Lettuce.....	215.5	219.1	Calif., Ariz.....	2,044.7	2,109.9	Calif., Ariz.....	188,962	221,019
Mint for oil.....	52.6	72.2	Wash., Oreg.....	1.6	2.1	Wash., Oreg.....	16,987	23,056
Onions.....	97.8	94.0	Calif., Tex.....	1,410.4	1,247.1	Calif., N.Y.....	88,585	114,977
Peas, green <sup>5</sup> .....	446.2	435.9	Wis., Wash.....	605.3	508.9	Wis., Wash.....	61,919	54,347
Peppers, green.....	47.7	50.3	Fla., N.J.....	204.6	201.4	Fla., Calif.....	38,970	41,889
Shallots.....	0.9	0.9	La.....	1.4	1.2	La.....	305	287
Spinach.....	42.0	43.8	Tex., Calif.....	184.4	198.0	Calif., Tex.....	14,392	14,799
Strawberries.....	79.2	79.1	Oreg., Mich.....	231.7	234.6	Calif., Oreg.....	96,986	104,894
Tomatoes.....	414.2	449.2	Calif., Fla.....	5,518.7	5,679.8	Calif., Ohio.....	357,866	355,402
Watermelons.....	317.9	304.5	Tex., Fla.....	1,520.8	1,483.4	Fla., Tex.....	48,288	53,014

<sup>1</sup> Acreage of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.

<sup>2</sup> Includes some quantities not marketed and excluded in computing value.

<sup>3</sup> Fresh market vegetables valued at f.o.b. shipping point, except garlic which is field run basis at packinghouse door. Processing vegetables are equivalent returns at packinghouse door.

<sup>4</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>5</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summary, *Commercial Vegetables*.

**No. 958. FRUITS—PRODUCTION AND VALUE, 1965 AND 1966, AND LEADING STATES, 1966**

[See *Historical Statistics, Colonial Times to 1957*, series K 316-328, for production and prices]

CROP	PRODUCTION <sup>1</sup> (1,000 units)				FARM VALUE (mil. dol.)	
	Unit	1965	1966 (prel.)	1966, leading States	1965	1966 (prel.)
Apples (34 States) <sup>2</sup> .....	Bu. (48 lb.).....	136,050	129,680	Wash., N.Y.....	270	268
Peaches.....	Bu. (48 lb.).....	73,864	71,429	Calif.....	150	173
Pears.....	Bu. <sup>3</sup> .....	20,687	30,673	Calif., Oreg.....	66	67
Grapes.....	Tons.....	4,352	3,733	Calif.....	202	184
Cherries, sweet.....	Tons.....	88	113	Oreg., Calif.....	29	42
Cherries, sour.....	Tons.....	177	89	Mich.....	16	24
Plums.....	Tons.....	125	106	Calif.....	16	17
Prunes (fresh basis) <sup>4</sup> .....	Tons.....	480	331	Calif.....	46	49
Oranges and tangerines (5 States).....	Boxes <sup>5</sup> .....	144,750	184,900	Fla.....	352	436
Grapefruit (4 States).....	Boxes <sup>6</sup> .....	46,700	51,500	Fla.....	91	100
Lemons <sup>7</sup> .....	Boxes <sup>8</sup> .....	16,270	17,500	Calif.....	54	57

<sup>1</sup> Includes some quantities not harvested or not marketed on account of economic conditions.

<sup>2</sup> Production in commercial apple areas.

<sup>3</sup> California, 48 pounds; other States, 50 pounds.

<sup>4</sup> Fresh basis for California derived by multiplying dry basis estimate by 2½.

<sup>5</sup> Net content of box varies. In California and Arizona, approximate average for oranges and tangerines is 75 pounds; in other States, oranges 90 pounds; and Florida tangerines 95 pounds.

<sup>6</sup> Approximate average, net weight, is 65 pounds in Arizona and California, 85 in Florida, and 80 in Texas.

<sup>7</sup> Includes estimates for Arizona. <sup>8</sup> About 76 pounds net.

Source: Dept. of Agriculture, Statistical Reporting Service; annual summaries, *Crop Production and Crop Values*.

## No. 959. PRINCIPAL FROZEN FOODS—PRODUCTION: 1950 TO 1966

[In millions of pounds]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
<b>Total</b> .....	<b>3,079</b>	<b>7,339</b>	<b>10,913</b>	<b>12,738</b>	<b>11,531</b>	<b>12,473</b>	<b>14,177</b>	<b>13,741</b>
Vegetables:								
Total, excluding potatoes.....	558	1,011	1,407	1,503	1,461	1,521	1,800	1,999
Potato products.....	29	129	551	762	862	1,118	1,219	1,460
Fruits and berries, excl. citrus juices.....	472	660	660	668	620	795	654	664
Juices <sup>1</sup> .....	1,212	3,429	4,555	5,649	4,159	4,429	5,513	4,343
Meat.....	35	250	310	355	362	375	450	525
Poultry.....	411	1,000	2,000	2,162	2,273	2,300	2,231	2,200
Prepared foods.....	75	625	1,100	1,300	1,400	1,550	1,875	2,115
Seafoods.....	287	235	330	339	394	385	435	435

<sup>1</sup> Includes single strength juices and concentrated juices reconstituted.Source: National Frozen Food Association, New York, N.Y.; *Frozen Food Fact Book and Directory*. Data from National Association of Frozen Food Packers; Dept. of Agriculture, Statistical Reporting Service; and Dept. of the Interior, Fish and Wildlife Service.

## No. 960. CANNED FOODS—PRODUCTION: 1950 TO 1966

[In millions of standard cases of 24 No. 303 cans, except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series P 190-191, for canned corn and tomatoes]

PRODUCT	1950	1955	1959	1960	1961	1962	1963	1964	1965	1966
<b>Fruits</b> <sup>1</sup> .....	75.4	91.4	102.5	101.5	106.4	108.4	100.7	120.3	106.9	(NA)
Apples.....	4.9	23.3	23.7	23.1	23.7	23.7	23.7	23.6	24.1	23.2
Applesauce.....	8.3	28.3	211.4	211.8	212.6	212.4	213.0	215.3	215.9	212.9
Apricots.....	3.7	5.9	5.0	6.1	4.8	4.0	4.1	5.2	5.1	5.1
Berries <sup>3</sup> .....	1.3	1.1	1.2	0.8	0.8	0.9	0.8	0.7	0.7	0.9
Cherries, red, pitted.....	3.8	3.5	3.0	1.6	2.4	3.2	0.9	3.6	2.4	0.9
Cherries, sweet.....	0.7	1.4	0.7	0.6	1.1	1.1	0.5	1.0	0.7	0.6
Citrus salad.....	0.6	20.5	20.3	20.2	20.3	20.1	20.3	20.2	20.2	(NA)
Cranberry sauce <sup>2</sup> .....	2.5	3.0	3.7	2.2	3.4	3.2	3.3	3.1	3.4	3.6
Figs.....	0.5	0.6	0.3	0.5	0.4	0.5	0.4	0.5	0.3	0.3
Fruit cocktail.....	7.5	9.8	12.1	12.8	13.7	13.8	12.6	16.2	14.5	15.8
Fruit salad.....	0.6	0.8	0.9	0.8	0.7	0.8	0.8	0.8	0.7	0.8
Grapefruit sections <sup>2</sup> .....	3.2	3.3	2.8	3.0	2.9	1.8	2.1	2.5	2.8	(NA)
Mixed fruits.....	0.1	0.2	0.4	0.4	0.4	0.5	0.4	0.6	0.5	0.5
Olives <sup>2</sup> .....	1.8	1.8	1.6	2.8	2.0	2.5	2.8	2.4	2.5	2.9
Peaches <sup>4</sup> .....	16.8	23.1	30.1	30.8	31.3	33.2	33.2	37.8	30.0	36.7
Pears.....	6.4	8.3	9.5	8.5	9.1	9.4	5.6	11.4	6.4	11.0
Pineapple <sup>2</sup> .....	11.7	14.7	14.2	15.0	15.2	15.1	15.0	13.6	15.0	16.7
Plums <sup>6</sup> .....	1.0	1.7	1.8	0.4	1.7	2.2	1.2	1.5	1.7	1.5
<b>Juices:</b> <sup>2,7</sup>										
Apple.....	3.4	3.4	6.6	6.2	6.9	7.4	8.4	9.6	9.6	8.9
Grapefruit.....	18.3	13.8	11.3	11.0	11.2	9.4	6.3	10.9	13.8	(NA)
Orange.....	22.5	16.6	16.3	11.5	14.6	11.8	8.2	10.8	12.1	(NA)
Orange-grapefruit.....	9.4	5.4	4.5	3.2	3.9	3.1	2.6	2.5	2.9	(NA)
Pineapple <sup>8</sup> .....	15.7	16.2	13.4	14.4	15.3	15.3	14.8	13.8	15.4	14.9
Tomato.....	26.2	26.9	31.1	33.0	31.6	40.2	34.5	35.3	32.8	31.9
<b>Seasonal vegetables</b> .....	151.5	167.0	179.9	177.9	202.9	204.5	203.4	192.0	207.5	(NA)
Asparagus.....	5.5	7.6	7.1	8.0	8.4	9.1	9.3	8.2	7.2	7.8
Beans, green and wax.....	25.6	28.5	30.9	33.2	40.2	36.9	37.7	37.4	45.6	40.5
Beans, lima.....	3.9	3.4	3.3	3.8	4.3	3.6	3.1	2.2	3.0	3.5
Beets <sup>2</sup> .....	9.9	9.2	9.7	8.8	10.6	12.6	12.7	10.7	10.0	(NA)
Carrots <sup>2</sup> .....	2.3	2.2	3.5	5.0	3.9	5.1	5.1	4.5	4.5	(NA)
Corn, sweet.....	22.3	29.4	41.2	35.3	46.2	45.7	44.2	37.6	39.1	45.5
Greens, leafy.....	2.4	3.1	2.2	2.9	2.4	2.2	2.8	2.9	2.7	2.9
Mixed vegetables.....	2.9	2.0	2.2	2.6	2.4	2.5	2.7	3.1	3.3	3.4
Mushrooms <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.8	1.9	1.9	(NA)
Peas, field.....	2.1	2.2	2.1	2.1	2.3	2.0	2.1	1.8	1.8	2.5
Peas, green.....	35.5	33.4	31.3	28.7	32.4	33.7	33.6	30.0	37.6	31.9
Pimientos.....	1.5	1.2	0.8	0.9	1.2	0.3	0.4	0.7	0.8	0.7
Pumpkin and squash.....	2.7	5.1	4.5	5.0	4.3	4.8	4.0	3.8	3.9	4.6
Spinach <sup>2</sup> .....	6.8	7.3	8.7	7.8	7.7	7.3	8.0	7.6	6.4	7.0
Tomatoes.....	25.8	30.2	29.4	31.0	34.0	35.5	33.0	36.4	36.0	32.7
Other vegetable packs <sup>8</sup> .....	2.3	2.2	3.0	2.8	2.6	3.2	2.9	3.2	3.7	3.3
<b>Nonseasonal vegetables:</b>										
Sauerkraut <sup>2</sup> .....	10.9	9.3	8.2	9.8	9.9	9.4	9.6	9.0	10.8	(NA)
Sweet potatoes.....	5.2	6.2	8.9	6.9	8.2	10.9	8.8	7.9	11.1	10.0
White potatoes.....	1.9	3.3	3.6	4.2	4.6	3.7	3.5	3.8	5.0	5.3
<b>Toma to products</b> .....	(NA)	39.9	39.3	48.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Catsup and chili sauce.....	14.2	22.4	23.5	30.0	29.7	38.7	29.8	34.0	35.6	37.4
<b>Seafood, salmon</b> <sup>9</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3.9	3.5	4.3

NA Not available. <sup>1</sup> Basis 24 No. 2½ cans. <sup>2</sup> Pack beginning in year shown.<sup>3</sup> Blackberries, blueberries, boysenberries, gooseberries, loganberries, raspberries, and strawberries.<sup>4</sup> Includes spiced peaches.<sup>5</sup> Hawaiian pack plus receipts from Puerto Rico. Beginning 1955, represents U.S. pack and foreign operations.<sup>6</sup> Prior to 1965, includes purple plums; thereafter, purple plums only. <sup>7</sup> Basis 24 No. 2 cans.<sup>8</sup> Succotash, carrots and peas, okra, okra and tomatoes. <sup>9</sup> Basis 48/1 lb. cans. Includes Alaska.Source: National Canners Association, Washington, D.C.; *Canned Food Pack Statistics*.



## No. 961. CANNED FOODS—CANNERS' SUPPLY AND STOCKS: 1965-66 AND 1966-67

[In thousands. Excludes Alaska and Hawaii, except as noted]

COMMODITY	Season begin- ning date	ACTUAL CASES						STANDARD CASES <sup>1</sup> (Jan. 1, stocks)	
		1965- 66, total supply	Jan. 1, 1966, stocks	1966-67 supply			Jan. 1, 1967, stocks	1966	1967
				Total	Carry- over	Pack			
VEGETABLES									
Asparagus.....	Mar. 1	8,676	2,243	8,606	1,172	7,434	2,645	2,344	2,727
Beans, green and wax.....	July 1	41,960	22,914	39,991	6,454	<sup>2</sup> 33,537	19,474	25,661	21,776
Beans, lima.....	Aug. 1	2,748	(NA)	3,283	111	3,172	(NA)	(NA)	(NA)
Beets.....	July 1	10,609	5,686	10,763	1,790	<sup>2</sup> 8,973	5,687	6,427	6,443
Carrots.....	July 1	4,239	2,045	4,561	870	<sup>2</sup> 3,691	2,068	2,528	2,558
Corn.....	Aug. 1	40,456	20,161	45,172	1,244	43,928	21,794	20,346	22,238
Peas.....	June 1	37,069	17,457	34,070	5,163	28,906	14,919	18,957	16,271
Pumpkin and squash.....	July 1	3,360	<sup>3</sup> 638	3,732	421	3,311	<sup>3</sup> 1,022	<sup>3</sup> 899	<sup>3</sup> 1,383
Sauerkraut <sup>4</sup> .....	Aug. 1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4,557	3,315
Spinach.....	Mar. 1	6,804	1,879	6,455	1,787	<sup>2</sup> 4,668	1,924	2,373	2,385
Tomatoes.....	July 1	29,890	15,629	27,395	4,886	<sup>2</sup> 22,508	13,392	20,205	17,321
Tomato catsup and chili sauce.....	July 1	53,935	31,562	53,769	9,466	44,302	31,227	31,113	30,952
FRUITS									
Apples.....	Sept. 1	4,596	2,701	3,995	1,398	<sup>2</sup> 2,597	2,350	2,520	2,175
Applesauce.....	Sept. 1	25,197	16,846	22,791	6,371	<sup>2</sup> 16,420	14,293	10,637	8,851
Apricots.....	June 1	7,806	3,636	7,595	1,396	6,199	3,250	2,863	2,560
Cherries, red, pitted.....	July 1	3,774	1,121	1,412	154	1,258	373	759	286
Cherries, sweet.....	June 1	1,549	768	1,296	357	939	606	471	370
Fruit cocktail <sup>5</sup> .....	June 1	26,189	14,544	29,710	5,478	24,232	15,234	10,294	10,922
Grapefruit segments <sup>6</sup> .....	Oct. 1	2,874	1,909	2,862	413	<sup>2</sup> 2,449	1,830	1,790	1,731
Peaches.....	June 1	42,150	15,181	46,483	5,516	40,967	19,760	12,796	16,888
Pears.....	June 1	11,460	6,053	16,290	2,387	13,903	8,708	4,867	6,759
Pineapple <sup>7</sup> .....	June 1	22,246	8,904	23,429	6,272	<sup>2</sup> 17,157	9,725	5,932	6,675
Plums.....	June 1	2,589	1,633	2,512	830	1,682	1,288	1,444	1,115
JUICES									
Citrus blends <sup>8</sup> .....	Oct. 1	1,194	651	1,147	275	<sup>2</sup> 872	609	780	733
Grapefruit <sup>6</sup> .....	Oct. 1	3,656	1,402	4,141	992	<sup>2</sup> 3,150	1,720	1,565	1,936
Orange <sup>6</sup> .....	Oct. 1	7,389	4,912	6,619	1,115	<sup>2</sup> 5,504	4,146	5,453	4,487
Pineapple <sup>7</sup> .....	June 1	14,219	6,858	14,215	3,950	<sup>2</sup> 10,265	6,715	7,563	7,523
Tomato <sup>8</sup> .....	July 1	38,215	21,209	36,307	6,554	29,753	20,089	22,857	21,430
FISH									
Maine sardines.....	Apr. 15	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	520	355
Salmon <sup>9</sup> .....	July 1	5,600	2,999	6,680	1,028	5,652	3,983	2,260	2,991

NA Not available.

<sup>1</sup> Vegetables, 24/303's except sauerkraut, 24/2½'s, and tomato catsup and chili sauce, 24/14 oz.; fruits, 24/2½'s except apples, 6/10's, and grapefruit segments, 24/2's; Maine sardines, 100/3¼'s; and salmon, 48/1 lb. <sup>2</sup> Pack to Jan. 1, 1967. <sup>3</sup> Stocks as of Dec. 1. <sup>4</sup> Converted, 10 cases of 24/2½'s per barrel of 45 gallons.

<sup>5</sup> Includes fruit for salad and mixed fruits (except citrus). <sup>6</sup> Florida only. <sup>7</sup> Hawaii and Philippines.

<sup>8</sup> Includes vegetable juice combinations containing at least 70 percent tomato juice. <sup>9</sup> Includes Alaska.

Source: Dept. of Commerce, Bureau of the Census; *Canned Food Report*.

## No. 962. LIVESTOCK—LIVEWEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS: 1940 TO 1966

[Price per 100 pounds. Prior to 1961, excludes Alaska and Hawaii except sheep exclude Hawaii for all years. See also *Historical Statistics, Colonial Times to 1957*, series K 205-212]

YEAR	ALL CATTLE			HOGS		SHEEP		
	Production <sup>1</sup>	Price, beef	Price, calves	Production <sup>1</sup>	Price	Production <sup>1</sup>	Price, sheep	Price, lambs
	<i>Mil. lb.</i>			<i>Mil. lb.</i>		<i>Mil. lb.</i>		
1940.....	15,702	\$7.56	\$8.83	17,043	\$5.39	2,101	\$3.95	\$8.10
1945.....	19,517	12.10	13.00	18,843	14.00	1,912	6.38	13.10
1950.....	21,185	23.30	26.30	20,214	18.00	1,336	11.60	25.10
1955.....	28,099	15.60	16.80	20,154	15.00	1,618	5.78	18.40
1960.....	28,796	20.40	22.90	19,203	15.30	1,628	5.60	17.90
1961.....	29,902	20.20	23.70	20,167	16.60	1,646	5.20	15.80
1962.....	30,775	21.30	25.10	20,275	16.30	1,491	5.63	17.80
1963.....	32,777	19.90	24.00	20,960	14.90	1,403	5.76	18.10
1964.....	34,836	18.00	20.40	20,217	14.80	1,331	6.00	19.90
1965.....	33,879	19.90	22.00	18,055	20.60	1,217	6.34	22.80
1966.....	34,983	22.20	26.00	19,105	22.80	1,252	7.00	23.40

<sup>1</sup> Includes adjustment for livestock shipped in and inventory changes.Source: Dept. of Agriculture, Statistical Reporting Service; in annual reports, *Agricultural Statistics and Meat Animals—Farm Production, Disposition, and Income, by States, 1965-1966*.



# NO. 963. MEATS AND LARD—SLAUGHTERING, PRODUCTION, TRADE, AND CONSUMPTION: 1945 TO 1966

[Quantities, except per capita, represent carcass weight equivalent. Excludes edible byproducts. Production of pork comprises weight of dressed hog carcass less head bones and carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Excludes USDA exports and shipments for Lend-Lease, UNRRA and other claimants, military civilian feeding, and voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings and deliveries to USDA. See *Historical Statistics, Colonial Times to 1957*, series K 214-215, K 217-218, K 220-221, and K 223-224, for animals slaughtered and production, and G 552-555, for civilian per capita consumption]

ITEM AND YEAR	ANIMALS SLAUGHTERED <sup>1</sup>		PRODUCTION <sup>1</sup>		Exports of U.S. production	Imports for con- sumption	CIVILIAN CONSUMPTION	
	Total <sup>2</sup>	Under Federal inspection	Total	Federally inspected			Total	Per capita
	<i>1,000 head</i>	<i>1,000 head</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Pounds</i>
<b>All meats (excl. lard):</b>								
1945.....	131,878	93,167	23,691	15,359	75	130	18,742	145.2
1950.....	121,622	87,656	22,075	16,040	135	384	21,721	144.6
1955.....	137,055	102,307	26,895	20,127	189	406	26,430	162.8
1960.....	135,034	104,843	28,203	21,881	195	1,048	28,658	160.8
1962.....	135,360	107,781	28,940	22,926	185	1,799	29,948	163.0
1963.....	138,537	111,729	30,546	24,598	262	2,047	31,624	169.4
1964.....	140,489	114,567	32,660	26,722	315	1,432	33,048	174.5
1965.....	130,653	107,108	31,502	25,900	231	1,347	31,999	166.7
1966 (prel.).....	129,355	107,033	32,582	26,953	233	1,721	33,028	170.5
<b>Beef:</b>								
1945.....	21,691	14,531	10,276	7,236	34	127	7,665	59.4
1950.....	18,614	13,103	9,534	7,051	21	338	9,529	63.4
1955.....	26,587	19,055	13,569	10,195	59	229	13,313	82.0
1960.....	26,029	19,394	14,728	11,442	55	760	15,147	85.0
1962.....	26,911	20,339	15,298	11,984	51	1,414	16,324	88.8
1963.....	28,070	21,662	16,428	13,137	52	1,651	17,602	94.3
1964.....	31,678	25,133	18,429	15,103	91	1,068	18,903	99.8
1965.....	33,171	26,614	18,699	15,421	91	923	19,057	99.3
1966 (prel.).....	34,169	27,319	19,694	16,220	83	1,182	20,135	103.9
<b>Veal:</b>								
1945.....	13,657	7,020	1,664	823	3	1	1,536	11.9
1950.....	10,501	5,850	1,230	667	2	10	1,206	8.0
1955.....	12,864	7,499	1,578	903	3	(Z)	1,531	9.4
1960.....	8,615	5,260	1,109	623	2	15	1,094	6.1
1962.....	7,857	4,980	1,015	575	2	26	1,004	5.5
1963.....	7,204	4,535	929	513	2	26	914	4.9
1964.....	7,632	4,820	1,013	550	5	17	991	5.2
1965.....	7,788	5,076	1,020	572	6	19	992	5.2
1966 (prel.).....	6,861	4,432	910	490	5	22	881	4.6
<b>Lamb and mutton:</b>								
1945.....	24,639	21,218	1,054	913	4	(Z)	943	7.3
1950.....	13,244	11,739	597	534	2	3	596	4.0
1955.....	16,553	14,383	758	663	1	2	753	4.6
1960.....	16,240	14,036	768	667	2	87	852	4.8
1962.....	17,168	14,692	808	695	3	143	949	5.2
1963.....	16,147	13,955	770	668	1	145	908	4.9
1964.....	14,895	12,947	715	624	2	79	795	4.2
1965.....	13,300	11,710	651	576	4	72	716	3.7
1966 (prel.).....	13,001	11,553	650	581	5	136	771	4.0
<b>Pork (excluding lard):</b>								
1945.....	71,891	50,398	10,697	6,387	34	2	8,598	66.6
1950.....	79,263	56,964	10,714	7,788	110	33	10,390	69.2
1955.....	81,051	61,370	10,990	8,366	126	175	10,833	66.8
1960.....	84,150	66,153	11,598	9,149	138	186	11,565	64.9
1962.....	83,424	67,770	11,819	9,672	132	216	11,671	63.5
1963.....	87,116	71,577	12,419	10,280	208	225	12,200	65.3
1964.....	86,284	71,667	12,503	10,445	217	268	12,359	65.3
1965.....	76,394	63,708	11,132	9,331	130	333	11,234	58.5
1966 (prel.).....	75,324	63,729	11,328	9,662	140	381	11,241	58.0
<b>Lard:</b>								
1945.....	(X)	(X)	2,066	1,311	559	(Z)	1,509	11.7
1950.....	(X)	(X)	2,631	2,009	522	(Z)	1,891	12.6
1955.....	(X)	(X)	2,660	2,140	620	(Z)	1,639	10.1
1960.....	(X)	(X)	2,562	2,127	681	(Z)	1,358	7.6
1962.....	(X)	(X)	2,476	2,104	488	(Z)	1,314	7.1
1963.....	(X)	(X)	2,473	2,117	594	(Z)	1,190	6.4
1964.....	(X)	(X)	2,473	2,153	747	(Z)	1,193	6.3
1965.....	(X)	(X)	2,045	1,772	325	(Z)	1,225	6.4
1966 (prel.).....	(X)	(X)	1,929	1,695	220	(Z)	1,076	5.6

X Not applicable. Z Less than 500,000 pounds. <sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Comprises inspected, noninspected, retail, and farm slaughter.

Source: Dept. of Agriculture, Economic Research Service; *The Livestock and Meat Situation* and *The National Food Situation*.

## No. 964. LIVESTOCK ON FARMS—NUMBER, BY STATES: 1964 AND 1967

[In thousands. For composition of regions, see fig. I, p. xii]

STATE	ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS	
	1964 (Oct.)	1967 (Jan. 1)	1964 (Oct.)	1967 <sup>1</sup> (Jan. 1)	1964 (Oct.)	1967 (Jan. 1)	1964 (Oct.)	1967 (Jan. 1)
<b>United States</b> .....	105,577	108,491	14,622	15,201	25,597	23,727	54,135	51,035
The North.....	52,689	52,739	9,860	10,026	8,593	7,270	44,909	41,088
The South.....	33,370	35,130	3,190	3,417	5,361	5,702	8,175	8,916
The West.....	19,518	20,620	1,572	1,758	11,642	10,755	1,051	1,031
<b>New England</b> .....	874	827	511	520	53	46	139	137
Maine.....	158	145	76	77	23	19	13	9
New Hampshire.....	82	77	44	45	6	5	13	13
Vermont.....	368	344	230	233	8	7	8	7
Massachusetts.....	127	123	79	78	9	9	82	89
Rhode Island.....	16	15	10	10	2	2	9	9
Connecticut.....	123	123	72	77	5	4	14	10
<b>Middle Atlantic</b> .....	3,901	3,801	2,022	2,147	330	287	667	619
New York.....	1,959	1,887	1,134	1,196	130	102	95	74
New Jersey.....	153	151	97	103	10	9	122	124
Pennsylvania.....	1,789	1,763	791	848	190	176	450	421
<b>East North Central</b> .....	14,077	13,349	3,951	4,044	2,286	2,001	16,784	15,200
Ohio.....	2,164	2,073	544	557	838	767	2,513	2,291
Indiana.....	2,053	2,019	328	323	361	322	4,504	4,084
Illinois.....	3,751	3,593	422	419	561	466	7,316	6,651
Michigan.....	1,725	1,547	574	565	323	261	716	587
Wisconsin.....	4,384	4,117	2,083	2,180	203	185	1,735	1,587
<b>West North Central</b> .....	33,838	34,764	3,377	3,315	5,925	4,936	27,320	25,132
Minnesota.....	4,281	4,077	1,237	1,230	775	648	3,401	2,652
Iowa.....	7,285	7,479	736	707	1,365	1,030	13,692	13,118
Missouri.....	4,526	4,655	461	452	447	358	3,863	3,694
North Dakota.....	2,465	2,292	229	206	597	478	342	253
South Dakota.....	4,144	4,323	223	229	1,600	1,428	1,776	1,455
Nebraska.....	5,987	6,432	250	246	550	541	2,982	2,639
Kansas.....	5,150	5,506	241	245	591	452	1,264	1,321
<b>South Atlantic</b> .....	7,276	7,493	1,126	1,222	489	447	3,742	4,009
Delaware.....	37	35	18	18	2	3	33	32
Maryland.....	415	418	175	190	23	19	151	157
Virginia.....	1,312	1,363	246	272	223	209	480	448
West Virginia.....	482	427	84	82	195	178	78	60
North Carolina.....	906	971	198	225	26	22	1,047	1,273
South Carolina.....	555	605	77	83	5	3	370	432
Georgia.....	1,747	1,797	152	163	8	7	1,284	1,333
Florida.....	1,822	1,877	176	189	7	6	299	274
<b>East South Central</b> .....	8,677	9,145	1,185	1,263	322	266	3,158	3,438
Kentucky.....	2,341	2,543	407	430	184	159	1,098	1,225
Tennessee.....	2,137	2,285	370	395	98	75	958	996
Alabama.....	1,848	1,877	160	177	13	9	721	795
Mississippi.....	2,351	2,440	248	261	27	23	381	422
<b>West South Central</b> .....	17,417	18,492	879	932	4,549	4,989	1,276	1,469
Arkansas.....	1,574	1,653	132	125	15	11	220	211
Louisiana.....	1,867	1,774	187	215	43	31	181	190
Oklahoma.....	4,200	4,308	168	173	149	145	254	350
Texas.....	9,776	10,757	392	419	4,342	4,802	621	718
<b>Mountain</b> .....	11,990	12,585	505	550	8,847	8,382	582	562
Montana.....	2,873	2,869	55	55	1,460	1,351	168	153
Idaho.....	1,603	1,557	165	171	1,007	844	106	99
Wyoming.....	1,348	1,365	23	22	2,029	1,912	30	23
Colorado.....	2,500	3,046	93	107	1,482	1,503	170	172
New Mexico.....	1,203	1,333	35	41	861	959	39	38
Arizona.....	1,104	1,134	46	56	666	527	24	34
Utah.....	750	747	75	83	1,107	1,046	38	36
Nevada.....	609	534	13	15	235	240	7	7
<b>Pacific</b> .....	7,528	8,035	1,066	1,208	2,795	2,373	470	469
Washington.....	1,376	1,354	192	217	211	163	98	96
Oregon.....	1,620	1,593	126	132	626	616	113	119
California.....	4,306	4,844	732	841	1,925	1,570	190	187
Alaska.....	8	8	2	2	21	24	1	1
Hawaii.....	218	236	14	16	12	-	68	66

- Represents zero.

<sup>1</sup> Represents cows and heifers 2 years old and over kept for milk.Source: 1964 data, Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, preliminary reports, Series AC 64-P1. 1967 data, Dept. of Agriculture, Statistical Reporting Service; annual livestock summaries.



## No. 965. LIVESTOCK—NUMBER ON FARMS AND VALUE PER HEAD: 1940 TO 1967

[Alaska and Hawaii excluded from Census data prior to 1959 and from annual data prior to 1961. See also *Historical Statistics, Colonial Times to 1957*, series K 195-204]

YEAR	ALL CATTLE		HOGS AND PIGS		STOCK SHEEP	
	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head
CENSUS DATA <sup>1</sup>						
1940 (Apr. 1).....	60,675	\$42.82	34,037	\$8.36	40,129	\$5.99
1945 (Jan. 1).....	82,654	67.78	46,735	21.14	41,224	8.71
1950 (Apr. 1).....	76,762	119.02	55,722	19.70	31,387	17.69
1954 (Oct.-Nov.).....	95,027	86.64	57,093	33.13	<sup>2</sup> 31,619	14.93
1959 (Oct. 1).....	92,534	135.20	67,949	20.18	33,945	16.38
1964 (Dec.).....	105,577	(NA)	54,135	(NA)	25,597	(NA)
ANNUAL DATA (JAN. 1)						
1940.....	68,309	40.60	61,165	7.78	46,266	6.35
1945.....	85,573	66.90	59,373	20.60	39,609	8.45
1950.....	77,963	124.00	58,937	27.10	26,182	17.80
1955.....	96,592	88.20	50,474	30.60	27,137	14.90
1960.....	96,236	137.00	59,026	18.50	28,849	16.50
1965.....	109,000	113.00	50,792	24.50	21,843	15.80
1966.....	108,862	133.00	47,414	45.20	21,456	19.70
1967 (prel.).....	108,491	149.00	51,035	33.70	20,658	19.80

NA Not available. <sup>1</sup> For 1940, animals over 3 months, except hogs over 4 months and sheep over 6 months. Thereafter, animals of all ages. <sup>2</sup> Not available for Florida, Georgia, and South Carolina.

Source: Census data—Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, preliminary reports, AC 64-P 1. Annual data—Dept. of Agriculture, Statistical Reporting Service; in annual report, *Agricultural Statistics*, and annual livestock summaries.

## No. 966. DAIRYING—COWS AND DAIRY PRODUCTS: 1950 TO 1966

[In millions of pounds, except as indicated. Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series K 226-239]

ITEM	1950	1955	1960	1963	1964	1965	1966 (prel.)
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1.....1,000 head..	23,853	23,462	19,527	<sup>1</sup> 18,379	<sup>1</sup> 17,647	<sup>1</sup> 16,981	<sup>1</sup> 15,987
Value per head.....dollars..	177.00	134.00	210.00	<sup>1</sup> 206.00	<sup>1</sup> 194.00	<sup>1</sup> 188.00	<sup>1</sup> 208.00
Milk produced on farms.....	116,602	122,945	<sup>1</sup> 123,109	<sup>1</sup> 125,202	<sup>1</sup> 126,967	<sup>1</sup> 124,173	<sup>1</sup> 120,230
Whole milk sold from farms <sup>2</sup> .....	78,140	93,632	<sup>1</sup> 106,013	<sup>1</sup> 113,084	<sup>1</sup> 116,039	<sup>1</sup> 114,547	<sup>1</sup> 111,780
Production of dairy products:							
Butter, factory <sup>3</sup> .....	1,386	1,383	1,373	1,420	1,442	1,323	1,119
Cheese, factory <sup>4</sup> .....	1,191	1,367	1,478	1,632	1,724	1,756	1,874
American <sup>5</sup> .....	897	1,008	1,007	1,120	1,168	1,170	(NA)
Swiss (including block).....	99	117	121	120	122	123	(NA)
Brick, Munster, and Limburger.....	36	49	54	51	55	56	(NA)
Cream and Neufchatel.....	69	80	106	115	122	123	(NA)
All Italian varieties.....	60	86	158	192	220	244	(NA)
All other varieties <sup>6</sup> .....	32	29	37	38	42	43	(NA)
Condensed milk.....	1,057	1,078	1,273	1,307	1,399	1,445	(NA)
Evap. milk, unskimmcd, unsweetened.....	2,882	2,580	2,177	1,897	1,888	1,693	1,731
Condensed or evaporated buttermilk.....	183	63	8	6	5	2	(NA)
Dry whole milk.....	125	108	98	91	88	89	88
Nonfat dry milk solids <sup>7</sup> .....	899	1,386	1,844	2,130	2,199	2,017	(NA)
Dry whey.....	156	211	277	317	372	404	(NA)
Malted milk powder.....	31	34	25	22	22	22	(NA)
Ice cream of all kinds <sup>8</sup> .....mil. gallons..	554	629	<sup>1</sup> 700	<sup>1</sup> 718	<sup>1</sup> 739	<sup>1</sup> 757	(NA)
Sherbet (excludes water ices).....mil. gallons..	17	37	41	<sup>1</sup> 42	<sup>1</sup> 44	<sup>1</sup> 45	(NA)
Ice milk.....mil. gallons..	37	90	145	<sup>1</sup> 203	<sup>1</sup> 218	<sup>1</sup> 231	(NA)
Wholesale prices:							
Wisconsin Cheese Exchange, twins or cheddars.....cents per lb..	30.8	31.6	34.6	34.3	35.0	35.8	43.6
Butter, N.Y. (Grade A).....cents per lb..	62.2	58.2	59.9	59.0	59.9	61.0	67.2
Prices received by farmers:							
Milkfat in cream.....cents per lb..	62.0	57.8	60.5	59.5	60.2	61.1	65.2
Whole milk:							
Wholesale, per 100 lb.....dollars..	3.89	4.01	<sup>1</sup> 4.21	<sup>1</sup> 4.10	<sup>1</sup> 4.15	<sup>1</sup> 4.25	<sup>1</sup> 4.78
Retail.....cents per qt..	18.5	20.8	<sup>1</sup> 21.7	<sup>1</sup> 22.2	<sup>1</sup> 22.3	<sup>1</sup> 22.3	<sup>1</sup> 23.2

NA Not available. <sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Comprises sales to plants and dealers, and retail sales by farmers direct to consumer.

<sup>3</sup> Includes whey, butter. <sup>4</sup> Excludes full-skim American-type cheese.

<sup>5</sup> Includes total American, part-skim and full-skim American-type cheese.

<sup>6</sup> Includes Blue Mold. <sup>7</sup> Includes dry skim milk for animal feed.

<sup>8</sup> Includes ice cream made by counter freezers and by other small retailers.

Source: Dept. of Agriculture, Statistical Reporting Service; annual reports, *Production of Manufactured Dairy Products and Milk Production, Disposition, and Income*; also in annual report, *Agricultural Statistics*.



## No. 967. POULTRY AND EGGS—PRODUCTION, BY STATES: 1965 AND 1966

[Eggs in millions; other figures in thousands. For composition of regions, see fig. I, p. xii]

STATE	EGGS PRODUCED		CHICKENS RAISED		BROILERS PRODUCED		CHICKS HATCHED BY COMMERCIAL HATCHERIES		TURKEYS RAISED	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
<b>United States</b> .....	65,692	66,450	301,435	339,921	2,334,455	2,568,338	3,002,846	3,316,925	105,914	115,507
The North.....	31,519	30,433	133,495	145,979	230,860	224,157	516,962	539,912	54,013	56,929
The South.....	23,715	25,263	124,094	147,760	2,002,766	2,230,553	2,293,208	2,560,462	28,907	33,349
The West.....	10,458	10,754	43,846	46,182	100,829	113,628	192,676	216,551	22,994	25,229
<b>New England</b> .....	2,959	3,069	14,623	15,379	89,394	91,366	127,680	132,615	651	590
Maine.....	1,031	1,095	5,290	5,819	68,357	72,458	75,741	82,589	48	47
New Hampshire.....	359	389	2,016	2,117	2,051	2,030	9,548	10,258	72	80
Vermont.....	139	135	571	582	166	70	171	138	28	33
Massachusetts.....	553	531	2,553	2,706	6,079	5,593	<sup>1</sup> 18,170	<sup>1</sup> 19,181	309	254
Rhode Island.....	80	80	393	393	935	944	( <sup>1</sup> )	( <sup>1</sup> )	19	19
Connecticut.....	797	839	3,800	3,762	11,806	10,271	24,050	20,449	175	157
<b>Middle Atlantic</b> .....	7,027	6,693	26,908	30,057	47,670	48,637	109,296	115,231	2,614	2,901
New York.....	2,267	2,297	8,978	10,325	3,208	3,304	19,335	24,990	374	378
New Jersey.....	1,378	1,191	4,211	5,053	1,500	1,350	7,215	7,975	490	610
Pennsylvania.....	3,392	3,205	13,719	14,679	42,962	43,983	82,746	82,266	1,750	1,913
<b>East North Central</b> .....	9,673	9,494	40,194	44,155	49,733	48,374	140,027	150,458	15,427	16,103
Ohio.....	2,370	2,285	9,959	10,756	10,004	10,004	29,340	31,270	3,508	3,736
Indiana.....	2,469	2,443	11,696	13,216	23,829	21,208	54,424	56,165	4,004	4,200
Illinois.....	1,821	1,800	7,775	8,552	620	542	21,297	23,192	1,334	1,336
Michigan.....	1,543	1,567	5,639	6,147	1,882	1,882	15,275	17,690	1,200	1,304
Wisconsin.....	1,470	1,399	5,125	5,484	13,398	14,738	19,691	22,141	5,381	5,527
<b>West North Central</b> .....	11,860	11,177	51,770	56,388	44,663	35,780	<sup>2</sup> 139,959	<sup>2</sup> 141,608	35,321	37,335
Minnesota.....	2,622	2,379	10,318	12,175	9,020	9,381	29,271	34,158	15,567	16,439
Iowa.....	3,854	3,616	16,082	15,439	2,603	2,499	33,940	30,725	8,139	7,223
Missouri.....	1,375	1,341	7,239	8,470	30,700	21,965	47,472	44,561	7,588	9,990
North Dakota.....	322	307	1,588	1,731	-	-	(NA)	(NA)	1,085	1,121
South Dakota.....	1,374	1,361	5,686	6,596	-	-	(NA)	(NA)	1,081	1,031
Nebraska.....	1,346	1,224	5,998	6,778	1,184	1,468	11,758	13,550	1,169	921
Kansas.....	967	949	4,859	5,199	556	467	7,593	7,105	692	610
<b>South Atlantic</b> .....	11,333	12,186	58,883 <sup>3</sup>	69,415	987,091	1,098,738	<sup>2</sup> 1,140,238	<sup>2</sup> 1,292,663	15,420	17,632
Delaware.....	132	131	673	747	109,293	117,963	(NA)	(NA)	423	318
Maryland.....	332	311	1,587	1,650	144,759	154,615	(NA)	(NA)	266	230
Virginia.....	1,091	1,084	5,716	6,745	47,884	50,278	67,763	73,392	5,660	6,234
West Virginia.....	325	329	1,258	1,321	18,605	18,605	(NA)	(NA)	2,005	1,927
North Carolina.....	2,632	2,717	13,838	14,668	234,477	264,959	264,687	286,146	4,699	5,281
South Carolina.....	1,001	1,114	5,179	6,577	16,448	17,486	21,964	24,859	822	1,130
Georgia.....	4,042	4,501	22,300	27,875	402,770	456,192	482,053	557,099	1,336	1,709
Florida.....	1,778	1,999	8,332	9,832	12,855	18,640	39,574	53,436	209	203
<b>East South Central</b> .....	6,163	6,380	31,320	36,134	508,574	568,920	565,375	616,173	1,944	1,994
Kentucky.....	678	673	3,134	3,134	10,737	10,737	7,014	6,151	994	588
Tennessee.....	972	1,011	3,995	4,874	44,893	50,325	51,374	57,350	65	42
Alabama.....	2,291	2,358	12,900	14,577	285,077	324,124	328,197	350,853	783	1,278
Mississippi.....	2,222	2,338	11,291	13,549	167,867	183,734	178,790	201,819	102	86
<b>West South Central</b> .....	6,219	6,697	33,891	42,211	507,101	562,895	587,595	651,626	11,543	14,323
Arkansas.....	2,383	2,699	13,322	17,718	320,135	361,753	367,365	409,469	4,802	6,475
Louisiana.....	712	755	3,884	4,467	31,579	35,317	35,648	43,211	15	12
Oklahoma.....	518	506	2,539	2,768	13,170	12,907	8,585	9,879	1,445	1,409
Texas.....	2,606	2,737	14,146	17,258	142,217	152,918	175,997	189,067	5,281	6,427
<b>Mountain</b> .....	1,293	1,373	5,883	6,462	7,455	9,634	<sup>2</sup> 15,047	<sup>2</sup> 16,957	5,259	6,026
Montana.....	178	188	984	1,082	-	-	(NA)	(NA)	<sup>3</sup> 230	235
Idaho.....	225	222	1,050	1,071	4,651	5,650	5,695	6,290	( <sup>3</sup> )	( <sup>3</sup> )
Wyoming.....	49	45	191	185	-	-	(NA)	(NA)	4	4
Colorado.....	238	246	1,052	1,136	<sup>4</sup> 523	<sup>4</sup> 562	2,290	2,418	2,046	2,299
New Mexico.....	145	153	662	722	-	-	(NA)	(NA)	11	12
Arizona.....	208	228	913	1,059	( <sup>4</sup> )	( <sup>4</sup> )	2,034	2,725	109	94
Utah.....	241	283	983	1,160	2,281	3,422	4,090	4,325	2,859	3,382
Nevada.....	9	8	48	47	-	-	(NA)	(NA)	-	-
<b>Pacific</b> .....	9,165	9,381	37,963	39,720	93,374	103,994	177,629	199,594	17,735	19,203
Washington.....	1,062	1,007	4,433	4,610	21,030	22,412	32,648	36,757	523	506
Oregon.....	498	512	2,164	2,229	11,200	13,263	15,557	17,189	1,545	1,725
California.....	7,406	7,664	30,570	32,099	59,852	67,034	127,221	143,757	15,667	16,972
Alaska.....	9	10	47	34	-	-	-	-	-	-
Hawaii.....	190	188	749	748	1,292	1,285	2,203	1,891	-	-

- Represents zero. NA Not available.

<sup>1</sup> Rhode Island included with Massachusetts.<sup>2</sup> Includes data for States not available separately.<sup>3</sup> Idaho included with Montana. <sup>4</sup> Arizona included with Colorado.Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.

### No. 968. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1940 TO 1967

[Prior to 1961, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 242-253]

YEAR	CHICKENS <sup>1</sup>				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound <sup>2</sup>	Number pro- duced	Price per dozen <sup>2</sup>	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound <sup>2</sup>
	1,000	Dollars	Millions	Cents	Millions	Cents	1,000	Dollars	Millions	Cents
1940.....	438,288	0.60	556	13.0	39,707	18.0	8,569	2.14	33	15.2
1945.....	516,497	1.21	799	25.9	56,221	37.7	7,082	5.79	42	33.7
1950.....	456,549	1.36	535	22.2	58,954	36.3	5,124	6.34	44	32.9
1955.....	390,708	1.05	375	18.6	59,526	39.5	4,917	5.33	65	30.2
1960.....	369,484	1.06	260	12.2	61,462	36.1	5,633	4.89	84	25.4
1961.....	366,082	1.25	275	10.1	62,423	35.6	7,008	4.91	107	18.9
1962.....	377,392	1.15	257	10.2	63,569	33.8	6,423	3.79	92	21.6
1963.....	375,575	1.16	254	10.0	63,500	34.5	6,374	4.40	94	22.3
1964.....	382,262	1.16	255	9.2	65,215	33.8	5,996	4.28	101	21.0
1965.....	394,118	1.17	240	8.9	65,692	33.7	6,100	4.40	106	22.2
1966.....	393,019	1.21	282	9.7	66,450	39.1	6,905	5.26	115	23.0
1967.....	427,619	1.20	(NA)	(NA)	(NA)	(NA)	7,340	4.95	(NA)	(NA)

NA Not available.

<sup>1</sup> Excludes commercial broilers. <sup>2</sup> Average annual price received by farmers.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.

### No. 969. WHOLE MILK SOLD, BY STATES: 1959 AND 1964

[Quantity in millions of pounds. For composition of regions, see fig. 1, p. xii]

STATE	Farms reporting, 1964 <sup>1</sup>	QUANTITY		STATE	Farms reporting, 1964 <sup>1</sup>	QUANTITY	
		1959	1964 <sup>1</sup>			1959	1964 <sup>1</sup>
<b>United States.....</b>	<b>544,791</b>	<b>97,606</b>	<b>107,422</b>	<b>South Atlantic—Con.</b>			
The North.....	400,886	68,188	75,821	Virginia.....	10,597	1,519	1,507
The South.....	110,670	15,844	17,118	West Virginia.....	3,109	395	371
The West.....	33,235	13,574	14,484	North Carolina.....	7,492	956	1,084
<b>New England.....</b>	<b>14,450</b>	<b>4,347</b>	<b>4,282</b>	South Carolina.....	1,662	407	429
Maine.....	2,568	635	592	Georgia.....	2,536	735	821
New Hampshire.....	1,555	380	366	Florida.....	711	1,087	1,256
Vermont.....	6,184	1,769	1,824	<b>East South Central...</b>	<b>61,217</b>	<b>4,788</b>	<b>5,283</b>
Massachusetts.....	2,166	724	737	Kentucky.....	27,142	1,715	1,981
Rhode Island.....	263	114	98	Tennessee.....	22,699	1,597	1,745
Connecticut.....	1,714	724	665	Alabama.....	3,615	535	647
<b>Middle Atlantic.....</b>	<b>65,166</b>	<b>16,503</b>	<b>17,797</b>	Mississippi.....	7,761	941	911
New York.....	33,226	9,335	10,143	<b>West South Central...</b>	<b>18,365</b>	<b>4,363</b>	<b>4,784</b>
New Jersey.....	2,052	999	911	Arkansas.....	5,304	614	567
Pennsylvania.....	29,888	6,169	6,743	Louisiana.....	2,594	552	793
<b>East North Central...</b>	<b>175,247</b>	<b>31,128</b>	<b>33,224</b>	Oklahoma.....	4,780	953	968
Ohio.....	28,820	4,323	4,557	Texas.....	5,687	2,244	2,456
Indiana.....	18,567	2,559	2,643	<b>Mountain.....</b>	<b>17,025</b>	<b>3,727</b>	<b>3,763</b>
Illinois.....	19,034	3,562	3,527	Montana.....	1,196	266	229
Michigan.....	25,874	4,456	5,013	Idaho.....	9,378	1,361	1,258
Wisconsin.....	82,952	16,227	17,484	Wyoming.....	523	101	122
<b>West North Central...</b>	<b>146,023</b>	<b>16,210</b>	<b>20,518</b>	Colorado.....	1,668	683	673
Minnesota.....	58,015	7,746	9,203	New Mexico.....	403	178	255
Iowa.....	33,176	3,407	4,746	Arizona.....	340	366	479
Missouri.....	26,953	2,521	2,591	Utah.....	3,376	688	629
North Dakota.....	3,296	235	477	Nevada.....	141	85	120
South Dakota.....	7,640	495	1,027	<b>Pacific.....</b>	<b>16,210</b>	<b>9,847</b>	<b>10,720</b>
Nebraska.....	7,326	550	1,049	Washington.....	5,200	1,638	1,666
Kansas.....	9,617	1,256	1,425	Oregon.....	4,378	928	854
<b>South Atlantic.....</b>	<b>31,088</b>	<b>6,692</b>	<b>7,051</b>	California.....	6,472	7,158	8,048
Delaware.....	596	179	138	Alaska.....	85	15	22
Maryland.....	4,385	1,413	1,444	Hawaii.....	75	107	131

<sup>1</sup> Preliminary.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, preliminary reports, AC 64-P1.



**No. 970. FATS AND OILS—SUPPLY, DISPOSITION, AND UTILIZATION: 1940 TO 1966**

(In millions of pounds. Prior to 1960, excludes Alaska and Hawaii; except exports and imports include Alaska, Hawaii, and Puerto Rico for all years. Includes fat content of butter)

ITEM	1940	1945	1950	1955	1960	1965	1966
<b>Total supply</b> .....	<b>12,212</b>	<b>12,375</b>	<b>15,554</b>	<b>17,684</b>	<b>20,752</b>	<b>24,415</b>	<b>24,711</b>
Production from domestic materials <sup>1</sup> .....	8,350	9,301	12,056	14,364	17,353	20,516	20,899
Imports and production from imported materials.....	1,651	904	1,320	1,056	1,074	1,178	1,362
Stocks, Jan. 1 <sup>2</sup> .....	2,211	2,170	2,178	2,264	2,325	2,721	2,450
Disposition:							
Exports <sup>3</sup> .....	423	996	2,045	4,102	5,965	7,481	6,662
Domestic disappearance <sup>4</sup> .....	9,298	9,670	11,523	11,600	12,649	14,534	15,331
Food uses <sup>5</sup> .....	6,143	5,732	7,016	7,658	8,241	9,538	9,856
Butter (fat content).....	1,806	1,316	1,327	1,237	1,112	1,049	915
Lard (direct).....	1,901	1,609	1,906	1,642	1,361	1,231	1,078
Shortening.....	1,196	1,456	1,705	1,988	2,302	2,768	3,184
Margarine.....	257	499	764	1,075	1,367	1,535	1,720
Other.....	982	853	1,314	1,717	2,094	2,955	2,959
Nonfood uses <sup>5</sup> .....	3,121	3,936	4,271	3,955	4,419	4,962	5,443

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.

<sup>2</sup> Beginning 1950, excludes Government strategic stockpiling of coconut, palm, castor, and sperm oils.

<sup>3</sup> Includes commercial exports, voluntary or civilian relief, reexports, shipments to Puerto Rico, American Samoa, Guam, and Virgin Islands. <sup>4</sup> Beginning 1950, includes Government stockpiling.

<sup>5</sup> Domestic. Not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries.

Source: Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation*; and Statistical Reporting Service. In annual report, *Agricultural Statistics*.

**No. 971. ANIMAL AND VEGETABLE FATS AND OILS: 1964 TO 1966**

(In millions of pounds. Excludes Alaska and Hawaii. Covers factory operations only and, therefore, excludes considerable quantities of lard, tallow, and grease produced on farms and by local butcheries and small renderers; and quantities consumed and held in homes, hotels, restaurants, and bakeries, and by painters, building contractors, garages, etc. Stocks include amounts held by, and in transit to, producers, factory consumers, and public storages, but excludes amounts held in private storages by retailers, wholesalers, and jobbers)

PRODUCT	1964				1965				1966 (prel.)			
	Production	Consumption <sup>1</sup>		Stocks, Dec. 31	Production	Consumption <sup>1</sup>		Stocks, Dec. 31	Production	Consumption <sup>1</sup>		Stocks, Dec. 31
		In re-finishing	In products			In re-finishing	In products			In re-finishing	In products	
<b>Vegetable oils:</b>												
Cottonseed, crude.....	1,933	1,697	(X)	147	1,974	1,774	(X)	115	1,675	1,599	(X)	120
Cottonseed, refined <sup>2</sup> .....	1,600	(X)	1,410	359	1,669	(X)	1,472	185	1,511	(X)	1,257	262
Peanut, crude.....	123	63	(X)	5	139	76	(X)	18	167	166	(X)	12
Peanut, refined <sup>2</sup> .....	61	(X)	73	3	73	(X)	75	3	160	(X)	148	12
Corn, crude.....	414	420	(X)	24	446	445	(X)	14	447	431	(X)	33
Corn, refined <sup>2</sup> .....	393	(X)	412	16	413	(X)	423	12	398	(X)	388	20
Soybean, crude.....	4,944	4,747	(X)	308	5,236	4,712	(X)	183	5,811	5,361	(X)	298
Soybean, refined <sup>2</sup> .....	4,592	(X)	4,424	236	4,547	(X)	4,437	192	5,152	(X)	5,200	213
Coconut, crude.....	328	533	(X)	<sup>3</sup> 137	365	517	(X)	<sup>3</sup> 139	(D)	605	(X)	<sup>3</sup> 173
Coconut, refined <sup>2</sup> .....	506	(X)	765	<sup>3</sup> 18	488	(X)	724	<sup>3</sup> 16	570	(X)	783	<sup>3</sup> 23
Tall, crude.....	1,104	(D)	(X)	202	1,145	(D)	(X)	241	1,243	(D)	(X)	180
Tall, refined <sup>2</sup> .....	144	(X)	1,066	53	148	(X)	1,179	58	162	(X)	1,322	67
Linseed, raw and boiled.....	444	290	(X)	151	410	275	(X)	174	454	294	(X)	173
Linseed, all other.....	(NA)	(X)	377	35	(NA)	(X)	227	39	(NA)	(X)	227	36
Chinawood or tung.....	25	(X)	33	36	27	(X)	34	52	(D)	(X)	32	64
Castor <sup>2</sup> .....	(D)	(X)	137	<sup>3</sup> 206	(D)	(X)	134	211	(D)	(X)	132	<sup>3</sup> 181
Palm.....	-	(X)	38	<sup>3</sup> 19	-	(X)	30	9	-	(X)	67	<sup>3</sup> 33
Palm kernel, crude.....	-	73	(X)	18	-	75	(X)	13	-	80	(X)	24
Palm kernel, refined <sup>2</sup> .....	64	(X)	68	3	67	(X)	70	4	72	(X)	71	5
<b>Animal fats and fish oils:</b>												
Lard <sup>4</sup> .....	2,388	(X)	535	127	1,982	(X)	570	62	1,900	(X)	596	100
Tallow, edible <sup>4</sup> .....	553	(X)	464	42	530	(X)	417	31	567	(X)	511	51
Tallow and grease, inedible <sup>4</sup> .....	4,566	(X)	2,302	366	4,303	(X)	2,210	414	4,467	(X)	2,440	447
Fish oils <sup>5</sup> .....	180	(X)	47	71	190	(X)	45	100	164	(X)	39	99

- Represents zero. D Withheld to avoid disclosing figures for individual companies.

NA Not available. X Not applicable.

<sup>1</sup> Includes hydrogenated fats and other fats and oils "in process;" includes crude oils used directly in products.

<sup>2</sup> Production includes once-refined only (alkali or caustic washed); stocks include hydrogenated oils and other "in process" oils.

<sup>3</sup> Includes stocks held by General Services Administration declared no longer required for strategic stockpile.

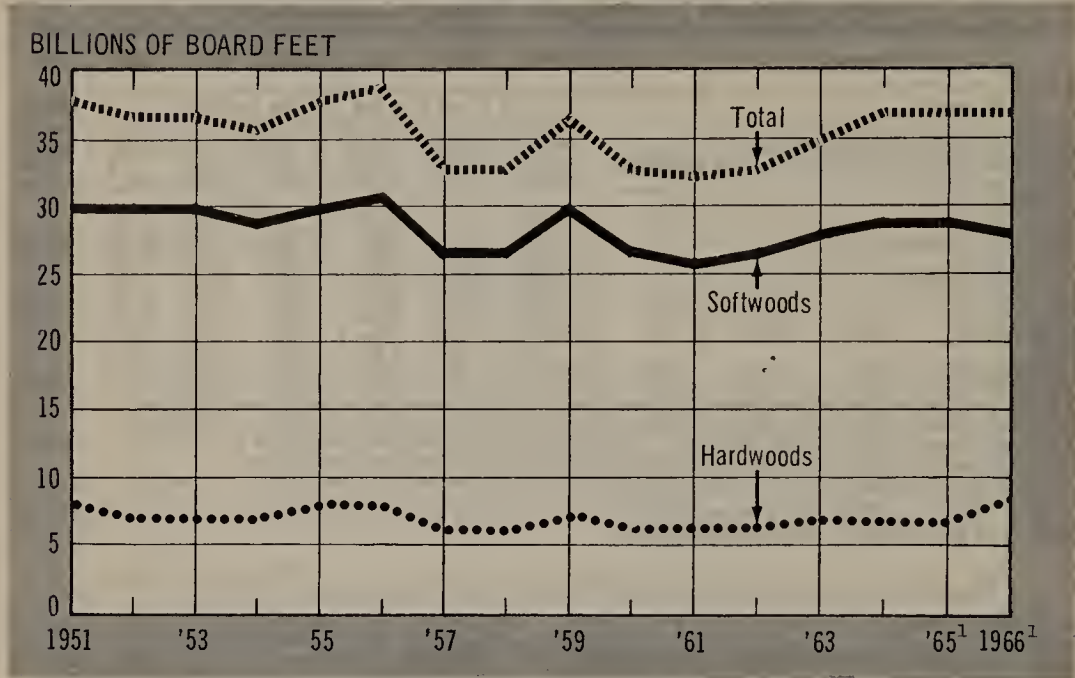
<sup>4</sup> Production is quantity rendered; consumption and stocks include both rendered and refined.

<sup>5</sup> Includes data for menhaden, sardine, and fish oils other than cod and cod liver.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M 20K-13.

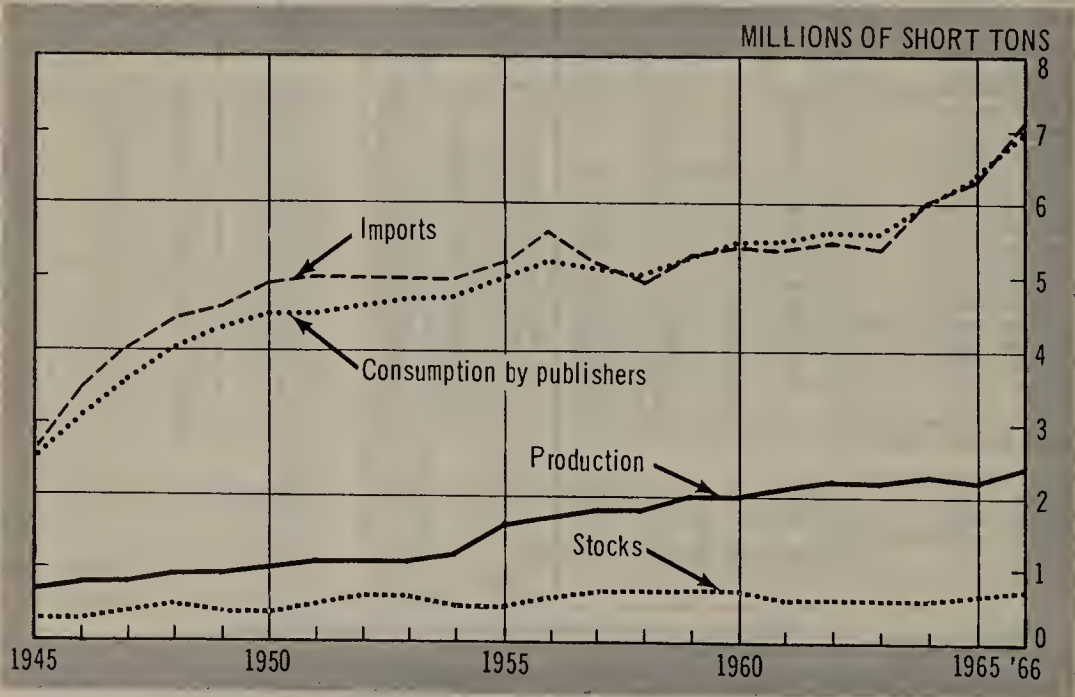


Fig. XLII. LUMBER PRODUCTION: 1951 TO 1966  
[See table 982]



<sup>1</sup> Preliminary.  
Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from National Forest Products Association, Washington, D.C.

Fig. XLIII. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, AND IMPORTS: 1945 TO 1966  
[See table 995]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Commerce, Office of Business Economics, and Bureau of the Census.

## Section 25

### Forests and Forest Products

This section presents basic statistics on the area and ownership of commercial forest land, and on the annual growth, cut, and volume of timber on this land; forestry statistics covering the national forests and Forest Service cooperative programs; product statistics for lumber, pulpwood, wood pulp, paper and paperboard, turpentine, rosin, and veneer logs; and other similar data.

The principal sources of these data are *Timber Trends in the United States*, issued in 1965 by the Forest Service of the Department of Agriculture, and *The Demand and Price Situation for Forest Products, National Forest System*, and *Forest Fire Statistics*, issued annually by the Forest Service; and reports of the quinquennial Census of Manufactures and the monthly and quarterly *Current Industrial Reports*, issued by the Bureau of the Census. Additional information in this field is published in the *Annual Report* of the National Forest Reservation Commission, the *Annual Naval Stores Report* of the Department of Agriculture's Statistical Reporting Service, the monthly *Survey of Current Business* of the Office of Business Economics, and the monthly *Fingertip Facts and Figures* of the National Forest Products Association, Washington, D.C.

The Bureau of the Census also collects statistics on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the Association of American Railroads.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those which have not been surveyed. Estimates of fire damage or causes of fires are not completely reliable, although forest fire statistics for Federal lands are considered much better than those for private lands. In the field of forest products, much more data are available for lumber production and other manufactured products such as veneer and plywood, pulp and paper, naval stores, etc., than for the primary forest products such as poles and piling, fuelwood, and fence posts.

A historical series for production, imports, exports, and consumption of forest products is included in table 1021.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

## No. 972. FOREST LAND—TOTAL AND COMMERCIAL, BY STATES: 1963

[In thousands of acres. As of January 1]

STATE	Total forest land	All owner-ships	COMMERCIAL FOREST LAND <sup>1</sup>							
			Federally owned or managed			State, county, and municipal	Private			
			Total	National forest	Other		Total	Farm	Wood-using industries	Other
United States.....	758,865	508,845	113,176	96,804	16,372	28,692	366,977	151,017	66,628	149,332
<b>The North.....</b>	<b>178,440</b>	<b>171,789</b>	<b>12,508</b>	<b>10,265</b>	<b>2,243</b>	<b>19,499</b>	<b>139,782</b>	<b>55,503</b>	<b>14,316</b>	<b>69,963</b>
New England.....	31,886	31,451	906	831	75	905	29,640	4,727	8,104	16,809
Connecticut.....	1,990	1,973	1	—	1	154	1,818	349	3	1,466
Maine.....	17,425	17,169	66	39	27	139	16,964	1,715	6,521	8,728
Massachusetts.....	3,288	3,259	29	—	29	370	2,860	512	259	2,089
New Hampshire.....	5,019	4,907	579	569	10	118	4,210	725	793	2,692
Rhode Island.....	434	430	—	—	—	26	404	62	—	342
Vermont.....	3,730	3,713	231	223	8	98	3,384	1,364	528	1,492
<b>Middle Atlantic.....</b>	<b>46,646</b>	<b>43,888</b>	<b>1,538</b>	<b>1,319</b>	<b>219</b>	<b>4,170</b>	<b>38,180</b>	<b>10,136</b>	<b>2,329</b>	<b>25,715</b>
Delaware.....	392	391	1	—	1	8	382	191	124	67
Maryland.....	2,920	2,897	54	—	54	160	2,683	953	57	1,673
New Jersey.....	2,229	2,120	17	—	17	237	1,866	251	4	1,611
New York.....	14,450	12,002	98	—	98	797	11,107	3,011	1,172	6,924
Pennsylvania.....	15,186	15,089	485	450	35	2,815	11,789	2,909	442	8,438
West Virginia.....	11,469	11,389	883	869	14	153	10,353	2,821	530	7,002
<b>Lake.....</b>	<b>55,211</b>	<b>52,392</b>	<b>7,554</b>	<b>5,933</b>	<b>1,621</b>	<b>13,687</b>	<b>31,151</b>	<b>13,931</b>	<b>3,196</b>	<b>14,024</b>
Michigan.....	19,699	19,121	2,540	2,420	120	3,780	12,801	3,841	1,548	7,412
Minnesota.....	19,047	17,056	2,813	2,141	672	6,720	7,523	3,344	715	3,464
North Dakota.....	439	424	118	—	118	10	296	173	—	123
South Dakota (east).....	438	395	173	—	173	21	201	201	—	—
Wisconsin.....	15,588	15,396	1,910	1,372	538	3,156	10,330	6,372	933	3,025
<b>Central.....</b>	<b>44,697</b>	<b>44,058</b>	<b>2,510</b>	<b>2,182</b>	<b>328</b>	<b>737</b>	<b>40,811</b>	<b>26,709</b>	<b>687</b>	<b>13,415</b>
Illinois.....	3,871	3,761	229	188	41	11	3,521	2,216	17	1,288
Indiana.....	4,018	3,960	177	112	65	117	3,666	2,883	9	774
Iowa.....	2,620	2,595	13	3	10	24	2,558	2,282	—	276
Kansas.....	1,668	1,664	1	—	1	—	1,663	1,160	—	503
Kentucky.....	10,891	10,840	575	438	137	77	10,188	5,188	308	4,692
Missouri.....	15,296	14,977	1,361	1,310	51	224	13,392	9,228	279	3,885
Nebraska.....	1,162	1,140	66	43	23	12	1,062	908	—	154
Ohio.....	5,171	5,121	88	88	—	272	4,761	2,844	74	1,843
<b>The South.....</b>	<b>220,304</b>	<b>201,069</b>	<b>14,062</b>	<b>10,476</b>	<b>3,586</b>	<b>2,820</b>	<b>184,187</b>	<b>78,897</b>	<b>37,422</b>	<b>67,868</b>
South Atlantic.....	48,994	47,604	3,361	2,591	770	606	43,637	29,127	8,180	6,330
North Carolina.....	20,862	20,216	1,247	963	284	290	18,679	13,327	4,047	1,305
South Carolina.....	11,640	11,559	837	543	294	176	10,546	5,637	2,503	2,406
Virginia.....	16,492	15,829	1,277	1,085	192	140	14,412	10,163	1,630	2,619
<b>East Gulf.....</b>	<b>46,269</b>	<b>44,772</b>	<b>3,314</b>	<b>1,771</b>	<b>1,543</b>	<b>715</b>	<b>40,743</b>	<b>18,350</b>	<b>9,971</b>	<b>12,422</b>
Florida.....	19,904	18,474	1,640	1,030	610	580	16,254	3,485	5,285	7,484
Georgia.....	26,365	26,298	1,674	741	933	135	24,489	14,865	4,686	4,938
<b>Central Gulf.....</b>	<b>53,685</b>	<b>53,361</b>	<b>2,900</b>	<b>2,329</b>	<b>571</b>	<b>1,019</b>	<b>49,442</b>	<b>19,211</b>	<b>7,908</b>	<b>22,323</b>
Alabama.....	21,770	21,742	799	630	169	202	20,741	7,632	4,074	9,035
Mississippi.....	18,008	17,976	1,267	1,108	159	452	16,257	5,834	2,888	7,535
Tennessee.....	13,907	13,643	834	591	243	365	12,444	5,745	946	5,753
<b>West Gulf.....</b>	<b>71,356</b>	<b>55,332</b>	<b>4,487</b>	<b>3,785</b>	<b>702</b>	<b>480</b>	<b>50,365</b>	<b>12,209</b>	<b>11,363</b>	<b>26,793</b>
Arkansas.....	21,591	21,530	2,641	2,373	268	205	18,684	5,613	4,028	9,043
Louisiana.....	16,576	16,512	704	575	129	181	15,627	2,808	3,223	9,596
Oklahoma.....	9,235	5,299	423	219	204	60	4,816	1,353	984	2,479
Texas.....	23,954	11,991	719	618	101	34	11,238	2,435	3,128	5,675
<b>The West.....</b>	<b>360,121</b>	<b>135,987</b>	<b>86,606</b>	<b>76,063</b>	<b>10,543</b>	<b>6,373</b>	<b>43,008</b>	<b>16,617</b>	<b>14,890</b>	<b>11,501</b>
Pacific Northwest.....	172,276	51,884	29,123	24,009	5,114	3,269	19,492	5,896	9,410	4,186
Alaska.....	118,487	5,761	5,585	5,304	281	146	30	—	—	30
Oregon.....	30,739	26,613	15,379	12,545	2,834	923	10,311	3,329	5,009	1,973
Washington.....	23,050	19,510	8,159	6,160	1,999	2,200	9,151	2,567	4,401	2,183
<b>Pacific Southwest.....</b>	<b>44,523</b>	<b>18,480</b>	<b>9,162</b>	<b>8,656</b>	<b>506</b>	<b>681</b>	<b>8,637</b>	<b>1,952</b>	<b>2,945</b>	<b>3,740</b>
California.....	42,541	17,391	9,153	8,656	497	194	8,044	1,586	2,945	3,513
Hawaii.....	1,982	1,089	9	—	9	487	593	366	—	227
<b>Northern Rocky Mt.....</b>	<b>55,039</b>	<b>39,287</b>	<b>28,467</b>	<b>26,209</b>	<b>2,258</b>	<b>1,753</b>	<b>9,067</b>	<b>4,076</b>	<b>2,323</b>	<b>2,668</b>
Idaho.....	21,815	15,823	11,817	11,310	507	940	3,066	1,229	1,204	633
Montana.....	22,048	17,300	11,801	10,578	1,223	639	4,860	2,002	1,047	1,811
South Dakota (west).....	1,399	1,311	966	957	9	63	282	223	17	42
Wyoming.....	9,777	4,853	3,883	3,364	519	111	859	622	55	182
<b>Southern Rocky Mt.....</b>	<b>88,283</b>	<b>26,336</b>	<b>19,854</b>	<b>17,189</b>	<b>2,665</b>	<b>670</b>	<b>5,812</b>	<b>4,693</b>	<b>212</b>	<b>907</b>
Arizona.....	19,902	3,870	3,701	2,551	1,150	34	135	46	69	20
Colorado.....	22,583	12,275	8,907	8,384	523	235	3,133	2,649	14	470
Nevada.....	12,036	109	32	30	2	—	77	11	—	66
New Mexico.....	18,807	6,083	4,118	3,441	677	161	1,804	1,447	129	228
Utah.....	14,955	3,999	3,096	2,783	313	240	663	540	—	123

— Represents zero.

<sup>1</sup> Comprises all land which was (a) producing, or physically capable of producing, usable crops of wood, (b) economically available on date shown or prospectively, and (c) not withdrawn from timber utilization.Source: Dept. of Agriculture, Forest Service; *Timber Trends in the United States*, 1965.



## Sawtimber and Growing Stock

659

## No. 973. SAWTIMBER AND GROWING STOCK—GROWTH AND CUT, 1962, AND VOLUME, 1963, ON COMMERCIAL FOREST LAND, BY STATES

[Sawtimber comprises all live trees of commercial species which contain at least 1 saw log defined as follows: Softwoods must be at least 9.0 inches in diameter, breast height, except in California, Oregon, Washington, and coastal Alaska where the minimum diameter is 11.0 inches. Hardwoods must be at least 11.0 inches in diameter in all States. Growing stock comprises all live sawtimber trees, poletimber trees, saplings, and seedlings meeting specified standards of quality or vigor; excludes cull trees]

STATE	SAWTIMBER (mil. bd. ft. int'l ¼ inch log rule)					GROWING STOCK (mil. cu. ft.)				
	Net annual growth, 1962 <sup>1</sup>	Net annual cut, 1962 <sup>2</sup>	Net volume, 1963 <sup>3</sup>			Net annual growth, 1962 <sup>1</sup>	Net annual cut, 1962 <sup>2</sup>	Net volume, 1963 <sup>3</sup>		
			Total	Soft-wood	Hard-wood			Total	Soft-wood	Hard-wood
United States	54,853	48,401	2,536,799	2,058,022	478,777	16,265	10,148	627,882	434,082	193,800
The North	12,475	6,126	309,774	66,627	243,147	4,836	1,696	136,469	31,306	105,163
New England <sup>4</sup>	1,967	1,348	54,428	30,368	24,060	1,002	398	30,695	16,003	14,692
Connecticut	90	42	2,277	190	2,087	42	20	1,536	117	1,419
Maine	1,069	890	31,282	20,657	10,625	575	260	17,848	11,679	6,169
Massachusetts	101	86	2,553	851	1,702	52	27	2,027	510	1,517
New Hampshire	395	191	9,011	5,859	3,152	188	50	4,679	2,537	2,142
Vermont	306	134	9,113	2,784	6,329	138	38	4,395	1,143	3,252
Middle Atlantic	4,316	1,759	103,704	13,744	89,960	1,686	486	46,611	5,664	40,947
Delaware	52	31	1,255	546	709	18	8	535	238	297
Maryland	376	181	8,792	1,669	7,123	130	48	3,695	833	2,862
New Jersey	139	60	3,543	604	2,939	51	21	1,462	314	1,148
New York	1,128	469	31,983	7,009	24,974	420	127	14,147	2,757	11,390
Pennsylvania	1,254	573	27,732	2,351	25,381	547	177	14,929	955	13,974
West Virginia	1,367	445	30,399	1,565	28,834	520	105	11,843	567	11,276
Lake <sup>4</sup>	2,604	1,300	59,705	18,213	41,492	1,152	469	31,896	8,350	23,546
Michigan	1,036	495	26,496	7,400	19,096	415	166	12,520	3,233	9,287
Minnesota	875	329	15,519	6,560	8,959	389	135	9,802	3,607	6,195
Wisconsin	633	467	16,296	4,201	12,095	326	165	8,866	1,499	7,367
Central	3,588	1,719	91,937	4,302	87,635	996	343	27,267	1,289	25,978
Illinois	209	173	8,576	28	8,548	85	30	2,344	16	2,328
Indiana	481	188	12,565	62	12,503	117	33	3,359	33	3,326
Iowa	217	75	6,194	6	6,188	50	15	1,644	4	1,640
Kansas	142	33	4,280	10	4,270	30	7	1,158	9	1,149
Kentucky	1,396	632	29,261	2,485	26,776	365	123	8,687	671	8,016
Missouri	482	335	12,612	879	11,733	182	79	5,021	338	4,683
Nebraska	58	16	1,672	423	1,249	12	4	437	104	333
Ohio	603	267	16,777	409	16,368	155	61	4,617	114	4,503
The South	25,330	15,375	412,070	224,757	187,313	7,469	4,236	134,086	62,688	71,398
South Atlantic	6,738	4,790	117,554	54,697	62,857	2,013	1,197	40,516	17,053	23,463
North Carolina	3,208	2,004	55,443	28,006	27,437	906	489	18,701	8,445	10,256
South Carolina	1,555	1,299	24,991	13,990	11,001	492	340	8,122	4,258	3,864
Virginia	1,975	1,487	37,120	12,701	24,419	615	368	13,693	4,350	9,343
East Gulf	4,913	2,825	69,890	44,661	25,229	1,519	836	24,663	14,854	9,809
Florida	1,342	826	22,034	15,233	6,781	414	254	7,145	4,758	2,387
Georgia	3,571	1,999	47,856	29,408	18,448	1,105	582	17,518	10,096	7,422
Central Gulf	6,166	3,811	93,619	49,746	43,873	1,786	1,121	30,359	13,379	16,980
Alabama	3,297	1,687	46,602	28,307	18,295	856	524	14,448	7,673	6,775
Mississippi	1,969	1,305	26,364	17,111	9,253	611	387	8,436	4,424	4,012
Tennessee	900	819	20,653	4,328	16,325	319	210	7,475	1,282	6,193
West Gulf	7,513	3,949	131,007	75,653	55,354	2,151	1,082	38,548	17,402	21,146
Arkansas	2,369	1,607	42,348	26,363	15,985	707	424	12,702	5,909	6,793
Louisiana	2,985	1,368	52,280	25,140	27,140	539	390	15,204	5,704	9,500
Oklahoma	241	124	4,754	2,483	2,271	77	34	1,608	618	990
Texas	1,918	850	31,625	21,667	9,958	528	234	9,034	5,171	3,863
The West	17,048	26,900	1,814,955	1,766,638	48,317	3,960	4,216	357,327	340,088	17,239
Pacific Northwest	9,951	17,138	1,091,929	1,055,470	36,459	2,379	2,617	203,085	191,867	11,218
Alaska	379	618	182,555	180,930	1,625	64	97	35,064	34,718	346
Oregon	3,655	10,795	536,309	515,879	20,430	874	1,617	95,123	89,203	5,920
Washington	5,917	5,725	373,065	358,661	14,404	1,441	903	72,898	67,946	4,952
Pacific Southwest <sup>4</sup>	3,527	5,923	304,634	302,298	2,336	651	947	55,518	54,861	657
California	3,527	5,920	303,912	302,298	1,614	651	947	55,298	54,861	437
Northern Rocky Mt <sup>4</sup>	2,429	2,878	271,192	269,645	1,547	586	487	61,738	60,855	883
Idaho	1,212	1,435	126,801	126,484	317	283	249	26,514	26,244	270
Montana	892	1,277	112,637	111,799	838	197	206	25,770	26,486	284
South Dakota (west)	46	53	3,430	3,423	7	21	12	996	991	5
Wyoming	279	113	28,324	27,939	385	85	20	7,458	7,134	324
Southern Rocky Mt <sup>4</sup>	1,141	961	147,200	139,225	7,975	344	165	36,986	32,505	4,481
Arizona	329	397	28,287	28,098	189	70	65	6,236	6,116	120
Colorado	514	230	64,258	60,477	3,781	161	43	17,337	14,897	2,440
New Mexico	198	251	31,742	29,872	1,870	56	41	7,437	6,876	561
Utah	95	80	22,341	20,213	2,128	56	15	5,825	4,490	1,335

<sup>1</sup> Comprises natural growth and excludes catastrophic losses.

<sup>2</sup> Sawtimber and poletimber trees removed from inventory by harvesting, land use change, or silviculture treatment. <sup>3</sup> As of Jan. 1. <sup>4</sup> Includes States not shown separately.

Source: Dept. of Agriculture, Forest Service; *Timber Trends in the United States*, 1965.

No. 974. NATIONAL FOREST LANDS AND PURCHASES: 1940 TO 1966

[Area as of June 30, purchases for years ending June 30. Includes Puerto Rico. Lands to be purchased must be approved by National Forest Reservation Commission, which also sets prices at which such lands may be acquired. Actual purchases are made by Department of Agriculture. See also *Historical Statistics, Colonial Times to 1957*, series L 1-5]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
<b>Areas:</b> <sup>1</sup>								
Gross area within unit boundaries.....mil. acres..	228	229	236	227	226	226	226	227
National Forest System lands.....mil. acres..	177	181	188	186	186	186	187	<sup>2</sup> 186
<b>Purchases:</b>								
Gross area approved for purchase.....acres..	553,077	61,078	18,665	7,845	24,698	40,873	28,507	171,947
Average price per acre.....	\$3.98	\$8.71	\$10.30	\$14.76	\$72.69	\$39.14	\$46.67	\$77.39
Total price.....\$1,000.....	2,203	532	192	114	1,795	1,600	1,331	13,307
Purchase completed.....acres..	659,672	96,963	12,063	7,547	12,001	23,661	33,239	36,091
Average price per acre.....	\$4.14	\$7.28	\$12.23	\$31.21	\$90.23	\$58.83	\$38.97	\$50.93
Total price.....\$1,000.....	2,733	706	148	237	1,083	1,392	1,295	1,838

<sup>1</sup> Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, experimental areas and land utilization projects.    <sup>2</sup> Excludes lands in process of acquisition.  
Source: Dept. of Agriculture, Forest Service; annual report, *National Forest System*, and National Forest Reservation Commission; *Annual Report*.

No. 975. NATIONAL FOREST LAND PURCHASES—STATES AND PUERTO RICO:  
CUMULATIVE TO JUNE 30, 1966

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts. See headnote, table 974]

STATE OR OTHER AREA	Gross area <sup>1</sup> (1,000 acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres (1,000)	Average price per acre	Total price (\$1,000)	Acres (1,000)	Average price per acre	Total price (\$1,000)
<b>Total.....</b>	<b>55,557</b>	<b>19,206</b>	<b>\$4.90</b>	<b>94,035</b>	<b>19,036</b>	<b>\$4.25</b>	<b>80,890</b>
Alabama.....	1,252	504	3.68	1,855	504	3.67	1,851
Arkansas.....	3,431	1,224	3.63	4,447	1,216	3.31	4,027
California.....	2,884	153	9.10	1,393	153	9.10	1,393
Florida.....	1,223	783	3.24	2,535	783	3.21	2,513
Georgia.....	1,538	610	6.11	3,725	605	5.26	3,184
Idaho.....	727	37	3.56	131	37	3.56	131
Illinois.....	809	206	9.06	1,870	199	6.68	1,329
Indiana.....	723	124	10.87	1,343	118	8.51	1,007
Iowa.....	5	5	9.11	43	5	9.11	43
Kentucky.....	2,003	527	7.78	4,098	461	4.17	1,924
Louisiana.....	957	552	2.99	1,651	552	2.99	1,651
Maine.....	93	50	6.60	327	50	6.60	327
Michigan.....	4,771	1,923	6.45	12,405	1,903	3.30	6,276
Minnesota.....	5,042	1,613	5.20	8,394	1,612	5.16	8,321
Mississippi.....	2,090	1,006	3.58	3,595	1,005	3.55	3,570
Missouri.....	3,008	1,343	3.10	4,166	1,331	2.59	3,449
Nevada.....	3,835	19	9.49	183	19	9.49	183
New Hampshire.....	806	676	7.77	5,250	676	7.77	5,250
New Mexico.....	93	21	1.92	40	21	1.92	40
North Carolina.....	3,163	1,037	5.48	5,680	1,036	5.20	5,384
North Dakota.....	1	(Z)	10.00	5	(Z)	10.00	5
Ohio.....	1,455	119	9.56	1,139	112	7.95	891
Oklahoma.....	258	186	2.50	466	186	2.50	466
Oregon.....	70	52	17.03	894	52	17.03	894
Pennsylvania.....	726	476	7.23	3,443	471	6.31	2,972
South Carolina.....	1,374	563	6.27	3,533	563	6.26	3,527
Tennessee.....	1,212	567	4.75	2,693	565	4.56	2,575
Texas.....	1,182	653	4.62	3,017	653	4.62	3,017
Utah.....	2,993	155	4.75	736	150	4.47	671
Vermont.....	629	230	9.45	2,169	229	9.29	2,126
Virginia.....	3,221	1,493	4.11	6,158	1,476	3.75	5,533
West Virginia.....	1,825	916	3.73	3,413	908	3.49	3,165
Wisconsin.....	1,974	1,371	2.22	3,041	1,369	2.19	2,999
Puerto Rico.....	186	14	13.94	196	14	13.94	196

Z Less than 500 acres.    <sup>1</sup> See footnote 1, table 974.  
Source: National Forest Reservation Commission; *Annual Report*.



## No. 976. NATIONAL FORESTS—SUMMARY: 1940 TO 1966

[Money figures in thousands of dollars. For years ending June 30, except as noted. Includes Alaska and Puerto Rico, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series J 41-42 and L 7-22]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Livestock grazing: <sup>1</sup>								
Cattle, horses, and swine <sup>2</sup> .....1,000..	1,314	1,128	1,148	1,307	1,339	1,360	1,376	(NA)
Sheep and goats.....1,000..	4,968	3,013	2,830	2,574	2,280	2,204	2,112	(NA)
Roads and trails:								
Road construction and reconstr.....miles..	<sup>3</sup> 3,654	453	767	851	1,150	1,524	1,613	<sup>4</sup> 1,496
Trail construction and reconstr.....miles..	2,221	828	184	142	336	525	671	<sup>4</sup> 668
Expenditures (maint. and constr.).....	<sup>3</sup> 23,511	15,036	29,413	43,151	60,601	77,249	105,472	125,058
Timber cut, total value <sup>5</sup> .....	5,168	31,140	71,231	157,094	135,173	151,880	161,880	196,427
Commercial and cost sales: <sup>6</sup>								
Volume.....mil. bd. ft..	1,740	3,502	6,328	9,367	10,026	10,954	11,244	12,138
Value.....	4,807	30,714	70,761	156,424	134,406	151,075	161,106	195,590
Free use:								
Volume.....mil. bd. ft..	326	121	106	123	164	186	191	181
Value <sup>7</sup> .....	304	215	204	216	253	276	280	265
Misc. forest products, value.....	57	211	266	454	514	529	494	572
Receipts, total.....	5,859	34,485	79,521	146,348	124,512	135,722	147,411	173,901
Timber use.....	3,943	30,269	75,044	139,903	117,388	127,960	138,769	164,936
Grazing use.....	1,463	3,385	2,953	3,665	3,386	3,182	3,040	3,325
Special land use, water power, etc.....	453	831	1,524	2,780	3,738	4,580	5,602	5,640
Payments to States and Puerto Rico <sup>8</sup> .....	1,456	8,478	19,573	35,672	30,225	33,083	35,757	42,190
25-percent fund.....	1,433	8,363	19,413	35,222	29,789	32,608	35,295	41,669
Ariz. and N. Mex. school fund.....	23	72	114	140	100	108	112	103
Minnesota.....	-	44	46	123	131	138	141	145
Alaska (Tongass suspense account) <sup>9</sup> .....	-	(NA)	(NA)	187	205	229	210	273
Allotments to Forest Service <sup>10</sup> .....	678	3,484	7,776	14,176	12,061	13,187	14,255	16,827

- Represents zero. NA Not available.

<sup>1</sup> Number permitted to graze. Beginning 1960, figures include national grasslands and land utilization project lands. Calendar-year data. Excludes Puerto Rico. <sup>2</sup> Excludes animals under 6 months of age.

<sup>3</sup> Includes forest highway construction. <sup>4</sup> Includes national grasslands.

<sup>5</sup> Includes all National Forest system lands. <sup>6</sup> Includes land exchanges.

<sup>7</sup> Includes some free use timber not reducible to board feet.

<sup>8</sup> Payments made in following year. <sup>9</sup> Total for 1948 through 1956 was \$597,133.

<sup>10</sup> For use in following year.

Source: Dept. of Agriculture, Forest Service. In annual report, *Agricultural Statistics*, and unpublished data.

## No. 977. NATIONAL FOREST AND OTHER LANDS—STATES AND PUERTO RICO: 1966

[In thousands of acres. As of June 30. See footnote 1, table 974. See also *Historical Statistics, Colonial Times to 1957*, series L 1-2]

STATE OR OTHER AREA	GROSS AREA WITHIN UNIT BOUNDARIES			STATE OR OTHER AREA	GROSS AREA WITHIN UNIT BOUNDARIES		
	Total	National Forest System	Other		Total	National Forest System	Other
<b>Total.....</b>	<b>226,519</b>	<b>186,497</b>	<b>40,022</b>	Nebraska.....	431	340	91
Alabama.....	1,271	632	639	Nevada.....	5,400	5,059	340
Alaska.....	20,777	20,736	42	New Hampshire.....	805	678	127
Arizona.....	12,105	11,422	683	New Mexico.....	10,174	9,099	1,075
Arkansas.....	3,663	2,430	1,233	New York.....	14	14	-
California.....	24,295	19,990	4,304	North Carolina.....	3,164	1,124	2,039
Colorado.....	15,835	14,337	1,498	North Dakota.....	1,105	1,105	-
Florida.....	1,225	1,075	150	Ohio.....	1,455	115	1,341
Georgia.....	1,912	790	1,122	Oklahoma.....	459	285	174
Idaho.....	21,617	20,342	1,275	Oregon.....	17,299	15,462	1,837
Illinois.....	809	213	596	Pennsylvania.....	727	474	253
Indiana.....	726	130	596	South Carolina.....	1,374	588	787
Kansas.....	107	107	-	South Dakota.....	2,271	1,987	284
Kentucky.....	2,003	462	1,540	Tennessee.....	1,213	601	612
Louisiana.....	1,017	592	426	Texas.....	1,834	775	1,059
Maine.....	94	50	44	Utah.....	9,084	7,972	1,112
Massachusetts.....	2	2	-	Vermont.....	629	233	396
Michigan.....	4,777	2,594	2,183	Virginia.....	3,226	1,473	1,753
Minnesota.....	5,042	2,782	2,260	Washington.....	10,742	9,691	1,051
Mississippi.....	2,312	1,134	1,177	West Virginia.....	1,825	909	916
Missouri.....	3,021	1,379	1,642	Wisconsin.....	1,974	1,471	503
Montana.....	19,050	16,670	2,381	Wyoming.....	9,598	9,144	454
				Puerto Rico.....	56	28	28

- Represents zero.

Source: Dept. of Agriculture, Forest Service; annual report, *National Forest System*.



## No. 978. FOREST TREE DISTRIBUTION PROGRAM AND COSTS: 1930 TO 1966

[For years ending June 30, except calendar years for trees, 1930 to 1945. Excludes Alaska; includes Puerto Rico]

YEAR	Trees distributed (1,000)	COSTS (\$1,000)			YEAR	Trees distributed (1,000)	COSTS (\$1,000)		
		Total	Federal contribution	State expenditure			Total	Federal contribution	State expenditure
1930.....	25,836	403	81	322	1960.....	844,599	6,573	186	6,387
1935.....	26,150	206	55	151	1962.....	679,968	6,748	195	6,553
1940.....	87,468	482	98	384	1963.....	587,647	6,543	234	6,309
1945.....	37,743	572	114	458	1964.....	535,429	7,453	229	7,224
1950.....	136,395	1,503	189	1,314	1965.....	508,651	6,865	216	6,649
1955.....	496,671	3,929	372	3,557	1966.....	521,440	6,812	219	6,593

Source: Dept. of Agriculture, Forest Service. In annual report *Agricultural Statistics*.

## No. 979. FOREST FIRES—NUMBER, AND AREA BURNED OVER: 1940 TO 1966

[Area in thousands of acres. For years ending December 31. See also *Historical Statistics, Colonial Times to 1957*, series L 100-105]

YEAR	FEDERAL LANDS, PROTECTED AREA <sup>1</sup>			STATE AND PRIVATE FORESTS <sup>2</sup>					
				On protected area			On unprotected area		
	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over
1940.....	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1945.....	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,780
1950.....	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720
1955.....	216,728	6,830	364	387,156	80,774	2,448	43,953	57,576	4,976
1960.....	362,836	12,090	622	402,800	77,537	1,909	32,030	13,760	1,947
1961.....	323,851	14,122	303	412,008	72,247	1,125	30,306	12,148	1,608
1962.....	356,333	10,421	270	418,483	94,487	1,645	24,447	10,437	2,163
1963.....	356,674	11,493	209	431,334	134,427	3,108	21,767	18,263	3,804
1964.....	<sup>3</sup> 653,691	<sup>4</sup> 8,877	194	<sup>5</sup> 446,420	90,480	1,670	32,003	17,001	2,333
1965.....	<sup>3</sup> 655,001	9,073	146	<sup>5</sup> 472,023	91,495	1,206	30,294	13,116	1,300
1966.....	<sup>3</sup> 655,443	11,571	1,265	<sup>5</sup> 469,328	98,157	1,908	46,748	12,771	1,401

<sup>1</sup> Prior to 1952, excludes Hawaii, and 1959, Alaska; comprises national forests, public domain, land administered by Dept. of the Interior, Soil Conservation Service, TVA, etc. <sup>2</sup> Prior to 1960, excludes Alaska.<sup>3</sup> Includes 298,107,000 acres of nonforest watershed areas under Dept. of the Interior protection.<sup>4</sup> Excludes an area burned on the acreage shown in footnote 3.<sup>5</sup> Includes 20,525,000 acres of nonforest watershed areas for 1964, and 51,092,000 acres for 1965 and 1966.Source: Dept. of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and unpublished data.

## No. 980. FOREST FIRES—NUMBER, BY CAUSE, AND EXPENDITURES FOR CONTROL: 1940 TO 1966

[Expenditures in thousands of dollars. See also *Historical Statistics, Colonial Times to 1957*, series L 106-109]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Total fires <sup>1</sup> .....	87,603	105,182	87,688	89,627	145,920	99,357	100,568	109,728
Lightning.....	10,913	6,518	6,282	11,068	11,565	7,887	8,730	10,232
Campfires.....	4,956	3,802	3,924	3,614	4,218	3,954	3,404	3,666
Smoking.....	21,066	18,287	15,882	16,030	24,521	15,455	16,517	16,807
Debris burning.....	13,307	18,768	20,338	21,870	38,756	26,252	22,882	26,726
Incendiary.....	22,701	40,127	25,775	21,162	41,429	25,431	26,860	28,388
Machine use.....	(NA)	(NA)	(NA)	(NA)	8,208	8,353	6,734	8,509
Miscellaneous <sup>2</sup> .....	14,660	17,680	15,487	15,883	17,223	12,025	15,441	15,400
Total expenditures <sup>3</sup> .....	9,188	28,934	39,216	56,641	65,828	72,411	75,627	85,866
Federal.....	1,988	8,551	8,945	9,401	11,632	11,589	11,848	12,811
State and county.....	5,155	18,121	28,168	45,059	52,586	59,751	62,612	71,812
Private agencies.....	2,045	2,262	2,103	2,181	1,610	1,071	1,167	1,243

NA Not available. <sup>1</sup> Fires on protected forest lands only. 1940 excludes Alaska.<sup>2</sup> Prior to 1963, lumbering and railroads included in "Miscellaneous"; thereafter, in various other classifications.<sup>3</sup> For fire protection on State and private forests lands only, years ending June 30. 1940 to 1960, excludes Alaska.Source: Dept. of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and unpublished data.

## No. 981. LUMBER PRODUCTION, BY KIND OF WOOD: 1950 TO 1965

[In millions of board feet, lumber tally. Prior to 1961, excludes Alaska and Hawaii. Based on sample surveys; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series L 45-60]

KIND OF WOOD	1950	1955	1959	1960	1961	1962	1963	1964	1965 (prel.)
<b>Total</b> .....	38,007	37,380	37,166	32,926	32,019	33,178	34,706	36,559	36,626
<b>Softwoods</b> .....	30,633	29,815	30,509	26,672	26,066	26,819	27,552	29,284	29,159
Cedar.....	1,313	(S)	(S)	(S)	561	603	556	651	632
Douglas fir.....	9,984	10,414	10,265	8,832	8,378	8,504	8,353	8,868	8,720
Hemlock.....	1,508	1,568	1,658	2,032	2,031	2,279	2,486	2,490	2,574
Larch.....	246	346	672	418	441	443	390	431	430
Ponderosa pine.....	3,865	3,663	3,374	3,169	3,127	3,275	3,516	3,729	3,735
Redwood.....	875	991	1,221	1,000	1,011	1,024	1,138	1,199	1,087
Southern yellow pine.....	9,939	7,360	6,716	5,660	5,622	5,740	6,055	6,414	6,628
Engelmann and sitka.....	(NA)	(NA)	(S)	471	553	583	529	626	630
Sugar pine.....	425	390	432	408	392	413	463	467	464
White fir.....	1,114	2,059	2,838	2,224	2,216	2,234	2,158	2,540	2,416
White pine.....	1,292	1,105	(S)	(S)	(S)	(S)	<sup>2</sup> 933	<sup>2</sup> 1,135	<sup>2</sup> 1,149
Other softwoods.....	1,072	777	1,127	675	606	589	975	734	694
<b>Hardwoods<sup>3</sup></b> .....	7,374	7,565	6,657	6,254	5,953	6,359	7,154	7,275	7,467
Ash.....	81	125	142	125	103	105	143	136	141
Basswood.....	( <sup>4</sup> )	119	101	92	63	66	92	69	87
Beech.....	325	226	190	195	166	169	166	176	182
Birch.....	137	144	145	126	103	89	107	121	109
Cottonwood <sup>5</sup> .....	225	327	149	206	167	178	192	205	197
Elm.....	( <sup>4</sup> )	198	162	195	181	186	200	204	206
Maple.....	546	568	450	602	526	522	556	642	786
Oak.....	3,347	3,716	3,369	2,789	2,817	3,068	3,170	3,417	3,357
Sweet (red and sap) gum.....	758	529	432	331	316	328	418	380	387
Tupelo and black gum.....	342	364	294	292	281	268	398	381	384
Yellow poplar.....	833	690	655	592	541	617	644	645	681
Other hardwoods.....	780	559	508	593	564	620	1,068	899	950

NA Not available. S Suppressed; standard error more than 15 percent.

<sup>1</sup> Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."

<sup>2</sup> Standard error more than 15 percent. <sup>3</sup> Beginning 1959, includes estimate for western hardwoods, not reported by species. <sup>4</sup> Included in "Other hardwoods." <sup>5</sup> Includes aspen.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

## No. 982. LUMBER PRODUCTION, CONSUMPTION, STOCKS, EXPORTS, AND IMPORTS: 1950 TO 1966

[In millions of board feet, except ratios. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series L 23-35, for series from Bureau of the Census and Forest Service]

ITEM	1950	1955	1960	1963	1964	1965 (prel.)	1966 (prel.)
<b>Production<sup>1</sup></b> .....	38,902	37,858	32,926	34,706	36,559	36,626	37,483
Softwoods.....	31,528	30,293	26,672	27,552	29,284	29,159	29,002
Hardwoods.....	7,374	7,565	6,254	7,154	7,275	7,467	8,481
<b>Domestic consumption<sup>2</sup></b> .....	41,627	41,088	35,226	39,016	41,408	41,984	42,068
Softwoods.....	34,277	32,830	28,974	31,915	33,175	33,546	32,920
Hardwoods.....	7,350	8,258	6,252	7,101	8,233	8,438	9,148
<b>Gross mill stocks, end of year</b> .....	6,183	8,669	7,352	6,587	6,434	5,704	5,775
Softwoods.....	4,207	5,386	5,285	4,616	4,898	4,548	4,648
Hardwoods.....	1,976	3,283	2,067	1,971	1,536	1,156	1,127
<b>Ratio of total mill stocks to total consumption, percent</b> .....	15	21	21	17	16	14	14
Softwoods.....	12	16	18	14	15	14	15
Hardwoods.....	27	40	33	28	19	14	12
<b>Exports<sup>3</sup></b> .....	518	844	861	875	956	922	1,024
Softwoods.....	407	652	688	740	797	777	860
Hardwoods.....	111	189	173	135	159	145	164
<b>Imports<sup>3</sup></b> .....	3,432	3,597	3,922	5,335	5,222	5,233	5,200
Softwoods.....	3,140	3,327	3,631	5,027	4,913	4,895	4,776
Hardwoods.....	283	266	291	308	309	338	424

<sup>1</sup> Beginning 1963, includes Alaska. <sup>2</sup> Represents shipments and net imports.

<sup>3</sup> Includes box shooks and railroad ties (sawed). Includes Alaska, Hawaii, and Puerto Rico.

Source: Compiled by Mackay-Shields Economics, Inc., New York, N.Y., from data supplied by National Forest Products Association, Washington, D.C.



No. 983. LUMBER PRODUCTION, BY GEOGRAPHIC DIVISIONS: 1963 TO 1965

[Production in millions of board feet, lumber tally. Data are based in part on a sample of sawmills and are estimates which may vary from the figures which would be obtained from a complete census. See fig. I, p. xii, for States comprising geographic divisions. See *Historical Statistics, Colonial Times to 1957*, series L 36-44, for data by regions]

GEOGRAPHIC DIVISION	1963			1964			1965 (prel.)		
	Production	Per-cent	Standard error <sup>1</sup> (per-cent)	Production	Per-cent	Standard error <sup>1</sup> (per-cent)	Production	Per-cent	Standard error <sup>1</sup> (per-cent)
United States.....	34,706	100.0	( <sup>2</sup> )	36,559	100.0	( <sup>2</sup> )	36,626	100.0	( <sup>2</sup> )
New England.....	609	1.8	( <sup>2</sup> )	678	1.8	( <sup>2</sup> )	656	1.8	( <sup>2</sup> )
Middle Atlantic.....	870	2.5	( <sup>2</sup> )	857	2.3	( <sup>3</sup> )	872	2.4	( <sup>3</sup> )
East North Central.....	1,173	3.4	( <sup>4</sup> )	1,198	3.3	( <sup>4</sup> )	1,211	3.3	( <sup>2</sup> )
West North Central.....	503	1.4	( <sup>4</sup> )	540	1.5	( <sup>4</sup> )	532	1.5	( <sup>4</sup> )
South Atlantic.....	5,241	15.1	( <sup>2</sup> )	5,147	14.1	( <sup>2</sup> )	5,250	14.3	( <sup>2</sup> )
East South Central.....	2,912	8.4	( <sup>2</sup> )	3,186	8.7	( <sup>2</sup> )	3,300	9.0	( <sup>2</sup> )
West South Central.....	3,083	8.9	( <sup>2</sup> )	3,209	8.8	( <sup>2</sup> )	3,344	9.1	( <sup>2</sup> )
Mountain.....	3,791	10.9	( <sup>2</sup> )	4,104	11.2	( <sup>2</sup> )	4,085	11.2	( <sup>2</sup> )
Pacific.....	16,524	47.6	( <sup>2</sup> )	17,640	48.3	( <sup>2</sup> )	17,376	47.4	( <sup>2</sup> )

<sup>1</sup> See Technical Note, p. 737, for explanation of standard error.    <sup>2</sup> 5 percent or less.    <sup>3</sup> More than 5 percent but not exceeding 10 percent.    <sup>4</sup> More than 10 percent but not exceeding 15 percent.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

No. 984. LUMBER—ESTABLISHMENTS AND PRODUCTION, BY PRODUCTION SIZE-CLASSES: 1960 TO 1964

[Production in millions of board feet, lumber tally. 1960 excludes Alaska and Hawaii. Based on sample surveys; see source for sampling variability]

SIZE-CLASS (in 1,000 bd. ft. of production)	NUMBER OF ESTABLISHMENTS				PRODUCTION			
	1960	1962	1963	1964	1960	1962	1963	1964
Total.....	<sup>1</sup> 33,343	<sup>2</sup> 32,916	12,337	<sup>2</sup> 11,681	32,926	33,178	34,706	36,559
Less than 999.....	<sup>3</sup> 29,017	<sup>2</sup> 28,835	8,037	<sup>2</sup> 7,433	<sup>2</sup> 4,343	4,254	3,768	4,416
1,000 to 2,999.....	2,588	2,446	2,436	2,433	4,466	4,265	4,099	4,052
3,000 to 4,999.....	566	470	590	520	2,212	1,913	2,269	1,954
5,000 to 9,999.....	532	508	546	575	3,796	3,922	3,816	3,658
10,000 to 14,999.....	<sup>2</sup> 239	211	211	216	3,000	2,746	2,541	2,626
15,000 to 24,999.....	166	192	233	217	3,219	3,886	4,384	4,309
25,000 to 49,999.....	169	180	199	196	6,057	6,163	7,124	7,227
50,000 and over.....	66	74	85	91	5,833	6,029	6,705	8,317

<sup>1</sup> Standard error of estimate is more than 10 percent but not exceeding 15 percent.  
<sup>2</sup> Standard error of estimate is more than 5 percent but not exceeding 10 percent.  
<sup>3</sup> Standard error of estimate is 16 percent.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M24T.

No. 985. ROUNDWOOD PRODUCTS—SOFTWOODS AND HARDWOODS, BY REGIONS: 1962

[In thousands of cubic feet. For States represented in regions shown, see table 972]

REGION	TOTAL <sup>1</sup>		SAW LOGS		VENEER		PULPWOOD		FUELWOOD	
	Soft-woods	Hard-woods	Soft-woods	Hard-woods	Soft-woods	Hard-woods	Soft-woods	Hard-woods	Soft-woods	Hard-woods
U.S....	7,264,259	3,055,625	4,223,526	1,047,039	708,278	148,817	1,885,829	717,272	207,909	915,811
The North...	574,171	1,377,891	191,907	446,218	245	39,561	309,845	286,331	32,464	467,319
The South...	2,569,684	1,607,635	1,097,018	579,340	2,724	109,187	1,231,275	390,222	118,254	442,980
The West...	4,120,404	70,099	2,934,601	21,481	705,309	69	344,709	40,719	57,191	5,512

<sup>1</sup> Includes miscellaneous industrial products, not shown separately.

Source: Dept. of Agriculture, Forest Service; *Timber Trends in the United States*, 1965.



# No. 986. INDUSTRIAL TIMBER PRODUCTS FROM ROUNDWOOD—SUMMARY: 1940 TO 1966

[In millions of cubic feet. Excludes Alaska and Hawaii, except as noted. Excludes fuelwood. See also *Historical Statistics, Colonial Times to 1957*, series L 72-84]

ITEM	1940	1950	1960	1961	1962	1963	1964	1965	1966 (prel.)
Total:									
Domestic production.....	6,975	8,520	8,860	8,650	8,970	9,320	9,925	10,130	10,435
Net imports.....	400	1,355	1,300	1,365	1,555	1,595	1,610	1,685	1,865
New supply.....	7,375	9,960	10,110	10,070	10,540	10,955	11,530	11,855	12,300
Saw logs: <sup>1</sup>									
Domestic production.....	4,845	5,905	5,080	4,945	5,120	5,355	5,640	5,730	5,765
Net imports.....	<sup>2</sup> 35	455	480	545	645	695	665	670	700
New supply.....	4,810	6,360	5,560	5,485	5,765	6,050	6,305	6,405	6,465
Veneer logs:									
Domestic production.....	235	345	705	765	800	870	955	1,030	1,090
Net imports.....	<sup>1</sup> 5	10	90	100	130	150	175	190	225
New supply.....	230	355	800	860	930	1,020	1,130	1,220	1,315
Pulpwood: <sup>3</sup>									
Domestic production.....	930	1,500	2,565	2,450	2,585	2,635	2,870	2,910	3,120
Net imports.....	440	890	730	720	780	750	770	825	940
New supply.....	<sup>4</sup> 1,370	2,475	3,240	3,235	3,380	3,425	3,635	3,770	4,060
Other products, new supply <sup>5</sup> .....	965	770	510	490	465	460	460	460	460

<sup>1</sup> Beginning 1961, includes Alaska, and 1963, Hawaii.

<sup>2</sup> Net exports.

<sup>3</sup> Beginning 1960, includes Alaska, and 1962, Hawaii.

<sup>4</sup> Excludes changes in stocks.

<sup>5</sup> Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

Source: Dept. of Agriculture, Forest Service; *The Demand and Price Situation for Forest Products*.

# No. 987. STUMPAGE AND LUMBER PRICES FOR SELECTED SPECIES: 1940 TO 1966

[In dollars per 1,000 board feet. See also *Historical Statistics, Colonial Times to 1957*, series L 85-91]

YEAR	STUMPAGE PRICES				Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	
1940.....	2.30	4.50	3.00	2.20	22.20
1950.....	16.40	26.70	25.00	18.30	73.30
1955.....	28.90	32.00	30.00	26.10	80.90
1960.....	32.00	34.50	29.00	19.10	75.00
1962.....	24.80	26.00	20.00	16.10	73.30
1963.....	27.90	25.10	19.20	15.80	74.60
1964.....	38.10	27.80	23.30	19.00	76.00
1965.....	42.60	31.70	23.30	19.80	76.10
1966 (prel.).....	51.60	38.50	24.70	19.60	81.40

Source: Dept. of Agriculture, Forest Service. In annual report, *Agricultural Statistics*.

# No. 988. SELECTED TIMBER PRODUCTS—WHOLESALE PRICE INDEXES: 1940 TO 1966

[1957-59=100. 1960 and earlier years exclude Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series L 92-96, for indexes on 1947-49 base]

YEAR	Lumber	Plywood <sup>1</sup>	Woodpulp	Paper	Paperboard
1940.....	28.0	38.5	42.1	44.3	35.7
1945.....	42.2	48.0	52.7	50.5	47.4
1950.....	93.9	122.9	79.4	74.7	77.1
1955.....	102.4	116.4	93.8	91.1	93.3
1960.....	99.8	90.6	100.2	102.0	99.4
1963.....	98.9	87.7	91.7	102.4	94.7
1964.....	100.7	85.3	96.1	103.6	96.4
1965.....	101.9	85.1	98.1	104.1	96.4
1966.....	108.5	89.4	98.0	107.3	97.1

<sup>1</sup> Softwood plywood, interior grade A-D.

Source: Dept. of Labor, Bureau of Labor Statistics. Current data in *Monthly Labor Review*.

No. 989. MILLWORK, WOOD PRODUCTS, AND PAINTS—PRODUCTION: 1950 TO 1966

ITEM	1950	1955	1960	1964	1965	1966 (prel.)
Hardwood flooring.....mil. bd. ft.	1,077	1,268	915	871	808	711
Softwood plywood <sup>1</sup> .....mil. sq. ft., 3/8" basis	2,676	5,284	7,759	11,455	12,428	13,100
Insulation boards.....1,000 tons	838	1,100	1,098	1,215	1,268	1,315
Hardboard.....1,000 tons	381	530	636	1,048	1,085	1,050
Particleboard.....mil. sq. ft., 3/4" basis	(NA)	78	268	638	780	870
Ponderosa pine doors <sup>2</sup> .....1,000 units	3,330	2,253	1,948	2,094	2,041	2,384
Hardwood doors <sup>2</sup> .....1,000 units	1,221	6,786	3,763	5,228	5,307	6,868
Sash <sup>2</sup> .....1,000 units	9,414	12,734	7,958	8,640	8,891	7,470
Exterior frames <sup>2</sup> .....1,000 units	4,644	7,260	5,345	5,934	6,250	5,260
Paint, varnish, and lacquer <sup>3</sup> .....mil. gal.	(NA)	255	344	395	411	420

NA Not available. <sup>1</sup> Principally Douglas fir.  
<sup>2</sup> Covers only reports of shipments from members of National Woodwork Manufacturers' Association.  
<sup>3</sup> Production for trade sales. Beginning 1960, figures not comparable with earlier years.  
Source: Dept. of Commerce, Business and Defense Services Administration; *Construction Review*. Data compiled from reports by various trade associations and Bureau of the Census.

No. 990. PLYWOOD AND PARTICLEBOARD—PRODUCTION AND SHIPMENTS: 1964 AND 1965

[Quantities in millions of square feet; value in thousands of dollars]

PRODUCT	1964			1965		
	Production	Shipments <sup>1</sup>		Production	Shipments <sup>1</sup>	
		Quantity	Value		Quantity	Value
Hardwood plywood.....surface measure	2,105	1,721	317,578	2,236	1,842	343,871
Veneer core, all types.....surface measure	1,790	1,575	269,986	1,889	1,663	(NA)
Technical and type I, waterproof.....surface measure	39	23	6,677	51	26	(NA)
Type II, moisture resistant.....surface measure	1,583	1,442	244,647	1,731	1,569	(NA)
Type III, dry bond.....surface measure	168	110	18,662	108	68	(NA)
Other core, all types.....surface measure	190	73	43,075	207	99	(NA)
Container and packaging type.....surface measure	125	73	4,517	140	79	(NA)
Softwood plywood.....3/8" basis	11,455	11,367	709,539	12,428	12,418	775,305
Interior type.....3/8" basis	7,330	7,357	427,460	7,605	7,661	439,359
Exterior type.....3/8" basis	4,125	4,010	282,079	4,823	4,757	335,946
Particleboard.....3/4" basis	638	(NA)	(NA)	780	721	78,604
Platen.....3/4" basis	592	(NA)	(NA)	731	(NA)	(NA)
Extruded.....3/4" basis	47	(NA)	(NA)	49	(NA)	(NA)

NA Not available. <sup>1</sup> Includes interplant transfers.  
Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M24F, M24H, and MA24L.

No. 991. TURPENTINE, ROSIN, AND NAVAL STORES—PRODUCTION: 1940 TO 1967

[In barrels of 50 gallons, except rosin in drums of 520 pounds net. For crop years ending March 31. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1967*, series L 70-71]

PRODUCT	1940	1950	1960	1964	1965	1966	1967
Total turpentine.....	604,778	673,290	636,750	673,530	679,100	700,660	665,500
Gum.....	382,781	323,010	107,400	140,520	119,580	111,370	84,210
Wood..... <sup>1</sup> 221,997	350,280	529,350	533,010	559,520	589,290	581,290	581,290
Steam distilled.....	158,575	199,630	175,950	157,480	157,450	168,630	154,540
Sulphate.....	56,631	147,500	353,400	375,530	402,070	420,660	426,750
Total rosin.....	1,813,710	2,023,510	1,915,770	2,084,940	2,015,010	2,067,270	1,957,790
Gum.....	1,054,236	924,900	334,110	458,960	392,600	361,310	272,940
Wood, steam distilled <sup>2</sup> .....	759,474	1,098,610	1,198,690	1,098,050	1,036,370	1,079,560	985,670
Tall oil.....	-	-	382,970	527,930	586,040	626,400	699,180
Other naval stores:							
Pine oil.....	(NA)	141,260	197,140	<sup>3</sup> 218,230	<sup>3</sup> 233,740	<sup>3</sup> 266,620	<sup>3</sup> 273,490
Other terpenes.....	(NA)	73,740	93,690	110,760	125,040	114,910	104,660

- Represents zero. NA Not available.  
<sup>1</sup> Includes "Destructively distilled." <sup>2</sup> Beginning 1950, total primary production of FF wood rosin.  
<sup>3</sup> Beginning 1964, includes pine oil from all sources; therefore, not comparable with figures for earlier years.  
Source: Dept. of Agriculture, Statistical Reporting Service; *Annual Naval Stores Report*.



# No. 992. PULPWOOD, WOODPULP, AND PAPER AND PAPERBOARD—PRODUCTION: 1945 TO 1966

[Cords of 128 cubic feet. Prior to 1954, excludes Alaska; also excludes Hawaii except for woodpulp beginning 1962. See also *Historical Statistics, Colonial Times to 1957*, series L 61, L 64, and L 67]

YEAR	Pulpwood <sup>1</sup>	Woodpulp	Paper and paperboard <sup>2</sup>	YEAR	Pulpwood <sup>1</sup>	Woodpulp	Paper and paperboard <sup>2</sup>
	1,000 cords	1,000 short tons	1,000 short tons		1,000 cords	1,000 short tons	1,000 short tons
1945.....	15,253	10,167	17,371	1956.....	35,196	22,131	31,441
1946.....	16,982	10,707	19,278	1957.....	34,422	21,800	30,678
1947.....	18,542	11,946	21,114	1958.....	33,239	21,796	30,823
1948.....	20,026	12,872	21,897	1959.....	36,716	24,383	34,015
1949.....	17,619	12,207	20,315	1960.....	40,011	25,316	34,444
1950.....	20,712	14,849	24,375	1961.....	40,272	26,523	35,698
1951.....	25,128	16,524	26,047	1962.....	42,772	27,908	37,552
1952.....	25,065	16,473	24,418	1963.....	44,708	30,121	39,231
1953.....	26,319	17,537	26,540	1964.....	<sup>3</sup> 49,219	<sup>4</sup> 32,429	41,703
1954.....	26,972	18,256	26,876	1965.....	<sup>3</sup> 52,617	<sup>4</sup> 33,921	44,049
1955.....	30,948	20,740	30,178	1966 (prel.).....	<sup>3</sup> 54,502	<sup>4</sup> 35,636	46,541

<sup>1</sup> Includes slabs, chips, and mill waste. Production is equal to receipts from domestic sources by woodpulp mills located in the United States.

<sup>2</sup> Includes the major grades of paper, paperboard, wet machine board, and construction paper and board.

<sup>3</sup> Source: American Pulpwood Association; *Monthly Pulpwood Statistics*.

<sup>4</sup> Source: United States Pulp Producers Association; *Monthly Statistical Summary*.

Source: Dept. of Commerce, Bureau of the Census. Current data in *Current Industrial Reports*, Series M26A. Includes data compiled from sources cited in footnotes.

# No. 993. PULPWOOD AND VENEER LOG CONSUMPTION, PLYWOOD, AND WOODPULP PRODUCTION: 1950 TO 1966

[Cords of 128 cubic feet. Excludes Alaska and Hawaii, except as noted]

YEAR	PULPWOOD CONSUMPTION <sup>1</sup>			Veneer log con- sump- tion, soft- wood <sup>2</sup>	Plywood produc- tion, soft- wood <sup>2</sup>	WOODPULP PRODUCTION, BY PROCESS <sup>3</sup>			
	Total	Soft- wood	Hard- wood			Sulphate		Ground- wood	Other
						Un- bleached	Bleached and semi- bleached		
	1,000 cords	1,000 cords	1,000 cords	Mil. ft., log scale	Mil. sq. ft. 3/8" equiv.	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1950.....	23,627	20,406	3,221	1,157	2,676	5,709	1,793	2,216	5,132
1955.....	33,356	27,728	5,628	2,431	5,284	7,665	3,625	2,729	6,720
1957.....	35,746	29,446	6,300	2,455	5,653	7,651	4,284	3,089	6,776
1958.....	35,144	28,833	6,311	2,884	6,487	7,647	4,669	2,890	6,589
1959.....	38,691	30,885	7,806	3,488	7,736	8,540	5,289	3,230	7,324
1960.....	40,485	32,061	8,424	3,446	7,759	8,681	5,909	3,292	7,434
1961.....	42,191	33,095	9,097	3,836	8,496	9,115	6,307	3,208	7,892
1962.....	44,070	34,193	9,877	4,068	9,315	9,517	6,784	3,397	8,210
1963.....	46,435	35,661	10,774	3,108	10,375	10,502	7,439	3,468	8,712
1964.....	<sup>4</sup> 50,659	<sup>4</sup> 39,329	<sup>4</sup> 11,330	3,390	11,455	<sup>5</sup> 11,851	<sup>5</sup> 8,251	<sup>5</sup> 3,596	<sup>5</sup> 8,717
1965.....	<sup>4</sup> 52,236	<sup>4</sup> 40,272	<sup>4</sup> 11,964	3,667	12,428	<sup>5</sup> 12,698	<sup>5</sup> 8,776	<sup>5</sup> 3,532	<sup>5</sup> 8,915
1966 (prel.).....	<sup>4</sup> 54,759	<sup>4</sup> 41,321	<sup>4</sup> 13,438	(NA)	(NA)	<sup>5</sup> 12,737	<sup>5</sup> 9,616	<sup>5</sup> 3,972	<sup>5</sup> 9,311

NA Not available.

<sup>1</sup> Beginning 1955, includes Alaska, and 1962, Hawaii.

<sup>2</sup> Softwood plywood industry, principally Douglas fir.

<sup>3</sup> Includes Alaska and, beginning 1962, Hawaii.

<sup>4</sup> Source: American Pulpwood Association; *Monthly Pulpwood Statistics*.

<sup>5</sup> Source: United States Pulp Producers Association; *Monthly Statistical Summary*.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M26A and M24H. Includes data from sources cited in footnotes.



## No. 994. PAPER AND BOARD—PRODUCTION: 1950 TO 1966

[In thousands of short tons. Excludes Hawaii and, for 1950, Alaska]

TYPE OF PAPER AND BOARD	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>All types</b> .....	24,375	30,178	34,444	37,552	39,231	41,703	44,049	46,541
<b>Paper</b> .....	10,639	12,905	15,399	16,537	17,300	18,152	19,113	20,200
Newsprint.....	1,013	1,459	2,004	2,105	2,213	2,249	2,170	2,198
Groundwood paper, uncoated <sup>1</sup> .....	705	886	938	910	956	995	1,041	1,096
Paper—machine-coated, printing and converting paper <sup>1</sup> .....	1,020	1,312	1,875	2,269	2,401	2,620	2,752	3,040
Book paper, uncoated <sup>1</sup> .....	1,580	1,740	1,887	1,760	1,886	1,969	2,113	2,353
Fine paper.....	1,197	1,450	1,776	2,054	2,104	2,218	2,442	2,637
Coarse paper.....	3,297	3,687	3,957	4,124	4,251	4,384	4,610	4,713
Special industrial, incl. absorbent.....	460	610	760	902	912	970	1,080	1,161
Sanitary tissue.....	1,148	1,521	1,964	2,179	2,340	2,516	2,668	2,766
Tissue paper, except sanitary and thin.....	217	240	238	235	236	231	237	236
<b>Paperboard</b> .....	10,926	13,867	15,676	17,486	18,239	19,605	20,866	22,486
Liners.....	3,872	5,109	5,966	6,770	7,124	7,851	8,540	9,370
Corrugating material.....	1,634	2,193	2,443	2,866	3,022	3,239	3,469	3,825
Container chipboard.....	325	250	227	288	280	325	322	323
Folding boxboard <sup>2</sup> .....	2,350	2,592	2,940	3,050	3,165	3,313	3,452	3,501
Special food board.....	656	1,154	1,466	1,727	1,737	1,847	1,880	2,200
Other bending board <sup>3</sup> .....	129	183	192	250	240	225	241	293
Set-up boxboard.....	713	797	767	661	637	649	663	644
Other nonbending board.....	164	257	292	307	345	365	396	488
Special paperboard stock.....	998	1,226	1,262	1,464	1,581	1,663	1,784	1,747
Cardboard.....	87	86	121	102	109	128	119	95
<b>Wet machine board</b> .....	165	179	175	146	141	148	145	138
Shoe board.....	49	55	57	61	58	58	58	41
Binder's board.....	42	47	52	58	55	59	59	(D)
Other.....	74	77	65	26	27	31	28	(D)
<b>Construction paper and board</b> .....	2,646	3,228	3,194	3,382	3,551	3,798	3,925	3,717
Construction paper.....	1,425	1,598	1,410	1,429	1,453	1,533	1,575	1,516
Insulating board.....	838	1,100	1,097	1,080	1,139	1,215	1,257	1,147
Wood fiber hardboard.....	383	530	686	873	959	1,050	1,093	1,054

D Withheld to avoid disclosure of figures for individual companies.

<sup>1</sup> Beginning 1962, not strictly comparable with figures for earlier years due to difference in coverage.<sup>2</sup> Includes "Other paperboard," not shown separately.<sup>3</sup> Beginning 1960 "Folding boxboard" includes "Solid bleached chemical board, except special food board and bleached liner board"; prior to 1960, this grade was reported under "Other bending board."Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M26A.

## No. 995. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS, AND PRICE: 1940 TO 1966

[In thousands of short tons, except price]

COUNTRY AND ITEM	1940	1945	1950	1955	1960	1964	1965	1966
<b>CANADA, INCLUDING NEWFOUNDLAND</b>								
Production.....	3,770	3,592	5,279	6,191	6,739	7,301	7,720	8,419
Shipments from mills.....	3,804	3,553	5,311	6,236	6,762	7,310	7,747	8,385
Stocks at mills, end of year.....	224	137	89	80	140	178	150	184
<b>UNITED STATES<sup>1</sup></b>								
Consumption by publishers <sup>2</sup> .....	2,856	2,455	4,542	5,045	5,532	6,031	6,387	6,898
Production <sup>3</sup> .....	1,013	724	1,015	1,552	2,038	2,261	2,180	2,410
Shipments from mills <sup>3</sup> .....	1,013	725	1,017	1,550	2,031	2,273	2,183	2,408
Stocks, end of year: <sup>3</sup>								
At mills.....	13	6	8	8	26	22	19	21
At and in transit to publishers.....	356	266	425	458	628	585	573	681
Imports <sup>4</sup> .....	2,763	2,669	4,864	5,164	5,412	5,954	6,323	6,991
Wholesale price, average <sup>5</sup> ....dollars per ton..	50.00	60.25	101.63	125.94	134.40	134.23	132.40	136.23

<sup>1</sup> Excludes Alaska and Hawaii, except as noted.<sup>2</sup> As reported by publishers accounting for about 76 percent of total newsprint consumption in 1966.<sup>3</sup> Beginning 1964, includes Alaska and Hawaii.<sup>4</sup> Based on reports of the Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.<sup>5</sup> Source: Dept. of Labor, Bureau of Labor Statistics. Standard newsprint, rolls, contract, delivered to principal ports. Annual averages; prior to 1950, represents New York price for rolls.Source: Dept. of Commerce, Office of Business Economics (except as noted); based on data from the American Newspaper Publishers Association, New York, N.Y., and The Newsprint Service Bureau, New York, N.Y. Monthly data in *Survey of Current Business*.

## Section 26

### Fisheries

This section presents statistics relating to quantity, value, species, and disposition of fish caught for commercial purposes, and to fishery products. The principal sources of such data are the annual report, *Fishery Statistics of the United States*, and the monthly and annual bulletins in the *Current Fishery Statistics* series published by the Fish and Wildlife Service of the Department of the Interior.

The Fish and Wildlife Service conducts annual surveys of the fishery industries. Results from the surveys include data on the quantity and value of the catch of individual species of fish, employment in fisheries, gear operated, fishing and transporting craft used, employment in wholesale and manufacturing establishments, and the volume and value of production of manufactured fishery products. In addition, the reports include data on imports, exports, freezings, and cold storage holdings of fishery products; and monthly landings in most coastal States, and in Ohio, Michigan, and Wisconsin. Information is also collected covering shad fisheries of the Hudson and Potomac Rivers; alewife fisheries of the Potomac; seed oyster fisheries; Pacific Coast halibut fisheries; New England offshore fisheries; South Atlantic and Gulf shrimp fisheries; the fur seal industry of the Pribilof Islands; and the Pacific Coast whaling industry.

The first comprehensive survey of fisheries and fishery industries of the United States was made for the year 1880, although it did not include the Mississippi River and its tributaries. A complete survey of the United States was conducted in 1908 by the Bureau of the Census and again in 1931 by the Bureau of Fisheries, then in the Department of Commerce. Various sections of the country have been surveyed from time to time. A complete survey of all sections, including manufacturing and wholesaling operations, was made for 1950. Beginning in 1954, complete data have been collected annually, except for a portion of the Mississippi River and its tributaries in 1961.

A report on the 1963 Census of Commercial Fisheries was released by the Bureau of the Census in 1966. It presents statistics on the number of commercial fishing operators, receipts from fishing activities, employment, vessels operated, value of catch, and fishing gear.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 996. FISHERIES—QUANTITY AND VALUE OF CATCH: 1930 TO 1966

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 110-111]

YEAR	QUANTITY (mil. lb.)			Value (mil. dol.)	Average price per lb. (cents)	YEAR	QUANTITY (mil. lb.)			Value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For indus- trial prod- ucts <sup>1</sup>				Total	For human food	For indus- trial prod- ucts <sup>1</sup>		
1930.....	3, 224	2, 478	746	109	3.4	1960.....	4, 942	2, 498	2, 444	354	7.2
1940.....	4, 059	2, 674	1, 385	99	2.4	1961.....	5, 187	2, 490	2, 697	362	7.0
1945.....	4, 598	3, 167	1, 431	270	5.9	1962.....	5, 354	2, 540	2, 814	396	7.4
1950.....	4, 901	3, 307	1, 594	347	7.1	1963.....	4, 847	2, 556	2, 291	377	7.8
1955.....	4, 809	2, 579	2, 230	339	7.1	1964.....	4, 541	2, 497	2, 044	389	8.6
1958.....	4, 747	2, 651	2, 096	373	7.9	1965.....	4, 777	2, 587	2, 190	446	9.3
1959.....	5, 122	2, 369	2, 753	346	6.8	1966 (prel.)---	4, 341	2, 568	1, 773	454	10.5

<sup>1</sup> Manufactured into meal, oil, fish solubles, homogenized condensed fish, shell products, and used as bait and animal food.

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.



No. 997. FISHERIES—EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS: 1950, 1960, AND 1965  
[1950 excludes Hawaii]

ITEM	1950	1960	1965	ITEM	1950	1960	1965
Persons employed.....	263,478	224,056	215,429	Fishery shore establishments.....	3,883	4,207	4,185
Direct employment:				Pacific Coast States <sup>1</sup> .....	700	515	557
Fishermen.....	161,463	130,431	128,565	Atlantic Coast and Gulf States.....	2,699	2,898	2,931
Shore workers.....	102,015	93,625	86,864	Great Lakes and Mississippi River States.....	484	772	673
Craft utilized.....	92,310	77,057	79,532	Hawaii.....	(NA)	22	24
Fishing craft:							
Vessels, 5 net tons and over.....	11,496	12,018	12,311				
Motorboats.....	46,067	56,889	63,828				
Other boats.....	34,747	8,150	3,393				

NA Not available. <sup>1</sup> Includes Alaska.

No. 998. FISHERIES—FISHERMEN, FISHING CRAFT, AND CATCH, BY AREAS: 1965  
[See *Historical Statistics, Colonial Times to 1957*, series L 110-123, for data on quantity of catch]

AREA	Fisher- men	Fish- ing vessels	Fish- ing boats <sup>1</sup>	CATCH (mill. lb.)			VALUE OF CATCH (\$1,000)		
				Total	Fish	Shell- fish	Total	Fish	Shell- fish
United States.....	<sup>2</sup> 128,565	<sup>2</sup> 12,311	<sup>2</sup> 67,221	4,777	3,948	<sup>3</sup> 829	445,679	241,123	204,556
New England States.....	19,435	703	10,817	702	642	60	74,837	38,849	35,988
Middle Atlantic States.....	8,839	579	4,365	356	292	64	24,681	8,966	15,715
Chesapeake Bay States.....	18,996	1,413	10,971	592	470	122	40,189	10,957	29,232
South Atlantic States.....	10,688	1,122	5,751	357	276	81	26,789	10,958	15,831
Gulf States.....	25,571	3,683	10,989	1,463	1,205	258	113,542	31,003	82,539
Pacific Coast States.....	34,778	4,855	14,470	1,147	927	220	148,363	125,078	23,285
Great Lakes States.....	2,364	375	1,113	56	56	-	5,832	5,832	-
Mississippi River States.....	9,572	4	8,398	84	60	24	7,844	5,915	1,929
Hawaii.....	744	57	347	20	20	(Z)	3,602	3,565	37

- Represents zero. Z Less than 500,000 pounds.

<sup>1</sup> Refers to craft having capacity of less than 5 net tons. <sup>2</sup> Exclusive of duplication.

<sup>3</sup> Includes whale products.

Source of tables 997 and 998: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 999. COMMERCIAL FISHING OPERATORS: 1963  
[Receipts and payroll in thousands of dollars]

ITEM	Total	OPERATORS WITH PRIMARY CATCH OF—	
		Finfish	Other marine products <sup>1</sup>
Total number.....	23,249	(NA)	(NA)
Total gross receipts.....	338,787	(NA)	(NA)
Operators without paid employees: <sup>2</sup>			
Number.....	13,998	(NA)	(NA)
Gross receipts.....	61,673	(NA)	(NA)
Operators with paid employees:			
Number.....	9,251	5,377	3,874
Gross receipts <sup>3</sup> .....	277,114	170,937	106,177
Employees, annual average.....	20,300	12,504	7,796
Payroll.....	102,332	66,938	35,394
Vessels.....	10,666	5,898	4,768
Number with—			
Less than 5 employees.....	8,237	4,720	3,517
5 to 9 employees.....	590	367	223
10 to 19 employees.....	342	233	109
20 to 99 employees.....	79	54	25
100 employees or more.....	3	3	-

- Represents zero. NA Not available.

<sup>1</sup> Includes catches of shellfish and miscellaneous marine products such as sponges, frogs, and turtles.

<sup>2</sup> Represents commercial fishermen who filed income tax returns as self-employed businessmen. Each return was counted as an operating unit.

<sup>3</sup> Gross receipts by legal form of organization are as follows: Individual proprietors, \$119,410,000; partnerships, \$43,333,000; corporations, \$113,178,000; cooperative associations, \$661,000; and other (including joint ventures, estate administrators, and trusteeships), \$532,000.

Source: Dept. of Commerce, Bureau of the Census; *Census of Commercial Fisheries, 1963*.



## No. 1000. COMMERCIAL FISHING OPERATORS—STATES: 1963

STATE	OPERATORS WITH PAID EMPLOYEES			STATE	OPERATORS WITH PAID EMPLOYEES		
	Number	Employ-ees, annual average	Gross receipts (\$1,000)		Number	Employ-ees, annual average	Gross receipts (\$1,000)
<b>Total</b> .....	<b>9, 251</b>	<b>20, 300</b>	<b>277, 114</b>	<b>South Atlantic—Con.</b>			
New England.....	729	4, 218	45, 086	Maryland.....	379	154	2, 817
Maine.....	148	434	4, 984	Virginia.....	572	909	9, 905
Massachusetts.....	450	3, 438	35, 325	North Carolina.....	273	507	4, 553
Rhode Island.....	79	190	2, 819	South Carolina.....	127	247	1, 398
Connecticut.....	52	156	1, 958	Georgia.....	193	356	3, 203
				Florida.....	740	2, 112	27, 471
<b>Middle Atlantic</b> .....	<b>394</b>	<b>1, 027</b>	<b>12, 004</b>	<b>East South Central</b> ...	<b>272</b>	<b>1, 055</b>	<b>12, 351</b>
New York.....	141	361	4, 661	Alabama.....	125	437	3, 261
New Jersey.....	244	629	7, 235	Mississippi.....	147	618	9, 090
Pennsylvania.....	9	37	108				
<b>East North Central</b> ...	<b>337</b>	<b>472</b>	<b>4, 685</b>	<b>West South Central</b> ..	<b>1, 373</b>	<b>3, 390</b>	<b>47, 121</b>
Ohio.....	52	148	1, 259	Louisiana.....	760	1, 564	21, 518
Illinois.....	6	34	294	Texas.....	613	1, 826	25, 603
Michigan.....	170	189	1, 961				
Wisconsin.....	109	101	1, 171	<b>Mountain</b> <sup>1</sup> .....	<b>5</b>	<b>13</b>	<b>131</b>
<b>West North Central</b> <sup>1</sup> ..	<b>26</b>	<b>31</b>	<b>210</b>	<b>Pacific</b> .....	<b>3, 797</b>	<b>5, 627</b>	<b>104, 996</b>
Minnesota.....	19	23	151	Washington.....	1, 320	1, 581	30, 393
				Oregon.....	320	229	4, 651
<b>South Atlantic</b> .....	<b>2, 318</b>	<b>4, 467</b>	<b>50, 530</b>	California.....	980	2, 398	44, 196
Delaware.....	34	182	1, 183	Alaska.....	1, 100	1, 144	23, 451
				Hawaii.....	77	275	2, 305

<sup>1</sup> West North Central includes Iowa, Missouri, North Dakota, and South Dakota; Mountain includes Idaho and Utah. Such data not shown separately to avoid disclosure of individual operations.

Source: Dept. of Commerce, Bureau of the Census; *Census of Commercial Fisheries, 1963*.

## No. 1001. FISHERIES—CATCH AND VALUE OF PRINCIPAL SPECIES: 1950 TO 1966

[Catch in millions of pounds; value in millions of dollars. Prior to 1960, excludes Hawaii]

SPECIES	1950		1955		1960		1966 (prel.)	
	Catch	Value	Catch	Value	Catch	Value	Catch	Value
<b>FISH</b>								
Cod, Atlantic.....	57	4	36	2	40	3	36	3
Flounder.....	132	12	110	11	127	13	83	7
Haddock.....	159	12	135	8	119	9	134	14
Halibut, Pacific.....	51	8	49	5	51	6	40	10
Herring, sea.....	364	3	172	2	239	4	81	2
Mackerel, Pacific and jack.....	166	3	59	1	118	2	44	1
Menhaden.....	1, 026	10	1, 868	25	2, 018	20	1, 310	22
Ocean perch, Atlantic.....	208	9	157	6	141	5	81	4
Salmon, Pacific.....	329	37	290	41	235	45	405	67
Sardine, Pacific.....	715	12	146	3	58	1	1	(Z)
Tuna <sup>1</sup> .....	391	61	270	39	298	38	267	45
Whiting.....	67	1	119	2	112	3	90	4
<b>SHELLFISH</b>								
Clams.....	41	11	34	10	50	12	72	18
Crabs.....	159	9	136	10	222	17	365	35
Lobsters, northern.....	23	8	29	11	31	14	30	23
Oysters (meats).....	76	30	78	30	60	29	50	26
Shrimp (heads-on).....	191	43	244	62	249	67	235	96

Z Less than \$500,000.

<sup>1</sup> Excludes landings of tuna by U.S. vessels in Puerto Rico.

Source: Dept. of the Interior, Fish and Wildlife Service; annual reports, *Fishery Statistics of the United States* and *Fisheries of the United States*.

**No. 1002. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1940 TO 1965**

[Catch in thousands of pounds; value in thousands of dollars. Values represent the value of fish to fishermen. See also *Historical Statistics, Colonial Times to 1957*, series L 114-154]

STATE, CATCH, AND VALUE	1940	1950	1955	1960	1962	1963	1964	1965
<b>New England States:</b>								
Catch.....	626,054	1,006,590	955,418	851,964	871,681	828,889	681,857	702,181
Value.....	20,494	60,577	57,243	61,474	65,775	68,289	67,596	74,837
Maine:								
Catch.....	88,088	356,266	257,174	294,641	294,323	285,636	192,575	204,846
Value.....	2,606	14,689	16,083	20,071	20,365	21,216	21,958	21,922
New Hampshire:								
Catch.....	788	645	948	1,188	1,089	1,201	1,209	1,272
Value.....	105	219	345	430	401	443	601	637
Massachusetts:								
Catch.....	510,938	591,188	566,413	480,421	493,414	467,693	446,495	442,430
Value.....	15,756	40,768	35,057	35,947	40,265	41,234	40,184	46,147
Rhode Island:								
Catch.....	12,060	38,265	115,323	69,318	76,839	69,312	36,928	48,706
Value.....	966	2,788	4,738	3,846	3,528	4,149	3,740	4,624
Connecticut:								
Catch.....	14,180	20,226	15,560	6,396	6,016	5,047	4,650	4,927
Value.....	1,060	2,114	1,020	1,180	1,216	1,247	1,113	1,507
Catch, by species:								
Cod.....	82,289	53,968	32,369	35,255	43,946	39,901	37,853	35,465
Flounder.....	57,572	66,824	50,064	61,559	86,711	106,767	112,172	112,061
Haddock.....	141,193	157,765	135,029	118,615	134,169	123,881	133,450	133,878
Herring, sea.....	44,052	195,154	104,286	154,667	158,255	154,513	63,202	75,014
Lobster.....	11,165	22,559	27,624	29,260	28,286	29,120	29,318	28,530
Ocean perch.....	85,016	207,793	156,989	141,433	123,983	108,292	89,268	83,607
Whiting.....	40,869	65,464	110,630	103,637	97,737	86,558	87,672	75,377
<b>Middle Atlantic States:</b>								
Catch.....	1,355,553	491,685	871,096	783,848	944,374	550,464	370,223	355,951
Value.....	17,651	28,843	28,937	21,757	25,209	21,345	20,897	24,681
New York:								
Catch.....	91,959	142,341	132,791	125,932	225,759	191,256	197,022	147,462
Value.....	4,216	15,502	9,498	8,781	10,201	9,718	10,790	12,387
New Jersey:								
Catch.....	160,554	188,623	421,286	373,688	446,929	255,020	139,362	160,440
Value.....	2,957	10,201	13,074	9,607	11,824	10,335	9,423	11,385
Delaware:								
Catch.....	103,017	160,721	317,019	284,228	271,686	104,188	33,839	48,049
Value.....	475	3,141	6,365	3,369	3,184	1,292	684	909
Catch, by species:								
Clams.....	7,658	21,681	16,671	31,776	37,448	45,801	46,016	52,240
Menhaden.....	245,369	372,947	763,827	670,799	782,487	372,851	139,258	151,011
Oysters.....	13,983	18,170	9,848	1,154	2,362	951	1,356	757
Scup.....	5,777	20,556	20,686	26,638	25,575	22,037	16,896	16,635
<b>Chesapeake Bay States:</b>								
Catch.....	320,736	380,892	496,208	435,797	521,475	430,203	536,596	591,534
Value.....	7,456	25,007	31,601	34,861	33,627	29,804	35,948	40,189
Maryland:								
Catch.....	51,385	67,092	55,249	69,113	67,574	55,457	70,828	86,672
Value.....	2,599	8,888	11,147	13,936	11,926	10,748	11,729	13,220
Virginia:								
Catch.....	269,651	313,800	440,959	366,684	453,901	374,746	465,768	504,862
Value.....	4,858	16,119	20,454	20,925	21,701	19,056	24,219	26,969
Catch, by species:								
Alewives.....	16,112	34,629	26,988	18,989	27,678	27,551	27,954	38,292
Clams.....	1,843	1,701	3,950	7,823	8,918	9,508	10,987	10,878
Crabs.....	41,816	80,046	45,128	70,716	86,571	66,129	73,608	86,334
Menhaden.....	143,227	170,913	315,359	248,905	327,910	259,015	336,414	359,946
Oysters.....	37,457	29,954	39,227	27,111	19,939	18,274	22,098	21,188
<b>South Atlantic States:</b>								
Catch.....	325,515	260,881	346,574	378,879	305,416	370,717	335,997	356,652
Value.....	4,064	18,944	17,274	20,230	23,462	19,468	20,619	26,789
North Carolina:								
Catch.....	170,581	172,339	233,096	265,248	182,384	256,652	238,579	233,961
Value.....	1,865	6,800	7,284	7,020	6,755	7,047	8,023	9,241
South Carolina:								
Catch.....	9,446	14,726	22,033	24,252	22,680	22,015	21,723	26,611
Value.....	266	2,810	2,487	4,039	4,720	3,236	3,001	4,928

<sup>1</sup>Includes Pennsylvania.

## No. 1002. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1940 TO 1965—Continued

[Catch in thousands of pounds; value in thousands of dollars]

STATE, CATCH, AND VALUE	1940	1950	1955	1960	1962	1963	1964	1965
<b>South Atlantic States—</b>								
Continued								
Georgia:								
Catch.....	12,672	17,351	19,025	27,968	22,136	21,011	18,338	20,059
Value.....	381	3,584	2,472	3,391	4,553	2,613	2,973	4,140
Florida (east coast):								
Catch.....	132,816	56,465	72,420	61,411	78,216	71,039	57,357	76,021
Value.....	1,553	5,749	5,031	5,780	7,434	6,672	6,622	8,480
Catch, by species:								
Crabs.....	15,290	20,275	32,606	44,927	38,927	51,009	52,274	46,432
Menhaden.....	224,882	147,125	227,811	215,023	157,169	215,886	190,146	192,275
Shrimp.....	22,702	36,481	28,539	31,214	26,078	15,529	17,341	26,191
<b>Gulf States:</b>								
Catch.....	250,018	570,641	829,638	1,265,950	1,437,410	1,399,512	1,317,834	1,463,475
Value.....	10,581	50,358	76,287	85,459	94,504	98,790	99,298	113,542
Florida (west coast):								
Catch.....	54,676	62,013	105,756	135,535	119,607	124,683	129,659	135,866
Value.....	3,452	9,955	21,190	21,048	24,921	22,477	24,165	26,866
Alabama:								
Catch.....	11,344	10,988	13,441	12,106	9,081	14,888	15,067	17,789
Value.....	562	2,122	2,265	3,003	2,509	3,714	3,975	4,986
Mississippi:								
Catch.....	38,002	84,139	183,137	314,214	370,074	341,313	331,898	368,385
Value.....	623	3,371	5,685	7,606	7,983	8,591	8,045	9,264
Louisiana:								
Catch.....	126,627	316,250	397,203	566,411	766,540	752,284	696,140	787,087
Value.....	4,952	23,645	23,418	25,949	28,923	33,941	33,585	36,852
Texas:								
Catch.....	19,369	97,251	130,101	237,684	172,108	166,344	145,070	154,348
Value.....	993	11,265	23,729	27,853	30,168	30,067	29,528	35,574
Catch, by species:								
Crabs.....	18,636	19,218	20,337	35,768	26,802	27,517	26,259	37,879
Menhaden.....	25,195	326,030	480,992	840,907	1,056,625	967,693	904,141	1,022,837
Mullet.....	30,417	23,892	27,508	32,708	35,301	35,077	36,890	33,918
Oysters.....	17,584	12,292	13,881	16,098	18,838	24,139	23,385	19,156
Shrimp.....	127,838	151,753	212,402	205,725	141,726	203,116	179,032	195,237
<b>Great Lakes:<sup>1</sup></b>								
Catch.....	79,296	70,882	76,754	68,243	65,572	59,006	56,687	55,905
Value.....	5,623	10,846	9,690	7,133	5,533	5,289	5,572	5,832
Superior:								
Catch.....	20,672	12,584	13,581	13,771	12,602	12,125	9,642	8,748
Value.....	904	1,977	1,886	1,301	1,086	1,011	849	1,063
Michigan:								
Catch.....	22,601	27,078	30,036	24,311	23,475	21,021	26,201	26,994
Value.....	2,050	3,661	3,221	2,447	1,899	1,871	2,601	2,426
Huron:								
Catch.....	9,012	5,073	4,553	6,338	5,880	5,206	4,094	4,673
Value.....	680	411	484	1,249	897	785	678	776
Erie:								
Catch.....	22,944	23,982	26,796	21,258	19,660	17,238	13,354	13,524
Value.....	1,772	4,572	3,954	1,920	1,451	1,439	1,252	1,414
<b>Pacific Coast States:</b>								
Catch.....	2,019,969	1,997,542	1,115,427	1,060,825	1,125,747	1,116,733	1,151,612	1,146,725
Value.....	40,190	139,199	106,532	112,118	138,983	124,105	129,337	148,363
Washington:								
Catch.....	111,632	118,694	155,305	113,115	117,504	149,687	100,924	127,357
Value.....	6,676	19,071	20,906	15,551	18,939	21,437	15,632	18,477
Oregon:								
Catch.....	54,203	58,256	46,710	49,160	61,005	61,362	57,206	69,145
Value.....	2,742	7,151	5,683	6,055	7,833	7,679	7,030	8,816
California:								
Catch.....	1,290,446	1,338,299	598,089	540,837	518,020	513,746	500,868	458,028
Value.....	20,160	81,605	53,175	49,578	54,969	49,286	50,659	50,743
Alaska:								
Catch.....	563,688	482,293	315,323	357,713	429,218	391,938	492,614	492,195
Value.....	10,612	31,372	26,768	40,934	57,242	45,703	56,016	70,327

<sup>1</sup> Collected largely by State fishery agencies, and compiled by Fish and Wildlife Service.<sup>2</sup> Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.



No. 1002. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1940 TO 1965—Continued

[Catch in thousands of pounds; value in thousands of dollars]

STATE, CATCH, AND VALUE	1940	1950	1955	1960	1962	1963	1964	1965
<b>Pacific Coast States—Con.</b>								
Catch, by species:								
Crabs.....	16,132	23,810	20,004	64,847	76,357	103,844	110,042	160,913
Flounder.....	20,415	49,799	46,912	47,683	50,875	51,299	47,395	46,463
Hailbut.....	23,733	12,455	22,410	50,932	53,757	45,569	35,047	40,497
Herring.....	1,060	1,864	2,413	83,820	41,570	38,834	52,246	34,543
Mackerel.....	120,504	32,650	23,310	36,810	48,579	40,243	26,828	7,050
Pilchard or sardine.....	913,944	714,522	145,608	57,533	15,363	7,131	13,138	1,924
Salmon.....	500,561	328,644	289,880	235,447	314,566	294,177	352,246	326,806
Shrimp.....	1,138	974	1,553	12,418	22,906	21,260	14,497	20,091
Tuna.....	204,882	389,891	269,362	287,765	293,880	297,343	286,311	296,485
<b>Mississippi River and tributaries:</b>								
Catch.....	(NA)	105,796	103,166	85,605	69,353	79,850	77,131	84,755
Value.....	(NA)	10,104	8,205	7,829	6,515	7,393	7,383	7,844
<b>Hawaii:</b>								
Catch.....	(NA)	15,917	15,096	11,118	13,157	11,735	12,685	19,588
Value.....	(NA)	3,508	3,113	2,704	2,820	2,679	2,848	3,602
Tuna catch.....	(NA)	11,918	11,958	9,020	11,063	9,508	10,407	17,450

NA Not available.  
Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 1003. CATCH LANDED AT CERTAIN LEADING PORTS: 1965 AND 1966

[Catch in thousands of pounds; value in thousands of dollars]

PORT	1965		1966 (prel.)		Important species
	Catch	Value	Catch	Value	
Beaufort-Morehead City, N.C.....	130,200	3,200	175,000	4,300	Menhaden, shrimp.
Boston, Mass.....	103,600	11,600	89,700	10,600	Haddock, cod.
Cameron, La.....	167,800	5,000	166,900	5,200	Menhaden, shrimp.
Empire, La.....	185,000	6,000	93,600	5,300	Menhaden, shrimp.
Gloucester, Mass.....	121,400	7,000	115,500	7,600	Whiting, ocean perch, haddock.
Houma, La.....	151,700	6,300	145,200	7,500	Menhaden, shrimp.
Kodiak, Alaska.....	(NA)	(NA)	120,000	13,000	King crab, salmon, halibut.
Lewes, Del.....	45,600	(NA)	(NA)	(NA)	Menhaden.
Morgan City, La.....	134,700	6,400	91,200	5,800	Menhaden, shrimp.
New Bedford, Mass.....	147,300	19,800	133,600	19,000	Flounder, haddock, sea scallops.
Pascagoula, Miss.....	325,100	6,200	224,700	5,500	Menhaden and other industrial fish.
Point Judith, R.I.....	(NA)	(NA)	51,800	2,500	Industrial fish.
Portland, Maine.....	48,700	1,900	50,900	2,500	Ocean perch, sea herring, lobster.
Reedville, Va.....	289,300	(NA)	222,300	(NA)	Menhaden.
Rockland, Maine.....	37,800	1,500	43,000	1,900	Ocean perch, sea herring, lobster.
San Diego, Calif.....	54,300	7,200	62,000	8,300	Tuna.
San Pedro, Calif.....	303,800	31,400	311,000	33,600	Tuna, mackerel, anchovies.

NA Not available.

No. 1004. FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1950 TO 1966

[Round weight of catch in millions of pounds. Prior to 1960, excludes Hawaii. In addition to whole fish, a large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil. From 400 to 500 million pounds of waste were used in meal and oil production in each year shown. See also *Historical Statistics, Colonial Times to 1957*, series L 155-161]

DISPOSITION	1950	1955	1960	1961	1962	1963	1964	1965	1966 (prel.)
<b>Total.....</b>	<b>4,884</b>	<b>4,794</b>	<b>4,942</b>	<b>5,187</b>	<b>5,354</b>	<b>4,847</b>	<b>4,541</b>	<b>4,777</b>	<b>4,341</b>
Fresh and frozen.....	1,692	1,568	1,631	1,572	1,621	1,657	1,643	1,751	1,709
Canned.....	1,720	1,039	1,043	1,077	1,106	1,073	1,033	1,042	1,028
Cured.....	100	86	82	81	80	78	71	76	77
Reduced to meal, oil, etc.....	1,372	2,101	2,186	2,457	2,547	2,039	1,794	1,908	1,527

Source of tables 1003 and 1004: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States*.

**No. 1005. PER CAPITA CONSUMPTION OF COMMERCIALY CAUGHT FISH AND SHELL-FISH: 1940 TO 1966**

[Pounds of edible meat]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
<b>Total</b> .....	<b>11.0</b>	<b>11.8</b>	<b>10.5</b>	<b>10.3</b>	<b>10.5</b>	<b>10.9</b>	<b>10.6</b>
Fresh and frozen.....	5.7	6.3	5.9	5.7	5.9	6.0	5.9
Canned.....	4.6	4.9	3.9	4.0	4.1	4.4	4.2
Cured.....	0.7	0.6	0.7	0.6	0.5	0.5	0.5

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States*.

**No. 1006. CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE, BY SPECIES: 1950 TO 1966**

[Production in thousands of pounds; value in thousands of dollars. Prior to 1955, excludes Hawaii, Puerto Rico, and American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series L 176-195]

YEAR	Total	Salmon	SARDINES		Tuna	Mack- erel	Shrimp	Clam prod- ucts	Oysters	Other
			Maine <sup>1</sup>	Calif.						
PRODUCTION										
1950-----	967, 115	206, 871	78, 037	228, 186	173, 462	65, 567	11, 794	38, 868	6, 893	157, 437
1955-----	843, 695	157, 855	25, 758	63, 657	196, 412	25, 399	13, 516	43, 324	7, 834	309, 940
1960-----	1, 083, 556	136, 049	46, 744	27, 714	301, 388	42, 064	14, 268	45, 256	5, 747	464, 326
1963-----	1, 035, 909	158, 153	37, 890	2, 568	326, 712	57, 395	15, 904	58, 742	6, 249	372, 296
1964-----	1, 095, 565	180, 442	20, 259	5, 438	349, 834	48, 187	9, 740	60, 348	5, 912	415, 405
1965-----	1, 121, 629	174, 413	29, 646	374	358, 405	31, 655	15, 629	67, 592	4, 033	439, 882
1966 (prel.)---	1, 176, 613	208, 514	31, 187	116	394, 268	18, 575	15, 084	68, 833	2, 800	437, 236
VALUE										
1950-----	331, 335	109, 541	21, 209	26, 346	112, 136	7, 492	12, 773	10, 840	7, 096	23, 902
1955-----	303, 165	81, 356	9, 333	10, 014	125, 223	3, 334	13, 562	12, 057	7, 004	41, 282
1960-----	387, 595	88, 197	16, 700	4, 659	172, 679	5, 804	17, 233	13, 676	5, 640	63, 007
1963-----	421, 607	87, 963	13, 244	685	201, 588	7, 603	19, 531	17, 449	5, 633	67, 911
1964-----	436, 660	95, 761	7, 584	1, 030	217, 585	6, 760	12, 986	17, 957	5, 292	71, 705
1965-----	495, 231	122, 744	10, 868	71	232, 976	4, 937	20, 655	18, 097	3, 701	81, 122
1966 (prel.)---	551, 391	134, 578	12, 219	25	270, 239	3, 346	22, 939	20, 605	3, 201	84, 239

<sup>1</sup> Also known as Atlantic sea herring.

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

**No. 1007. CANNED AND INDUSTRIAL FISHERY PRODUCTS—PRODUCTION AND VALUE: 1950 TO 1966**

[Excludes Hawaii except that, beginning 1955, canned fishery products and meal include Hawaii, Puerto Rico, and American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series L 177 and L 196-201]

YEAR	CANNED		SCRAP AND MEAL		OIL (EXCEPT VITAMIN)		Vitamin oil, value
	Production	Value	Production	Value	Production	Value	
	<i>1,000 lb.</i>	<i>\$1,000</i>	<i>Tons</i>	<i>\$1,000</i>	<i>1,000 gal.</i>	<i>\$1,000</i>	<i>\$1,000</i>
1950.....	967, 115	331, 335	239, 713	29, 226	21, 432	14, 042	3, 431
1955.....	845, 019	303, 165	264, 502	34, 749	24, 679	14, 280	589
1960.....	1, 083, 556	387, 595	290, 137	25, 282	27, 853	13, 037	350
1963.....	1, 035, 909	421, 607	255, 907	30, 235	23, 974	10, 824	29
1964.....	1, 095, 565	436, 660	235, 252	28, 039	23, 248	13, 273	24
1965.....	1, 121, 629	495, 231	254, 051	35, 707	<sup>1</sup> 25, 218	14, 852	
1966 (prel.)...	1, 176, 613	551, 391	224, 434	32, 404	<sup>1</sup> 21, 196	12, 577	

<sup>1</sup> Includes a small amount of vitamin oil.

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 1008. FRESH AND FROZEN FISH AND FROZEN FISHERY PRODUCTS: 1940 TO 1966  
[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series L 160, for frozen fishery products]

ITEM AND YEAR	FRESH AND FROZEN PACKAGED FISH							Frozen fishery products <sup>1</sup>
	Total	Cod	Floun-der	Haddock	Ocean perch, Atlantic	Whiting	Other	
PRODUCTION (1,000 lb.)								
1940.....	129,420	14,805	11,245	37,140	23,014	13,256	29,960	196,155
1950.....	191,524	12,990	28,331	51,192	63,128	2,537	33,346	287,190
1955.....	159,039	11,737	22,740	38,276	47,821	3,703	34,762	314,684
1960.....	153,166	9,483	28,378	33,324	43,551	2,951	35,479	328,741
1961.....	158,112	10,128	31,517	38,160	37,494	3,297	37,516	319,585
1962.....	171,528	11,236	38,198	41,553	35,485	3,180	41,876	343,479
1963.....	165,985	10,432	45,894	36,708	30,250	2,405	40,296	351,466
1964.....	161,121	10,116	48,554	37,331	23,815	2,094	39,211	332,284
1965.....	168,832	9,975	49,586	40,154	22,696	2,286	44,135	366,781
1966 (prel.).....	166,928	10,099	49,723	39,930	21,664	2,445	43,067	358,639
VALUE (\$1,000)								
1940.....	14,345	1,793	1,542	4,521	2,272	561	3,656	(NA)
1950.....	53,482	3,101	9,916	14,275	15,126	399	10,665	
1955.....	44,865	2,785	8,769	9,848	10,896	591	11,976	
1960.....	48,437	2,851	11,204	10,839	10,177	571	12,795	
1961.....	51,764	3,204	12,207	12,009	9,475	630	14,239	
1962.....	59,307	3,618	14,097	14,170	9,429	641	17,352	
1963.....	57,461	3,395	16,426	13,284	8,490	535	15,331	
1964.....	57,364	3,351	17,457	13,710	6,324	460	16,062	
1965.....	66,314	3,530	20,267	16,286	6,156	509	19,566	
1966 (prel.).....	70,248	3,823	22,837	16,872	5,743	618	20,355	

NA Not available. <sup>1</sup> Includes Alaska.

No. 1009. PROCESSED FISHERY PRODUCTS—SUMMARY: 1960, 1965, AND 1966  
[Production in thousands of pounds, except as indicated. Includes Puerto Rico and American Samoa]

PRODUCT	1960		1965		1966 (prel.)	
	Produc-tion	Value (\$1,000)	Produc-tion	Value (\$1,000)	Produc-tion	Value (\$1,000)
Total.....	(X)	812,847	(X)	1,117,958	(X)	(NA)
Packaged, fresh and frozen.....	584,220	315,811	834,392	485,731	(NA)	(NA)
Fish, not breaded:						
Fillets and steaks, raw.....	153,166	48,437	172,754	68,500	166,928	70,248
Other <sup>1</sup> .....	6,166	1,262	41,832	5,993	(NA)	(NA)
Fish, breaded, raw and cooked:						
Sticks.....	65,142	28,671	82,483	35,778	81,295	35,767
Fillets, portions, and pan-dressed.....	51,924	18,965	148,385	60,448	(NA)	(NA)
Shellfish:						
Not breaded.....	191,749	138,022	234,217	193,879	(NA)	(NA)
Breaded.....	84,221	57,412	111,178	88,463	(NA)	(NA)
Fish and shellfish specialties.....	31,852	23,043	43,543	32,670	(NA)	(NA)
Canned products.....	1,083,556	387,595	1,121,629	495,231	1,176,613	551,391
Fish and shellfish for human consumption.....	661,066	342,747	749,518	446,833	818,717	503,583
Salmon eggs for bait.....	718	869	756	1,550	559	1,254
Animal food <sup>1</sup> .....	421,772	43,979	371,355	46,848	357,337	46,554
Cured fish.....	68,319	42,845	74,448	54,166	(NA)	(NA)
Salted and pickled <sup>2</sup> .....	35,949	14,388	42,152	17,733	(NA)	(NA)
Smoked.....	31,512	27,557	31,573	33,896	(NA)	(NA)
Dried shrimp.....	<sup>3</sup> 857	<sup>3</sup> 900	<sup>3</sup> 723	<sup>3</sup> 2,537	(NA)	(NA)
Industrial products.....	(X)	66,595	(X)	82,830	(X)	73,369
Meal and scrap.....1,000 tons..	290	25,282	254	35,707	224	32,404
Oil (body and liver).....1,000 gallons..	27,886	13,386	25,218	14,852	21,196	12,577
Fish solubles and homogenized condensed fish.....1,000 tons..	99	4,021	95	5,939	85	5,170
Oyster and marine clam-shell lime and grit.....1,000 tons..	471	6,821	350	4,559	338	4,472
Marine pearl-shell buttons.....1,000 gross..	1,426	2,676	409	1,017	223	815
Other.....	(X)	14,409	(X)	20,756	(X)	17,931

NA Not available. X Not applicable. <sup>1</sup> Includes whale meat for animal feeding.

<sup>2</sup> Includes lutefisk from dried cod. <sup>3</sup> Includes other species, principally tuna.

Source of tables 1008 and 1009: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.



# Fishery Products

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## No. 1010. FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1940 TO 1966

[Quantity in thousands of pounds; value in thousands of dollars. Includes Puerto Rico; beginning 1955, imports also include landings of tuna by foreign vessels in American Samoa. See *Historical Statistics, Colonial Times to 1957*, series L 162, for edible imports]

YEAR	IMPORTS				EXPORTS			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
1940-----	41,830	302,518	29,073	12,757	17,785	144,804	17,115	670
1945-----	101,254	404,768	76,434	24,820	38,510	135,979	30,855	7,655
1950-----	198,296	639,725	158,414	39,882	27,474	121,623	18,856	8,618
1955-----	258,869	780,185	208,973	49,896	39,977	109,750	24,923	15,054
1960-----	363,281	1,095,014	310,596	52,685	44,165	61,454	25,622	18,543
1962-----	489,807	1,255,532	405,832	83,975	35,728	56,530	22,470	13,258
1963-----	500,712	1,196,917	399,928	100,784	56,605	64,745	30,376	26,229
1964-----	564,243	1,318,099	433,674	130,569	64,204	94,835	42,878	21,326
1965-----	600,869	1,398,416	479,377	121,492	69,483	96,444	49,308	20,175
1966 (prel.)-----	(NA)	(NA)	(NA)	(NA)	84,813	109,604	62,882	21,931

NA Not available.

Source: Dept. of the Interior, Fish and Wildlife Service; annual reports, *Fishery Statistics of the United States*, and *Fisheries of the United States*. Compiled from data furnished by Dept. of Commerce, Bureau of the Census.

## No. 1011. SELECTED FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1955 TO 1966

[Quantity in thousands of pounds; value in thousands of dollars. Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1957*, series L 164-171, for selected imports]

PRODUCT	1955		1960		1965		1966 (prel.) Quantity
	Quantity	Value	Quantity	Value	Quantity	Value	
IMPORTS							
Edible:							
Fresh or frozen:							
Whitefish (exc. fillets)-----	10,161	3,421	14,483	5,520	13,382	5,278	(NA)
Halibut (exc. fillets)-----	15,988	3,187	24,124	5,832	21,726	7,508	19,496
Salmon (exc. fillets)-----	16,945	5,488	13,472	6,340	7,861	5,154	8,295
Sea herring-----	6,302	151	74,682	1,728	117,993	2,222	(NA)
Smelt-----	6,176	1,230	8,437	1,402	8,800	1,308	(NA)
Swordfish (exc. fillets)-----	6,742	2,000	7,256	2,994	7,193	3,784	(NA)
Tuna-----	145,246	19,047	234,648	29,595	339,221	48,501	403,370
Groundfish fillets-----	128,312	24,768	155,550	33,265	294,954	73,934	315,098
Other fillets and steaks-----	55,223	17,627	61,713	20,955	74,724	30,078	92,707
Lobster and spiny lobster-----	45,441	30,104	53,749	44,767	56,411	68,701	53,971
Shrimp and prawn-----	53,772	24,532	113,418	56,406	160,287	111,277	176,424
Canned:							
Anchovies, in oil-----	5,753	2,695	5,160	2,173	4,543	3,617	(NA)
Salmon-----	14,644	5,173	19,113	7,541	101	80	572
Sardines, in oil-----	20,930	7,502	21,236	8,330	21,532	10,241	23,600
Sardines and herring, not in oil-----	9,886	2,366	16,732	3,467	31,435	6,383	33,989
Tuna, in oil-----	818	355	596	221	211	121	160
Tuna, not in oil-----	34,745	13,846	51,159	18,921	50,750	20,307	61,400
Bonito and yellowtail:							
In oil-----	11,725	2,822	7,109	1,699	2,044	600	1,536
Not in oil-----	3,589	688	2,795	599	1,888	443	1,320
Crab meat-----	4,951	4,718	4,507	5,514	4,166	4,935	2,233
Lobster, common and spiny-----	3,775	5,073	2,939	5,239	2,980	7,336	3,019
Pickled or salted:							
Cod, haddock, hake, pollock, and cusk-----	50,626	7,793	47,355	9,435	8,610	2,838	(NA)
Herring-----	32,390	3,641	29,294	3,924	26,742	3,756	(NA)
Nonedible (scrap and meal)-----	196,000	12,956	264,000	11,068	542,000	30,720	896
EXPORTS							
Canned:							
Salmon-----	10,429	6,599	11,924	9,830	24,892	15,916	20,484
Mackerel-----	1,548	244	1,305	211	2,174	401	1,139
Sardines, in oil-----	1,179	246	264	65	3,376	990	3,557
Sardines, not in oil-----	45,431	7,232	20,955	3,443			
Fish oil, nonedible-----	143,042	11,913	143,659	10,688	103,807	9,208	77,255

NA Not available.

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*. Compiled from data furnished by Dept. of Commerce, Bureau of the Census.

No. 1012. SUPPLY OF FISHERY PRODUCTS: 1955 TO 1966  
[Round weight, in millions of pounds, except as indicated]

ITEM	1955	1960	1963	1964	1965	1966
Total.....	7, 121	8, 223	11, 434	12, 031	10, 534	12, 439
For human food.....	3, 911	4, 264	4, 803	4, 873	5, 162	5, 422
For industrial use.....	3, 210	3, 959	6, 631	7, 158	5, 372	7, 017
Domestic catch.....	4, 809	4, 942	4, 847	4, 541	4, 776	4, 341
Percent of total.....	67. 5	60. 1	42. 4	37. 7	45. 3	34. 9
For human food.....	2, 579	2, 498	2, 556	2, 497	2, 586	2, 568
For industrial use <sup>1</sup> .....	2, 230	2, 444	2, 291	2, 044	2, 190	1, 773
Imports <sup>2</sup> .....	2, 312	3, 281	6, 587	7, 490	5, 758	8, 098
Percent of total <sup>2</sup> .....	32. 5	39. 9	57. 6	62. 3	54. 7	65. 1
For human food <sup>2</sup> .....	1, 332	1, 766	2, 247	2, 376	2, 576	2, 854
For industrial use <sup>1</sup> .....	980	1, 515	4, 340	5, 114	3, 182	5, 244

<sup>1</sup> Univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) are reported in the weights of meats, excluding the shell.  
<sup>2</sup> Excludes imports of cured cod into Puerto Rico; includes landings of foreign caught tuna in American Samoa.  
Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States*.

No. 1013. POLLUTION-CAUSED FISH KILL, BY SOURCE OF POLLUTION AND TYPE OF WATER: 1963 TO 1966

[Fish in thousands. Estimates based on reports from State agencies responsible for fisheries management]

ITEM	1963	1964	1965	1966	ITEM	1963	1964	1965	1966
Number of reports.....	300	385	446	372	By source of pollution—Con.				
Fish reported killed.....	6, 817	17, 870	11, 393	8, 743	Municipal operations.....	914	3, 894	5, 912	1, 347
By source of pollution:					Refuse disposal.....	7	2	17	—
Agricultural operations.....	561	1, 415	1, 390	1, 260	Sewerage systems.....	905	3, 668	5, 211	1, 284
Insecticides, poisons, etc.....	401	191	771	218	Water systems.....	1	128	604	7
Fertilizers.....	1	67	3	1	Other.....	2	94	79	56
Manure-silage drainage.....	158	1, 157	617	1, 041	Transportation operations.....	78	22	307	103
Industrial operations.....	2, 691	12, 525	3, 764	4, 623	Pipeline.....	1	5	197	24
Chemicals.....	224	526	219	709	Truck.....	72	11	106	66
Food and kindred products.....	428	250	537	1, 793	Other.....	5	7	3	13
Mining.....	331	2, 575	295	1, 443	Other operations.....	2, 572	13	21	1, 410
Paper and allied products.....	172	9	495	13	By type of water:				
Petroleum.....	1, 157	547	1, 516	154	Fresh.....	5, 478	15, 334	11, 256	8, 699
Combinations.....	21	8, 336	492	95	Salt.....	1, 234	2, 532	102	19
Other.....	358	283	211	416	Estuary.....	104	4	36	25
					Average duration of kill.....days..	3. 2	2. 4	2. 6	2. 7

- Represents zero.  
Source: Dept. of the Interior, Federal Water Pollution Control Administration; annual reports, *Pollution-Caused Fish Kills*.

No. 1014. POLLUTION-CAUSED FISH KILL, BY SOURCE OF POLLUTION: 1966  
[Based on reports from State agencies responsible for fisheries management]

SOURCE OF POLLUTION	REPORTS				ESTIMATED KILL (1,000) <sup>2</sup>			
	Total	Giving number of fish killed			Total	Game	Non-game	Of commercial value
		Number	Fish (1,000)	Average kill <sup>1</sup>				
Total.....	436	372	8, 743	5, 620	9, 115	1, 480	7, 635	3, 098
Agricultural operations.....	87	79	1, 260	4, 185	1, 293	455	838	439
Industrial operations.....	194	160	4, 623	6, 540	4, 845	596	4, 249	1, 647
Municipal operations.....	90	79	1, 347	5, 970	1, 413	146	1, 267	480
Transportation operations.....	27	24	103	4, 275	116	30	86	39
Other operations.....	38	30	1, 410	4, 630	1, 448	253	1, 195	492

<sup>1</sup> Averages derived after exclusion of 21 reports of 100,000 or more.  
<sup>2</sup> All fish killed as reported plus average for each source applied to reports which gave no number.  
Source: Dept. of the Interior, Federal Water Pollution Control Administration; annual report, *Pollution-Caused Fish Kills, 1966*.

## Section 27

### Mining and Mineral Products

This section presents statistics relating to the mineral industries and mineral products. The data are arranged in four broad groupings: General summary statistics, fuels, nonmetals other than fuels, and metals. Summary measures of production and employment are presented for mining and its products. More detailed data on value and quantity of production, prices, imports and exports, consumption, and distribution are shown for specific mineral industries and products.

The principal source of these data is the *Minerals Yearbook*, published by the Bureau of Mines of the Department of the Interior, in four volumes, as follows: *Metals and Minerals (Except Fuels)*, *Fuels*, *Area Reports*, and *International Review*. Other government sources are the Census of Mineral Industries, conducted every 5 years by the Bureau of the Census; *Statistics of Oil Pipe Line Companies*, issued annually by the Interstate Commerce Commission as Part 6 of *Transport Statistics*; and the Bureau of the Mint's *Annual Report of the Director*, which presents data on gold and silver. Non-government sources include the *Engineering and Mining Journal*, issued monthly by the McGraw-Hill Publishing Co., New York, and *The Iron Age*, issued weekly by the Chilton Co., Philadelphia.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the United States Geological Survey or by the Bureau of Mines since 1880. Current data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes data on man-hours, active days, length of shift, and accidents. The *International Review* presents mineral statistics for major countries and areas.

Decennial censuses of mineral industries were conducted by the Bureau of the Census from 1840 to 1940. Censuses were taken again for the years 1954, 1958, and 1963. They provide, for the various types of mineral establishments, information on operating costs, capital expenditures, and labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series.

Data on mining and mineral products may also be found in other sections of this *Abstract*. For example, data on iron and steel, aluminum and magnesium, copper products, clay products, and other manufactured mineral products appear in section 29, Manufactures; and summary data for outlying areas of the U.S. appear in section 32.

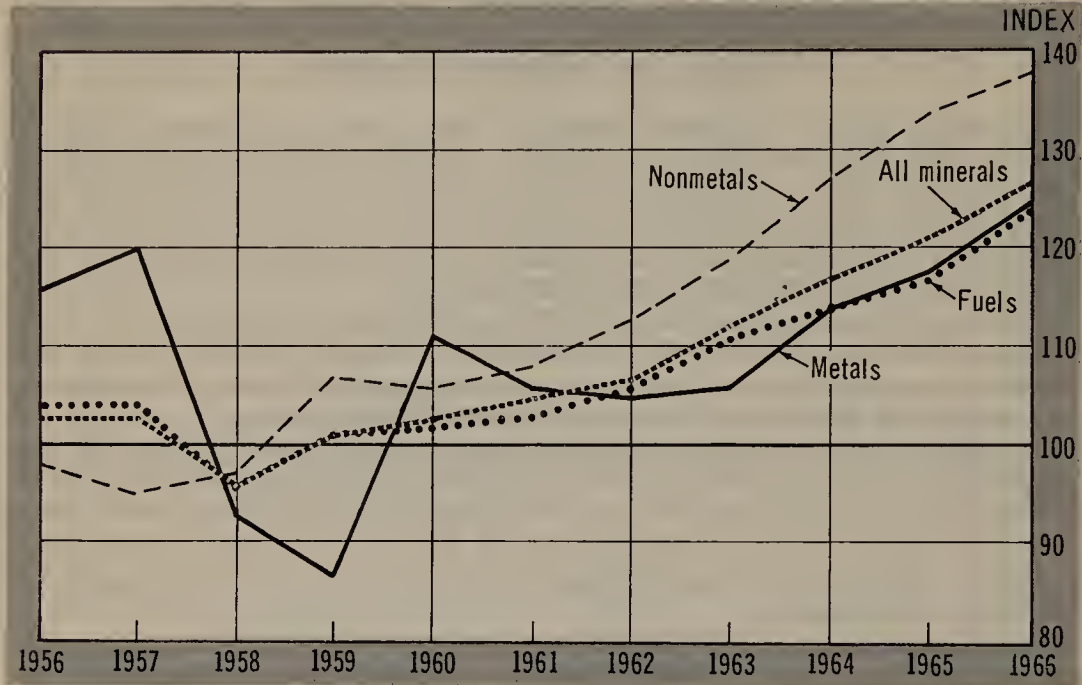
In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1019. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of Alaska, Hawaii, and Puerto Rico, but exclude shipments between conterminous U.S. and outlying areas.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



FIG. XLIV. INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION:  
1956 TO 1966

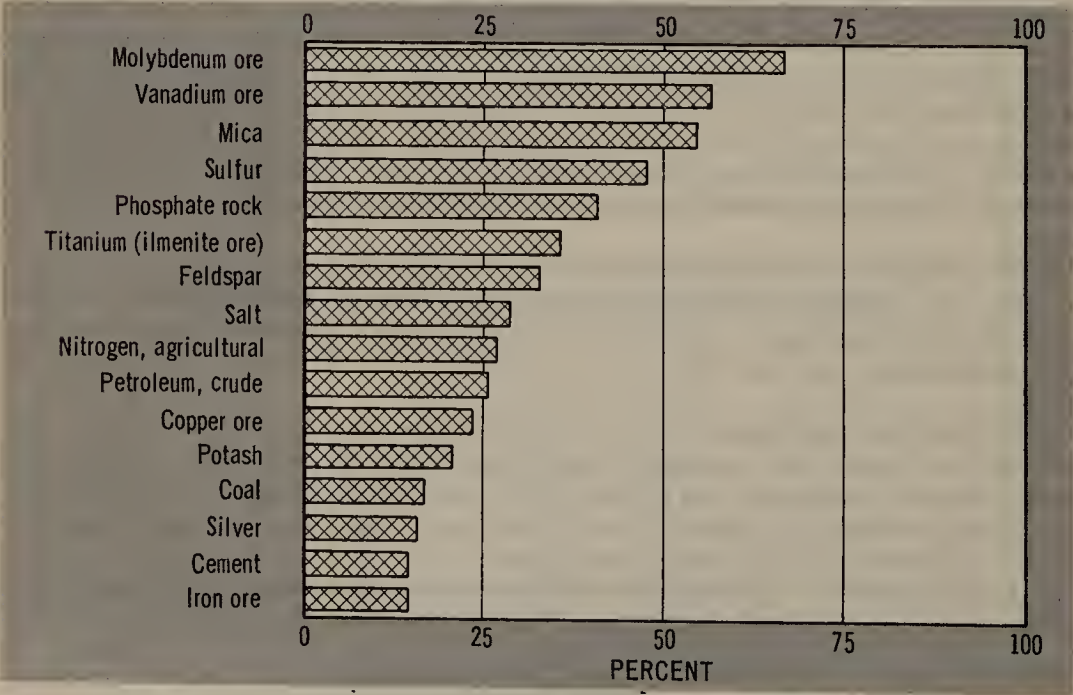
[1957-59=100. See table 1016]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

FIG. XLV. U.S. MINERAL PRODUCTION AS PERCENT OF WORLD TOTAL: 1965

[See table 1020]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

## No. 1015. VALUE OF MINERAL PRODUCTION: 1931 TO 1966

[In millions of dollars. Prior to 1953, excludes Alaska and Hawaii. Includes some products, as cement, lime, and natural gas liquids in all years, and, through 1946, heavy clay products; also, nonferrous metals are valued at the refined price. See also *Historical Statistics, Colonial Times to 1957*, series M 13-14, M 20, and M 30]

YEARLY AVERAGE	Total	Metals	Non-metals	Fuels <sup>1</sup>	YEAR	Total	Metals	Non-metals	Fuels <sup>1</sup>
1931-1935-----	2,463	252	520	1,691	1960-----	18,032	2,022	3,868	12,142
1936-1940-----	3,879	623	711	2,545	1962-----	18,838	1,937	4,117	12,784
1941-1945-----	5,840	910	937	3,993	1963-----	19,615	2,002	4,318	13,295
1946-1950-----	10,277	1,097	1,503	7,678	1964-----	20,507	2,261	4,623	13,623
1951-1955-----	14,285	1,734	2,480	10,070	1965-----	21,433	2,472	4,916	14,045
1956-1960-----	17,557	1,936	3,595	12,026	1966 (prel.)-----	22,792	2,635	5,104	15,053
1961-1965-----	19,725	2,120	4,384	13,221					

<sup>1</sup> Through 1948, comprises coal, natural gas, natural gas liquids, and petroleum; beginning 1949, also includes asphalt and related bitumens, carbon dioxide, helium, and peat.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1016. BUREAU OF MINES INDEXES OF MINERAL PRODUCTION AND VALUE: 1956 TO 1966

[1957-59=100. Includes Puerto Rico and outlying areas of U.S. See *Historical Statistics, Colonial Times to 1957*, series M 51-62, for indexes of physical volume on 1947-49 base]

YEAR	PHYSICAL VOLUME OF PRODUCTION				IMPLICIT UNIT VALUE <sup>1</sup>			
	All min-erals	Metals	Non-metals	Fuels	All min-erals	Metals	Non-metals	Fuels
1956-----	103.4	116.3	97.5	103.5	97.1	114.9	97.2	93.9
1957-----	103.3	120.0	95.4	103.5	101.3	100.7	99.4	101.7
1958-----	96.0	92.8	97.5	96.0	99.5	97.1	99.5	99.9
1959-----	100.7	87.2	107.1	100.5	99.1	102.0	101.0	98.3
1960-----	103.3	110.8	105.8	101.6	100.2	103.5	102.4	98.8
1961-----	104.5	106.4	108.3	103.1	100.2	102.8	102.1	99.2
1962-----	107.4	105.0	113.3	106.0	100.6	104.7	101.8	99.7
1963-----	112.2	105.7	119.4	110.8	100.3	101.2	107.3	99.2
1964-----	116.7	113.9	126.9	114.0	100.7	112.8	101.9	98.5
1965-----	120.8	117.5	134.2	117.3	101.3	119.4	101.2	98.7
1966 (prel.)-----	126.8	124.9	137.6	123.8	102.6	119.4	102.5	100.2

<sup>1</sup> Value index divided by physical volume index. Based on production data not strictly comparable with those shown in source.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

## No. 1017. FEDERAL RESERVE BOARD PRODUCTION INDEXES—MINING AND METALS: 1950 TO 1966

[1957-59=100. See *Historical Statistics, Colonial Times to 1957*, series M 63-66, for indexes on 1947-49 base]

ITEM	1950	1955	1960	1964	1965	1966 (prel.)
<b>Mining</b> -----	83	99	102	112	115	120
Coal, oil, and gas-----	85	100	100	110	113	118
Coal-----	126	110	94	109	113	115
Crude oil-----	77	98	101	110	112	119
Gas and gas liquids-----	61	88	113	136	143	152
Metal, stone, and earth minerals-----	75	96	111	118	126	133
Metal mining-----	91	104	112	117	124	133
Stone and earth minerals-----	65	91	110	119	127	134
<b>Metals</b> -----						
Primary metals-----	100	118	101	129	138	143
Iron and steel-----	103	121	101	127	134	136
Nonferrous metals and products-----	86	108	103	138	152	167

Source: Board of Governors of the Federal Reserve System; *Industrial Production, 1957-59 Base*, and *Federal Reserve Bulletin*.

NO. 1018. MINERAL PRODUCTION—VALUE, 1960 TO 1965, AND RANK AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1965, BY STATES  
[In millions of dollars]

STATE	1960	1963	1964	1965		
				Value	Rank	Principal minerals in order of value
U.S. <sup>1</sup> .....	18,032	19,615	20,507	21,433	(X)	Petroleum, natural gas, coal, cement.
N.E.....	92	101	112	113	(X)	
Maine.....	14	14	18	18	47	Sand and gravel, cement, stone, clays.
N.H.....	5	6	7	8	48	Sand and gravel, stone, feldspar, clays.
Vt.....	23	24	26	27	44	Stone, asbestos, sand and gravel, talc.
Mass.....	28	33	36	36	43	Sand and gravel, stone, lime, clays.
R.I.....	6	3	3	3	49	Sand and gravel, stone.
Conn.....	15	21	22	21	45	Stone, sand and gravel, lime, feldspar.
M.A.....	1,156	1,190	1,269	1,284	(X)	
N.Y.....	261	259	288	290	18	Cement, stone, sand and gravel, salt.
N.J.....	56	73	78	80	37	Sand and gravel, stone, zinc, magnesium compounds.
Pa.....	838	857	902	914	4	Coal, cement, stone, iron ore.
E.N.C.....	1,723	1,769	1,883	1,915	(X)	
Ohio.....	406	419	455	464	15	Coal, stone, lime, cement.
Ind.....	211	204	212	219	24	Coal, cement, stone, petroleum.
Ill.....	590	587	591	593	8	Coal, petroleum, stone, sand and gravel.
Mich.....	438	492	555	566	10	Iron ore, cement, copper, sand and gravel.
Wis.....	79	67	70	73	39	Sand and gravel, stone, cement, zinc.
W.N.C.....	1,494	1,476	1,569	1,628	(X)	
Minn.....	516	454	497	508	12	Iron ore, sand and gravel, stone, cement.
Iowa.....	99	98	107	113	29	Cement, stone, sand and gravel, gypsum.
Mo.....	162	159	189	226	23	Stone, cement, lead, iron ore.
N. Dak.....	78	95	93	93	32	Petroleum, sand and gravel, coal, natural gas.
S. Dak.....	48	54	53	50	41	Gold, sand and gravel, stone, cement.
Nebr.....	104	99	92	84	34	Petroleum, cement, sand and gravel, stone.
Kans.....	487	518	538	554	11	Petroleum, natural gas, helium, natural gas liquids.
S.A. <sup>1</sup> .....	1,339	1,471	1,582	1,693	(X)	
Del.....	1	1	2	2	50	Sand and gravel, stone, clays, gem stones.
Md.....	58	70	74	78	38	Stone, cement, sand and gravel, coal.
Va.....	209	229	237	268	19	Coal, stone, cement, sand and gravel.
W. Va.....	723	768	823	860	6	Coal, natural gas, natural gas liquids, stone.
N.C.....	45	45	56	60	40	Stone, sand and gravel, cement, feldspar.
S.C.....	31	36	39	41	42	Cement, stone, clays, sand and gravel.
Ga.....	92	119	127	135	28	Clays, stone, cement, sand and gravel.
Fla.....	180	202	223	249	20	Phosphate rock, stone, cement, clays.
E.S.C.....	981	1,029	1,066	1,104	(X)	
Ky.....	415	433	444	466	14	Coal, petroleum, stone, natural gas.
Tenn.....	146	161	174	183	26	Stone, zinc, cement, phosphate rock.
Ala.....	222	216	236	246	21	Coal, cement, stone, petroleum.
Miss.....	199	220	212	209	25	Petroleum, natural gas, sand and gravel, cement.
W.S.C.....	7,059	8,111	8,391	8,775	(X)	
Ark.....	160	167	175	179	27	Petroleum, stone, bauxite, sand and gravel.
La.....	1,991	2,638	2,785	2,979	2	Petroleum, natural gas, natural gas liquids, sulfur.
Okla.....	783	878	882	908	5	Petroleum, natural gas, natural gas liquids, cement.
Tex.....	4,126	4,427	4,549	4,709	1	Petroleum, natural gas, natural gas liquids, cement.
Mt.....	2,606	2,725	2,843	3,048	(X)	
Mont.....	179	182	211	229	22	Copper, petroleum, sand and gravel, phosphate rock.
Idaho.....	58	83	86	105	30	Silver, lead, zinc, phosphate rock.
Wyo.....	439	502	500	499	13	Petroleum, natural gas, iron ore, sodium salts.
Colo.....	345	317	316	331	17	Petroleum, molybdenum, coal, sand and gravel.
N. Mex.....	654	689	720	773	7	Petroleum, potassium salts, natural gas, copper.
Ariz.....	417	481	534	580	9	Copper, sand and gravel, molybdenum, cement.
Utah.....	433	385	391	431	16	Copper, petroleum, coal, molybdenum.
Nev.....	81	85	85	100	31	Copper, sand and gravel, iron ore.
Pac.....	1,581	1,744	1,792	1,873	(X)	
Wash.....	72	71	81	86	33	Sand and gravel, cement, stone, zinc.
Oreg.....	56	63	64	83	36	Sand and gravel, stone, cement, nickel.
Calif.....	1,422	1,526	1,561	1,599	3	Petroleum, natural gas, cement, sand and gravel.
Alaska.....	22	68	66	84	35	Sand and gravel, petroleum, coal, stone.
Hawaii.....	9	15	20	21	46	Sand and gravel, stone, cement, pumice.

X Not applicable. <sup>1</sup> Includes District of Columbia, not shown separately.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



## NO. 1019. MINERAL PRODUCTION, 1960 TO 1965, AND PRINCIPAL PRODUCING STATES, 1965

[Value in thousands of dollars. Data represent production as measured by mine shipments, mine sales, or marketable production (including consumption by producers). See *Historical Statistics, Colonial Times to 1957*, series M 13-37, for selected values]

MINERAL	1960		1963		1964		1965	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total mineral production	(X)	18,032,000	(X)	19,615,000	(X)	20,507,000	(X)	21,433,000
Mineral fuels	(X)	12,142,000	(X)	13,295,000	(X)	13,623,000	(X)	14,045,000
Asphalt and related bitumens (native): Bituminous limestone and sandstone and gilsonite..... short tons	1,625,911	13,090	1,632,645	8,383	1,935,344	10,038	1,911,664	9,461
Carbon dioxide, natural (estimated)..... 1,000 cubic feet	521,169	99	1,295,545	178	1,232,816	166	1,173,676	152
Coal:								
Bituminous and lignite 1..... 1,000 short tons	415,512	1,950,425	458,928	2,013,309	486,998	2,165,582	512,088	2,276,022
Pennsylvania anthracite..... 1,000 short tons	18,817	147,116	18,267	153,503	17,184	148,648	14,866	122,021
Helium 2..... 1,000 cubic feet	475,179	7,768	627,344	21,957	4,027,497	61,245	4,365,068	66,687
Natural gas..... million cubic feet	12,771,038	1,789,970	14,746,663	2,328,030	15,462,138	2,387,689	16,039,753	2,494,542
Natural-gas liquids:								
Natural gasoline and cycle products..... 1,000 gallons	5,842,507	416,819	6,534,967	439,173	7,000,181	463,600	7,288,070	494,354
L.P.-gases..... 1,000 gallons	8,444,074	391,566	10,302,250	359,770	10,743,591	362,792	11,257,267	417,249
Peat..... short tons	470,889	5,138	546,621	5,423	639,690	6,198	603,746	6,080
Petroleum (crude)..... 1,000 (42-gal.) bbl.	2,574,933	7,420,181	2,752,723	7,905,743	2,786,822	8,017,078	2,848,462	8,158,150
Nonmetallic minerals (except fuels)	(X)	3,868,000	(X)	4,318,000	(X)	4,623,000	(X)	4,916,000
Abrasive stone 3..... short tons	2,539	(1)	2,693	(1)	3,186	(1)	3,603	(1)
Applite..... long tons	(D)	4,231	(D)	5,108	(D)	8,143	(D)	10,162
Asbestos..... short tons	45,223	8,574	66,396	9,402	101,092	9,796	118,275	10,192
Barite..... 1,000 short tons	714	47,550	824	54,981	830	60,871	807,000	64,180
Boron minerals..... short tons	640,591	44,637	700,183	48,558	776,000	66,064	807,000	77,259
Bromine..... 1,000 pounds	175,010		203,333		283,530		328,115	
Cement:								
Portland..... 1,000 (376-lb.) bbl.	321,646	1,089,134	342,036	1,095,884	358,378	1,145,108	366,802	1,154,448
Masonry..... 1,000 (280-lb.) bbl.			20,997	59,599	22,397	63,305	23,260	65,979
Natural and slag..... 1,000 (376-lb.) bbl.			352	1,407	283	1,027	279	1,027
Clays..... 1,000 short tons	49,069	162,411	50,135	180,810	52,947	192,631	55,089	203,772
Emery..... short tons	8,169	142	119	119	9,214	172	10,720	204
Fieldspar..... long tons	502,380	4,779	548,954	5,525	587,194	5,389	624,598	6,263
Fluorspar..... short tons	229,782	10,391	199,948	9,001	217,137	9,723	240,932	10,889
Garnet (abrasive)..... short tons	10,522	986	14,626	1,412	16,123	1,622	19,330	1,717
Gem stones (estimated)..... 1,000 short tons	(1)	1,188	(1)	1,421	(1)	1,474	(1)	2,218
Gypsum..... 1,000 short tons	9,825	35,690	10,388	38,138	10,684	38,874	10,035	37,423
Lime..... 1,000 short tons	12,935	172,731	14,521	199,389	16,089	223,149	16,794	232,939

See footnotes at end of table.

No. 1019. MINERAL PRODUCTION, 1960 TO 1965, AND PRINCIPAL PRODUCING STATES, 1965—Continued

[Value in thousands of dollars]

MINERAL	1960		1963		1964		1965	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Nonmetallic minerals (except fuels)—Continued								
Magnesium compounds from sea water and brines (except for metals)-----short tons (MgO equivalent)-----								
Mica:								
Scrap-----short tons-----	293,454	21,903	520,699	39,323	590,698	42,177	644,021	47,555
Sheet-----pounds-----	97,912	2,698	109,323	2,776	114,729	3,353	120,255	3,468
	587,401	3,108	102,961	13	242,662	58	716,086	185
Perlite-----short tons-----	312,153	2,665	325,132	2,727	349,867	3,073	392,384	3,352
Phosphate rock-----1,000 long tons-----	17,516	117,041	19,855	139,861	22,960	161,067	26,440	194,552
Potassium salts-----1,000 short tons (K <sub>2</sub> O equivalent)-----	2,638	89,676	2,864	110,164	2,897	114,095	3,140	129,767
Pumice-----1,000 short tons-----	2,210	5,569	2,618	6,578	2,776	6,443	3,483	6,640
Pyrites-----1,000 long tons-----	1,016	7,936	825	5,698	847	5,471	875	5,333
Salt (common)-----1,000 short tons-----	25,479	161,140	30,641	184,589	31,623	200,706	34,687	215,699
Sand and gravel-----1,000 short tons-----	709,792	720,432	821,850	847,272	868,208	893,375	908,049	957,416
Sodium carbonate (natural)-----short tons-----	808,624	20,865	1,119,081	27,616	1,274,745	30,451	1,494,105	34,717
Sodium sulfate (natural)-----short tons-----	449,631	8,706	435,257	8,392	575,033	10,989	619,752	11,024
Stone °-----1,000 short tons-----	616,794	952,555	688,366	1,068,108	725,683	1,134,564	780,072	1,203,618
Sulfur:								
Frasch-process mines-----1,000 long tons-----	5,003	115,494	4,995	99,014	6,035	120,776	7,251	146,921
Other mines-----1,000 long tons-----	181	1,732	1	15	1	8	3	11
Talc, pyrophyllite and soapstone-----short tons-----	734,473	5,378	804,358	5,505	889,949	6,218	862,875	6,343
Tripol-----short tons-----	57,713	247	66,635	286	64,613	268	71,138	381
Vermiculite-----1,000 short tons-----	199	3,108	226	3,572	226	3,613	249	4,460
Nonmetallic minerals, undistributed °-----	(X)	44,715	(X)	54,929	(X)	58,771	(X)	65,028

Metals		2,022,000	(X)	2,002,000	(X)	2,261,000	(X)	2,472,000	(X)
Antimony ore and concentrate									
	short tons (antimony content)	635		645		632		845	
Bauxite	long tons (dried equivalent)	1,997,827	1,524,700	17,234	1,600,722	17,875	1,653,840	18,632	Idaho, Nev., Alaska.
Beryllium concentrate	short tons (gross weight)	509	162	9751	(D)	(S)	(D)	(S)	Ark., Ala., Ga. S. Dak.
Copper (recoverable content of ores, etc.)	short tons	1,080,169	693,468	747,310	1,246,780	812,901	1,351,734	957,028	Ariz., Utah, Mont., N. Mex.
Gold (recoverable content of ores, etc.)	troy ounces	1,666,772	58,336	50,889	1,456,308	50,971	1,705,190	59,682	S. Dak., Utah, Nev., Ariz.
Iron ore, usable (excluding byproduct iron slinter)	1,000 long tons (gross weight)	82,963	724,131	73,563	84,300	802,331	84,472	804,498	Minn., Mich., Calif., N. Y.
Lead (recoverable content of ores, etc.)	short tons	246,669	57,722	253,369	286,010	74,936	301,147	93,959	Mo., Idaho, Utah, Colo.
Manganese ore (35 percent or more Mn)	short tons (gross weight)	80,021	5,352	10,622	26,058	(S)	29,258	(S)	Mont., N. Mex.
Manganiferous ore (5 to 35 percent Mn)	short tons (gross weight)	658,455	4,466	543,125	238,776	(S)	332,763	(S)	Minn., N. Mex., Mont.
Mercury	76-pound flasks	33,223	7,002	19,117	14,142	4,452	19,582	11,176	Calif., Nev., Oreg., Idaho.
Molybdenum (content of concentrate)	1,000 pounds	69,941	87,406	65,839	65,097	97,121	77,310	120,801	Colo., Utah, Ariz., N. Mex.
Nickel (content of ore and concentrate)	short tons	14,079	(S)	13,394	15,420	(S)	16,188	(S)	Oreg.
Silver (recoverable content of ores, etc.)	1,000 troy ounces	30,766	27,846	35,243	36,334	46,980	39,808	51,469	Idaho, Ariz., Utah, Mont.
Titanium concentrate:									
Ilmenite	short tons (gross weight)	789,237	14,655	890,071	1,003,997	19,178	948,832	18,058	N. Y., Fla., N. J., Va.
Rutile	short tons (gross weight)	9,226	957	11,311	10,547	1,016	10,037	759	
Tungsten ore and concentrate									
short tons (60-percent WO <sub>3</sub> basis)		7,325	9,815	5,657	9,244	11,251	7,949	13,028	Calif., Colo., Wash.
Uranium ore	short tons	7,970,211	152,138	5,645,921	5,674,631	111,707	4,362,614	83,915	N. Mex., Wyo., Colo., Utah.
Vanadium (recoverable in ore and concentrate)	short tons	4,971	17,749	3,862	4,362	13,061	5,226	18,284	Colo., Utah, Ariz., Idaho.
Zinc (recoverable content of ores, etc.)	short tons	435,427	112,365	529,254	574,858	156,308	611,153	178,284	Tenn., N. Y., Idaho, Colo.
Metals, undistributed <sup>10</sup>		(X)	23,078	(X)	(X)	40,357	(X)	42,641	(X)

D Withheld to avoid disclosing individual company data.

NA Not available. X Not applicable.

<sup>1</sup> Includes small quantity of anthracite mined in States other than Pennsylvania.

<sup>2</sup> 1960 and 1963, refined only; thereafter, crude and refined.

<sup>3</sup> Grindstones, pulpstones, millstones (weight not recorded), grinding pebbles, sharpening stones, and tube-mill liners.

<sup>4</sup> Included with "Nonmetallic minerals, undistributed."

<sup>5</sup> Weight not recorded.

<sup>6</sup> Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.

<sup>7</sup> Comprises value of items that cannot be disclosed: Brucite, calcium-magnesium

chloride, diatomite, epsom salts from epsomite (1963) graphite, iodine, kyanite, lithium minerals, magnesite, greensand marl, olivine, stauroilite, wollastonite, and values indicated by footnote reference 4.

<sup>8</sup> Included with "Metals undistributed."

<sup>9</sup> Includes 750 short tons of low-grade beryllium ore in 1963.

<sup>10</sup> Comprises value of items that cannot be disclosed: Chromite, cobalt, magnesium chloride for magnesium metal, manganiferous residuum, platinum-group metals (crude), rare earth metal concentrates, tin, zirconium concentrate, and values indicated by footnote reference 8.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



No. 1020. PRINCIPAL METALS AND MINERALS—U.S. PRODUCTION AS PERCENT OF WORLD PRODUCTION: 1965

[Preliminary]

MINERAL	WORLD PRODUCTION		MINERAL	WORLD PRODUCTION	
	Total	Percent U.S.		Total	Percent U.S.
<b>Fuels:</b>			<b>Metals, mine basis—Continued</b>		
Coal.....mil. short tons..	3, 089	17	Mercury.....1,000 76-lb. flasks..	275	7
Petroleum (crude).....mil. bbl..	11, 063	26	Molybdenum <sup>3</sup> .....1,000 lb..	115, 400	67
<b>Nonmetals:</b>			Nickel <sup>3</sup> .....mil. short tons..	472	3
Asbestos.....1,000 short tons..	3, 570	3	Silver.....1,000 troy oz..	251, 000	16
Cement <sup>1</sup> .....mil. bbl..	2, 545	15	Titanium concentrates: <sup>4</sup>		
Feldspar.....1,000 long tons..	1, 900	33	Ilmenite.....1,000 short tons..	2, 728	36
Fluorspar.....1,000 short tons..	3, 170	8	Rutile.....1,000 short tons..	243	(D)
Gypsum.....1,000 short tons..	51, 610	19	Tungsten concentrate (60 per-		
Mica (incl. scrap)			cent WO <sub>3</sub> ).....short tons..	59, 800	13
1,000 short tons..	218	55	Vanadium <sup>3</sup> .....short tons..	9, 150	57
Nitrogen, agricultural <sup>1 2</sup>			Zinc <sup>3</sup> .....1,000 short tons..	4, 750	13
1,000 short tons..	18, 200	27	<b>Metals, smelter basis:</b>		
Phosphate rock.....1,000 long tons..	64, 600	41	Aluminum.....1,000 short tons..	7, 415	37
Potash (K <sub>2</sub> O equivalent)			Copper.....1,000 short tons..	6, 020	24
1,000 short tons..	14, 800	21	Iron, pig (incl. ferroalloys)		
Salt <sup>1</sup> .....1,000 short tons..	118, 590	29	1,000 short tons..	370, 065	25
Sulfur, elemental			Lead.....1,000 short tons..	2, 905	14
1,000 long tons..	15, 120	48	Magnesium.....short tons..	174, 000	47
<b>Metals, mine basis:</b>			Steel ingots and castings		
Bauxite.....1,000 long tons..	36, 530	5	1,000 short tons..	507, 540	26
Copper <sup>3</sup> .....1,000 short tons..	5, 600	24	Tin.....long tons..	194, 100	2
Iron ore.....1,000 long tons..	605, 637	15	Uranium oxide (U <sub>3</sub> O <sub>8</sub> ) <sup>4</sup>		
Lead <sup>3</sup> .....1,000 short tons..	2, 975	10	short tons..	20, 800	50
			Zinc.....1,000 short tons..	4, 240	23

D Withheld to avoid disclosing individual company data. <sup>1</sup> United States production includes Puerto Rico.  
<sup>2</sup> For year ended June 30. <sup>3</sup> Content of ore and concentrate. <sup>4</sup> Excludes U.S.S.R.  
Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1021. SUMMARY OF VALUE OF RAW MATERIALS IN CONSTANT DOLLARS, BY MAJOR GROUPS: 1940 TO 1961

[In millions of 1954 dollars. Includes outlying areas except for agricultural materials, which also exclude Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series M 38-50, for minerals figures]

ITEM AND YEAR	All raw materials <sup>1</sup>	AGRICULTURAL MATERIALS			Fishery and wildlife products	Forest products	MINERALS			
		Total	Crops	Live-stock			Total <sup>1</sup>	Metallic ores <sup>1</sup>	Mineral fuels	Other minerals
<b>Production:</b>										
1940.....	31, 315	19, 459	8, 010	11, 449	391	2, 531	8, 934	1, 248	6, 789	897
1950.....	38, 779	23, 383	9, 381	14, 002	421	2, 714	12, 261	1, 387	9, 342	1, 532
1955.....	44, 753	26, 899	10, 965	15, 934	438	2, 793	14, 623	1, 578	10, 905	2, 140
1960.....	48, 184	29, 728	12, 733	16, 995	450	2, 692	15, 314	1, 455	11, 325	2, 534
1961.....	47, 690	29, 193	11, 739	17, 454	446	2, 659	15, 392	1, 339	11, 451	2, 602
<b>Imports:</b>										
1940.....	5, 934	4, 218	3, 651	567	247	175	1, 294	945	239	110
1950.....	8, 063	4, 871	4, 076	795	295	379	2, 518	1, 382	865	271
1955.....	8, 644	4, 726	4, 151	575	336	404	3, 178	1, 607	1, 303	268
1960.....	10, 036	5, 490	4, 698	792	423	429	3, 694	1, 498	1, 902	294
1961.....	10, 253	5, 678	4, 763	915	479	449	3, 647	1, 419	1, 947	281
<b>Exports:</b>										
1940.....	2, 321	1, 238	1, 084	154	71	90	922	430	452	40
1950.....	3, 523	2, 684	2, 274	410	42	83	714	202	438	74
1955.....	4, 208	2, 975	2, 296	679	62	100	1, 071	379	593	99
1960.....	6, 294	4, 949	4, 360	589	75	125	1, 145	610	398	137
1961.....	6, 394	5, 052	4, 412	640	76	121	1, 145	639	367	139
<b>Apparent consumption: <sup>2</sup></b>										
1940.....	34, 054	21, 565	9, 736	11, 829	567	2, 616	9, 306	1, 763	6, 576	967
1950.....	43, 515	25, 766	11, 213	14, 548	674	3, 010	14, 065	2, 567	9, 769	1, 729
1955.....	47, 994	27, 455	11, 299	16, 156	712	3, 097	16, 730	2, 806	11, 615	2, 309
1960.....	50, 891	29, 233	12, 029	17, 204	799	2, 996	17, 863	2, 343	12, 829	2, 691
1961.....	51, 586	29, 855	12, 305	17, 550	850	2, 987	17, 894	2, 119	13, 031	2, 744

<sup>1</sup> Excludes gold.  
<sup>2</sup> Represents "production" plus "imports" minus "exports," except for agricultural materials, for which "consumption" is adjusted for a major portion of stock changes.  
Source: Dept. of Commerce, Bureau of the Census; *Raw Materials in the United States Economy: 1900-1961*, Working Paper No. 6.

## No. 1022. AVERAGE PRICES OF SELECTED MINERAL PRODUCTS: 1936 TO 1966

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series M 91, M 134, M 199, and M 238, for bituminous coal, crude petroleum, iron ore, and lead, respectively]

YEARLY AVERAGE OR YEAR	Iron ore <sup>1</sup> (Lake Erie ports)	Copper, electro- lytic <sup>2</sup>	Lead (New York)	Tin (New York) <sup>3</sup>	Zinc (St. Louis)	Alumi- num, delivered <sup>4</sup>	Sulfur, crude (f.o.b. works)	Bitumi- nous coal <sup>5</sup>	Crude petro- leum <sup>6</sup>
	Dol. per long ton	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Dol. per long ton	Dol. per short ton	Dol. per barrel
1936-1940-----	4.76	10.980	5.138	48.39	5.495	20.12	17.10	1.88	1.09
1941-1945-----	4.47	11.779	6.355	52.01	8.095	15.37	16.00	2.64	1.19
1946-1950-----	6.29	19.451	13.897	85.32	11.765	16.09	17.48	4.46	2.20
1951-1955-----	9.36	28.877	15.330	106.00	13.610	20.96	23.88	4.75	2.66
1956-1960-----	11.33	32.078	13.388	99.26	11.919	25.00	24.50	4.84	2.93
1961-1965-----	10.71	31.620	12.247	136.08	12.646	24.04	23.90	4.47	2.88
1960-----	11.45	32.053	11.948	101.44	12.946	26.00	23.50	4.69	2.88
1964-----	10.55	31.960	13.596	157.60	13.568	23.74	23.50	4.45	2.88
1965-----	10.55	35.017	16.000	178.20	14.500	24.51	25.50	4.44	2.86
1966-----	10.55	36.170	15.115	164.07	14.500	24.50	25.71	4.55	2.88

<sup>1</sup> Lake Superior, Mesabi, non-Bessemer. <sup>2</sup> Domestic market. <sup>3</sup> Straits tin.

<sup>4</sup> Prices 1936-1955, for 99+ percent virgin ingot aluminum; beginning 1956, for 99+ percent unalloyed ingot.

<sup>5</sup> Average value at mine. Includes Alaska.

<sup>6</sup> Average value at well. Beginning 1958, includes Alaska, and 1959, Hawaii.

Source: Compiled from *Engineering Mining Journal*; *The Iron Age*; *Wholesale Prices and Price Indexes* (Bureau of Labor Statistics); and *Minerals Yearbook* and unpublished data (Bureau of Mines).

## No. 1023. IMPORTS AND EXPORTS OF SELECTED MINERAL AND METAL PRODUCTS: 1950 TO 1966

[Quantities in thousands of short tons, except as indicated; value in thousands of dollars. Includes trade or Puerto Rico with foreign countries]

MINERAL	QUANTITY				VALUE			
	1950	1960	1965	1966	1950	1960	1965	1966
IMPORTS FOR CONSUMPTION								
Fuels: Petroleum, crude mil. barrels..	174	401	502	496	369,208	895,055	1,119,838	1,115,259
Nonmetallic minerals:								
Asbestos.....	705	669	684	720	47,284	63,345	65,878	68,931
Diamonds:								
Gem.....1,000 carats..	1,166	2,167	3,160	3,484	102,187	165,555	307,285	373,776
Industrial.....1,000 carats..	11,198	13,146	12,241	16,942	37,001	51,837	53,957	65,080
Mica.....	19	11	7	7	23,660	8,305	8,807	10,718
Ores and concentrates:								
Bauxite.....1,000 long tons..	2,516	9,586	12,458	12,763	15,730	78,024	142,989	147,335
Chromite.....	1,304	1,387	1,618	1,997	23,299	24,313	25,239	30,379
Copper.....1,000 short tons of metal..	94	83	11	12	35,899	49,380	6,570	7,119
Iron ore.....1,000 long tons..	8,297	34,584	45,105	28,940	44,027	321,939	443,807	256,887
Lead.....1,000 short tons of metal..	96	138	129	64	21,184	27,911	26,923	13,699
Manganese ore.....	2,017	2,280	3,892	2,695	41,882	82,357	110,281	77,789
Nickel <sup>1</sup> .....1,000 short tons of metal..	27	30	31	23	18,087	29,937	41,226	34,336
Tin.....1,000 long tons of metal..	26	14	4	172	47,163	31,104	13,228	12,758
Tungsten.....short tons of metal..	8,024	1,762	1,802	2,149	15,309	3,478	3,886	6,859
Metals (incl. scrap): <sup>2</sup>								
Aluminum.....	245	160	555	556	62,517	77,406	226,812	228,259
Copper.....	366	177	137	195	145,344	113,224	93,715	176,979
Lead <sup>3</sup> .....	422	221	232	295	110,644	62,417	70,226	79,975
Nickel.....	64	80	136	130	54,124	116,679	208,353	183,149
Platinum group.....1,000 troy ounces..	391	650	1,220	1,494	21,123	31,900	72,806	88,270
Tin <sup>4</sup> .....1,000 long tons..	86	40	41	42	155,092	87,968	160,389	152,594
Zinc.....	158	122	159	287	39,448	29,829	43,609	76,730
EXPORTS <sup>5</sup>								
Fuels:								
Anthracite.....	3,892	1,440	851	766	62,502	28,803	11,488	9,755
Bituminous coal.....	25,468	36,541	50,270	49,422	206,545	331,616	466,463	460,081
Petroleum, crude.....1,000 barrels..	34,824	3,087	1,004	1,478	102,717	8,032	2,841	4,130
Nonmetallic minerals:								
Cement, hydraulic.....1,000 barrels..	2,418	187	748	1,069	7,275	1,135	4,288	4,836
Phosphate rock.....	2,052	4,761	862	1,142	14,874	37,585	10,595	15,314
Potash material.....	117	833	1,099	1,028	5,534	25,926	42,502	37,233
Sulfur <sup>6</sup> .....1,000 long tons..	1,479	1,787	2,635	2,374	33,200	42,294	65,548	82,163
Metals (incl. scrap): <sup>2</sup>								
Aluminum <sup>7</sup> .....short tons..	1,461	364,493	242,190	236,905	353	155,104	104,984	106,250
Copper <sup>7</sup> .....	154	615	424	336	61,281	356,628	312,051	316,820
Iron and steel, scrap <sup>8</sup> .....	217	8,040	6,170	5,751	6,014	241,572	197,459	171,907
Molybdenum <sup>7</sup> .....short tons..	73	148	55	29	115	368	414	251
Nickel <sup>7</sup> .....short tons..	3,176	42,633	6,723	5,876	3,219	10,289	4,168	6,229
Zinc <sup>7</sup> .....	19	90	19	14	4,708	20,815	7,900	6,543

<sup>1</sup> Includes matte and oxide. <sup>2</sup> Excludes semifabricated forms, except as noted.

<sup>3</sup> Includes alloys in chief value of lead. <sup>4</sup> Includes alloys in chief value of tin.

<sup>5</sup> Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery, mutual security, and civilian supply.

<sup>6</sup> Includes crude (containing 85 percent or more sulfur), crushed, ground, refined, sublimed, and flowers.

<sup>7</sup> Includes alloys. <sup>8</sup> Includes tin plated and terne plated scrap. <sup>9</sup> Includes some semifabricated forms.

Source: Dept. of Commerce, Bureau of the Census; unpublished data.



[For 1954 and 1958, details for individual industries exclude Alaska and Hawaii; totals, however, include them. "N.e.c." means not elsewhere classified. See also

		1954			1958			
MINERAL INDUSTRY		Estab- lish- ments	Pay- roll <sup>1</sup>	Value added in mining <sup>2</sup>	Estab- lish- ments	All employees		Value added in mining <sup>2</sup>
						Number <sup>3</sup>	Pay- roll <sup>1</sup>	
			Mil. dol.	Mil. dol.			Mil. dol.	Mil. dol.
1	All industries.....	37,641	3,395	11,559	36,384	733,904	3,749	13,384
2	Metal mining.....	3,668	469	1,084	2,351	91,582	486	1,180
3	Iron ores.....	225	157	436	243	30,113	169	488
4	Copper ores.....	210	136	335	157	27,642	144	266
5	Lead and zinc ores.....	520	71	107	290	11,227	54	74
6	Lead ores.....	343	39	63	213	6,883	34	48
7	Zinc ores.....	177	32	45	77	4,344	21	26
8	Gold and silver ores.....	695	25	42	477	4,415	23	42
9	Lode gold.....	313	12	22	251	2,586	12	23
10	Placer gold.....	281	7	10	165	840	5	9
11	Silver ores.....	101	6	10	61	989	6	10
12	Bauxite.....	25	4	13	29	705	4	15
13	Ferroalloy ores.....	1,086	39	107	297	5,438	27	74
14	Manganese ores.....	367	9	18	186	2,099	9	20
15	Tungsten ores and ferroalloy ores, n.e.c.....	719	29	89	111	3,339	18	54
16	Metal mining services.....	114	15	27	95	2,184	12	23
17	Miscellaneous metal ores.....	781	21	15	763	9,790	53	196
18	Titanium ores.....	10	4	11	11	962	4	13
19	Uranium-radium-vanadium ores.....	637	15	(NA)	603	7,939	44	175
20	Mercury ores and misc. metal ores.....	134	2	4	149	889	4	9
21	Anthracite mining.....	1,436	136	197	1,248	22,813	93	164
22	Anthracite.....	1,291	118	167	1,163	19,712	79	142
23	Anthracite mining services.....	145	18	30	85	3,101	14	22
24	Bituminous coal and lignite mining.....	6,865	877	1,424	6,940	187,963	915	1,616
25	Bituminous coal.....	6,653	866	1,397	6,725	185,933	905	1,591
26	Lignite.....	60	3	9	58	510	3	9
27	Coal mining services, n.e.c.....	152	6	13	157	1,520	7	15
28	Oil and gas extraction.....	17,591	1,463	7,674	18,522	312,916	1,701	9,032
29	Crude petroleum and natural gas.....	11,513	836	6,129	12,010	180,121	1,043	7,340
30	Crude petroleum.....	10,106	791	5,741	10,620	164,804	967	6,823
31	Natural gas.....	1,407	45	388	1,390	15,317	76	517
32	Natural gas liquids.....	562	85	(NA)	593	16,514	96	588
33	Oil and gas field services.....	5,515	542	1,119	5,919	116,281	561	1,108
34	Drilling oil and gas wells.....	2,869	304	624	3,066	59,411	289	587
35	Oil and gas exploration services.....	330	49	81	348	9,557	44	64
36	Oil and gas field services, n.e.c.....	2,316	188	413	2,505	47,278	228	456
37	Nonmetallic minerals mining.....	8,081	450	1,180	7,323	118,630	553	1,392
38	Dimension stone <sup>10</sup> .....	351	9	15	335	2,306	7	13
39	Crushed and broken stone <sup>11</sup> .....	1,919	145	338	1,970	41,730	190	449
40	Sand and gravel <sup>11</sup> .....	3,939	147	357	3,708	37,159	173	435
41	Clay and related minerals <sup>11</sup> .....	632	27	78	490	8,773	36	87
42	Chemical and fertilizer minerals.....	305	99	341	264	21,899	121	337
43	Barite.....	44	4	14	53	929	3	11
44	Fluorspar.....	104	5	10	55	1,235	6	13
45	Potash, soda, and borate minerals.....	20	33	82	21	6,661	41	111
46	Phosphate rock.....	75	22	62	65	5,393	27	64
47	Rock salt.....	15	9	30	22	1,984	11	34
48	Sulfur.....	20	21	124	24	3,677	25	94
49	Chemical and fertilizer mining, n.e.c.....	27	6	18	24	2,020	8	10
50	Nonmetallic minerals, services.....	62	2	5	75	1,109	4	6
51	Miscellaneous nonmetallic minerals <sup>11</sup> .....	872	20	48	481	5,654	24	63

NA Not available. Z Less than \$500,000.

<sup>1</sup> Gross earnings paid to all employees on payroll.

<sup>2</sup> Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures.

<sup>3</sup> Excludes proprietors and firm members of unincorporated concerns.

<sup>4</sup> Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers.

<sup>5</sup> Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent).

<sup>6</sup> Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis.



## SUMMARY: 1954, 1958, AND 1963

Excludes establishments for which both value of shipments and expenditures amounted to less than \$500.  
*Historical Statistics, Colonial Times to 1957, series M 1-12]*

1963									
Establishments	All employees		Production workers <sup>4</sup>			Value added in mining <sup>2</sup>	Value of shipments and receipts <sup>6</sup>	Capital expenditures	
	Number <sup>3</sup>	Payroll <sup>1</sup>	Number	Man-hours <sup>5</sup>	Wages				
<sup>8</sup> 38,651	615,572	Mil. dol. 3,742	481,466	1,000 972,983	Mil. dol. 2,680	Mil. dol. 15,910	Mil. dol. 21,621	Mil. dol. 3,264	1
1,614	77,210	515	62,182	125,663	384	1,418	2,128	231	2
208	23,083	162	18,102	34,524	113	549	762	97	3
160	26,486	187	21,372	45,319	142	417	670	87	4
205	9,422	49	7,822	14,781	38	84	136	12	5
125	4,320	22	3,401	5,948	15	34	51	6	6
80	5,102	27	4,421	8,833	23	50	85	6	7
466	4,216	25	3,585	7,605	20	49	60	7	8
201	2,397	14	2,091	4,544	11	21	27	3	9
158	361	2	325	731	2	6	8	1	10
107	1,458	9	1,169	2,330	7	22	26	3	11
17	552	3	414	751	2	17	21	(Z)	12
58	3,102	20	2,627	4,867	15	66	91	6	13
17	224	1	180	351	1	2	7	(Z)	14
41	2,878	19	2,447	4,516	14	64	83	5	15
83	2,206	14	1,891	4,018	11	25	32	3	16
417	8,730	61	6,369	13,798	42	210	355	19	17
8	997	6	846	1,721	5	15	22	2	18
335	6,665	45	5,114	11,251	34	191	326	16	19
74	481	3	409	826	2	4	7	1	20
1,069	11,786	59	10,324	19,544	50	121	237	15	21
1,026	10,692	53	9,331	17,758	45	111	221	13	22
43	1,094	6	993	1,786	5	10	16	2	23
6,305	133,862	762	118,629	217,642	651	1,607	2,396	218	24
6,115	132,046	752	116,975	214,421	642	1,578	2,358	211	25
59	512	3	441	884	2	12	14	5	26
131	1,304	7	1,213	2,337	6	17	24	3	27
<sup>8</sup> 21,242	271,476	1,744	191,976	397,348	1,093	11,020	14,512	2,552	28
<sup>8</sup> 14,378	145,244	1,016	83,444	166,305	495	9,016	9,894	2,210	29
<sup>8</sup> 12,326	125,842	892	71,707	142,847	427	7,813	8,600	1,907	30
<sup>8</sup> 2,052	19,402	124	11,737	23,458	68	1,203	1,294	303	31
652	13,859	97	11,939	24,455	81	762	2,801	114	32
6,212	112,373	632	96,593	206,588	517	1,241	1,818	228	33
2,836	55,416	318	50,333	106,266	281	653	979	148	34
373	8,683	48	7,232	16,246	37	90	120	12	35
3,003	48,274	266	39,028	84,076	199	498	719	68	36
8,421	121,238	661	98,355	212,786	502	1,745	2,347	248	37
319	2,156	8	1,970	3,820	7	15	20	1	38
2,256	43,236	229	36,186	80,834	178	582	795	83	39
4,616	40,142	212	33,042	70,620	170	514	678	76	40
423	8,316	42	7,147	15,061	34	114	162	15	41
235	21,040	137	14,595	31,213	86	433	577	60	42
54	1,434	7	911	1,887	4	11	17	1	43
30	804	4	682	1,346	3	9	16	(Z)	44
23	7,050	52	4,822	9,849	33	156	192	27	45
66	5,624	32	3,996	9,047	21	95	162	22	46
25	2,443	16	1,812	4,260	11	50	59	7	47
17	2,603	21	1,600	3,264	11	100	113	1	48
20	1,082	6	772	1,560	4	12	18	1	49
119	871	5	806	1,575	4	9	13	1	50
453	5,477	28	4,609	9,663	23	78	102	12	51

<sup>7</sup> Excludes figures for uranium-radium-vanadium ores industry (not available).

<sup>8</sup> Not strictly comparable with data for earlier years because of change in reporting procedures for crude petroleum and natural gas companies.

<sup>9</sup> Data were collected on the quantity but not on the cost of gas received for processing and on the value of residue gas shipped. Such costs have been estimated and included in group totals.

<sup>10</sup> Excludes data for dimension stone quarries operated in conjunction with dressing plants.

<sup>11</sup> Excludes data for mining included in establishments classified in manufacturing industries.

<sup>12</sup> Excludes 1 crushed stone quarry in Hawaii operated as part of an establishment primarily producing ready-mixed concrete.

Source: Dept. of Commerce, Bureau of the Census; *Census of Mineral Industries: 1958* and *Census of Mineral Industries: 1963*.

**NO. 1025. STRATEGIC AND CRITICAL MATERIALS INVENTORY: 1960, 1965, AND 1966**

[In millions of dollars. As of December 31. Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amount that would be realized at time of sale]

INVENTORY	1960		1965		1966	
	Acquisition cost	Market value	Acquisition cost	Market value	Acquisition cost	Market value
<b>Total</b> .....	<b>8,969</b>	<b>7,962</b>	<b>8,071</b>	<b>7,843</b>	<b>7,240</b>	<b>6,835</b>
On order.....	428	413	38	39	40	42
On hand.....	8,540	7,549	8,033	7,804	7,200	6,793
Within stockpile objectives.....	4,366	4,345	3,328	3,667	3,203	3,341
Excess to stockpile objectives.....	4,174	3,204	4,705	4,138	3,997	3,452
National stockpile.....	6,130	5,706	5,285	5,642	4,674	4,792
Supplemental stockpile.....	840	799	1,403	1,317	1,425	1,323
Defense Production Act.....	1,457	935	1,341	841	1,096	673
Commodity Credit Corporation.....	104	100	4	4	5	5
Federal Facilities Corporation.....	10	9	(X)	(X)	(X)	(X)

X Not applicable.

Source: General Services Administration; unpublished data.

**NO. 1026. EMPLOYMENT IN MINERAL INDUSTRIES: 1940 TO 1965**

[Man-days and man-hours in thousands. Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries]

ITEM	1940	1950	1960	1962	1963	1964	1965 <sup>1</sup>
<b>Men working daily <sup>2</sup></b> .....	(NA)	(NA)	<b>1,045,111</b>	<b>950,876</b>	<b>926,700</b>	<b>892,040</b>	<b>908,875</b>
Coal mines <sup>3</sup> .....	533,267	483,239	189,679	161,286	157,126	150,761	148,132
Coke.....	19,962	24,347	16,463	13,080	13,043	13,447	14,521
Petroleum and natural gas.....	(NA)	517,787	511,107	469,256	461,021	427,697	436,935
Metal mines <sup>3</sup> .....	110,340	68,292	60,595	52,287	47,844	49,765	50,300
Nonmetal mines <sup>4</sup> .....	9,780	11,977	18,653	16,917	15,570	17,087	17,200
Sand and gravel operations.....	(NA)	(NA)	52,352	53,599	52,804	55,886	54,700
Stone quarries <sup>5</sup> .....	79,509	85,730	95,304	92,241	91,960	88,137	90,200
Slag (iron-blast furnace).....	(NA)	(NA)	1,680	1,462	1,421	1,472	1,537
Metallurgical plants.....	49,068	46,277	58,689	54,807	51,088	54,671	61,500
Nonmetal mills.....	(NA)	(NA)	39,568	34,900	33,732	31,967	32,800
Other.....	(NA)	(NA)	1,021	1,041	1,091	1,150	1,050
<b>Man-days worked</b> .....	(NA)	(NA)	(NA)	<b>115,584</b>	<b>114,575</b>	<b>116,401</b>	<b>120,348</b>
Coal mines <sup>3</sup> .....	106,239	91,231	35,778	31,716	32,200	32,012	31,424
Coke.....	6,774	8,292	5,768	4,691	4,596	4,807	5,113
Metal mines <sup>3</sup> .....	26,631	18,522	14,910	12,924	12,096	12,996	13,564
Nonmetal mines <sup>4</sup> .....	2,416	3,512	4,515	3,979	3,990	4,420	4,591
Sand and gravel operations.....	(NA)	(NA)	(NA)	11,690	11,400	12,129	11,979
Stone quarries <sup>5</sup> .....	19,121	23,346	(NA)	23,393	23,553	22,944	23,526
Slag (iron-blast furnace).....	(NA)	(NA)	(NA)	362	358	389	425
Metallurgical plants.....	14,484	14,539	18,149	17,501	16,712	17,564	20,065
Nonmetal mills.....	(NA)	(NA)	10,679	9,112	9,452	8,914	9,459
Other.....	(NA)	(NA)	214	216	218	227	202
<b>Man-hours worked</b> .....	(NA)	(NA)	<b>2,082,521</b>	<b>1,917,475</b>	<b>1,898,476</b>	<b>1,848,564</b>	<b>1,899,087</b>
Coal mines <sup>3</sup> .....	840,416	711,390	281,528	248,946	253,185	252,405	248,085
Coke.....	53,624	65,861	46,066	37,502	36,759	38,418	40,869
Petroleum and natural gas.....	(NA)	1,081,519	1,063,332	984,172	974,877	910,525	931,645
Metal mines <sup>3</sup> .....	211,740	147,765	119,653	103,867	97,111	104,204	108,555
Nonmetal mines <sup>4</sup> .....	18,988	28,456	36,805	32,484	32,539	35,977	37,460
Sand and gravel operations.....	(NA)	(NA)	95,749	97,589	95,786	100,891	99,745
Stone quarries <sup>5</sup> .....	147,244	189,535	202,366	193,453	193,685	188,569	193,465
Slag (iron-blast furnace).....	(NA)	(NA)	3,613	2,927	2,867	3,107	3,415
Metallurgical plants.....	113,116	116,430	145,210	140,138	133,893	141,124	158,510
Nonmetal mills.....	(NA)	(NA)	86,386	74,621	75,944	71,461	75,680
Other.....	(NA)	(NA)	1,814	1,777	1,830	1,883	1,658

NA Not available.

<sup>1</sup> Preliminary except for anthracite coal, coke, petroleum and natural gas, peat, native asphalt, and slag.

<sup>2</sup> Average number of men at work each day mines were active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll. <sup>3</sup> Includes Alaska.

<sup>4</sup> Beginning 1960, includes clay mines. Includes Alaska; beginning 1960, includes Hawaii.

<sup>5</sup> Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.



**No. 1027. INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUP: 1950 TO 1965**  
 [Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries. See also *Historical Statistics, Colonial Times to 1957*, series M 259-274]

ITEM	NUMBER OF INJURIES				INJURY RATES PER MILLION MAN-HOURS			
	1950	1960	1964	1965 <sup>1</sup>	1950	1960	1964	1965 <sup>1</sup>
<b>Fatal injuries</b> .....	<b>952</b>	<b>603</b>	<b>542</b>	<b>537</b>	<b>0.41</b>	<b>0.29</b>	<b>0.29</b>	<b>0.28</b>
Coal mines <sup>2</sup> .....	643	325	242	258	0.90	1.15	0.96	1.04
Coke.....	14	3	1	7	0.21	0.07	0.03	0.17
Petroleum and natural gas <sup>3</sup> .....	109	82	109	78	0.10	0.08	0.12	0.08
Asphalt and related bitumens <sup>4</sup> .....	(NA)	1	2	1	(NA)	1.06	2.62	1.14
Metal mines <sup>2</sup> .....	84	84	55	58	0.57	0.70	0.53	0.53
Nonmetal mines <sup>5</sup> .....	19	19	18	21	0.67	0.52	0.50	0.56
Sand and gravel.....	(NA)	25	34	40	(NA)	0.26	0.34	0.40
Stone quarries <sup>6</sup> .....	54	39	61	49	0.28	0.19	0.32	0.25
Slag (iron-blast furnace).....	(NA)	-	1	1	(NA)	-	0.32	0.29
Metallurgical plants.....	29	12	13	14	0.25	0.08	0.09	0.09
Nonmetal mills.....	(NA)	13	6	10	(NA)	0.15	0.08	0.13
<b>Nonfatal injuries</b> .....	<b>66,729</b>	<b>36,044</b>	<b>32,407</b>	<b>32,982</b>	<b>28.51</b>	<b>17.31</b>	<b>17.53</b>	<b>17.37</b>
Coal mines <sup>2</sup> .....	37,264	11,902	11,070	11,102	52.38	42.28	43.86	44.75
Coke.....	780	223	204	228	11.84	4.84	5.31	5.58
Petroleum and natural gas <sup>3</sup> .....	13,500	9,110	8,551	8,963	12.48	8.57	9.39	9.62
Asphalt and related bitumens <sup>4</sup> .....	(NA)	38	30	26	(NA)	40.10	39.34	29.76
Metal mines <sup>2</sup> .....	6,611	3,794	3,266	3,320	44.74	31.71	31.34	30.58
Peat mines.....	(NA)	24	24	13	(NA)	27.72	21.39	16.57
Nonmetal mines <sup>5</sup> .....	1,238	1,056	906	1,030	43.51	28.69	25.18	27.50
Sand and gravel.....	(NA)	1,919	1,957	1,870	(NA)	20.04	19.40	18.75
Stone quarries <sup>6</sup> .....	4,762	4,668	3,371	3,465	25.12	23.07	17.88	17.91
Slag (iron-blast furnace).....	(NA)	34	53	50	(NA)	9.41	17.06	14.64
Metallurgical plants.....	2,574	1,482	1,395	1,470	22.11	10.21	9.88	9.27
Nonmetal mills.....	(NA)	1,794	1,580	1,445	(NA)	20.77	22.11	19.09

- Represents zero. NA Not available.

<sup>1</sup> Preliminary except for anthracite coal, coke, petroleum and natural gas, peat, native asphalt, and slag.

<sup>2</sup> Includes Alaska.

<sup>3</sup> Beginning 1960, number of fatalities and permanent total injuries at petroleum and natural gas operations are combined. Fatal-frequency rates for 1960 include an unknown number of permanent total injuries which cannot be separated from fatal injuries. <sup>4</sup> Native.

<sup>5</sup> Beginning 1960, includes clay mincs. Includes Alaska; beginning 1960, includes Hawaii.

<sup>6</sup> Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

## **No. 1028. COKE—SUMMARY, AND PRODUCTION OF OVEN COKE, BY STATES: 1940 TO 1966**

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See *Historical Statistics, Colonial Times to 1957*, series M 117, for production]

ITEM AND STATE	1940	1950	1950	1963	1964	1965	1966 (prel.)
Production.....	57,072	72,718	57,229	54,278	62,145	66,854	67,146
Oven coke <sup>1</sup> .....	54,014	66,891	56,219	53,308	60,908	65,198	65,699
Percent of total.....	94.6	92.0	98.2	98.2	98.0	97.5	97.8
Beehive coke.....	3,058	5,827	1,010	971	1,236	1,656	1,447
Value of products at plant.....mil. dol.	442	1,279	1,382	1,231	1,420	1,465	1,490
Coke and breeze.....mil. dol.	282	996	1,075	977	1,129	1,154	1,175
All coal-chemical materials.....mil. dol.	160	283	307	254	291	311	315
Average market value per ton <sup>2</sup> .....dollars	4.80	13.43	18.31	17.54	17.74	17.25	17.50
Coal charged.....mil. short tons	81.4	94.9	81.4	78.1	89.2	95.3	94.1
Average value per ton.....dollars	3.58	8.41	9.82	9.40	9.19	9.40	9.50
Yield of coke from coal.....percent	70.1	69.9	70.3	69.5	69.3	70.2	70.0
Ovens in existence, end of year.....number	27,884	32,690	22,903	19,493	19,710	17,790	17,790
Slot ovens under construction, end of year.....number	492	706	372	50	-	130	318
Exports.....	804	398	353	451	524	834	1,066
Imports.....	113	438	126	153	103	96	96
<b>Production of oven coke, by State:<sup>1</sup></b>							
Alabama.....	4,727	5,833	4,897	4,282	4,689	5,491	5,409
Indiana.....	6,413	8,256	8,024	7,541	8,170	8,315	8,416
Maryland.....	1,683	2,367	( <sup>3</sup> )	( <sup>3</sup> )	3,411	( <sup>3</sup> )	( <sup>3</sup> )
Michigan.....	2,872	2,731	3,279	3,460	3,908	3,979	3,751
New York.....	5,080	5,412	( <sup>3</sup> )	( <sup>3</sup> )	3,658	( <sup>3</sup> )	( <sup>3</sup> )
Ohio.....	7,898	10,314	8,423	6,340	7,244	7,669	8,508
Pennsylvania.....	14,862	16,333	14,146	15,245	17,594	18,912	18,671
West Virginia.....	1,900	3,389	2,758	3,008	3,390	3,521	3,562
Other States.....	8,579	12,256	14,692	13,431	8,845	17,311	17,381

- Represents zero. <sup>1</sup> Excludes screenings or breeze.

<sup>2</sup> For 1940 and 1950, data based on value at plant and not comparable with following years.

<sup>3</sup> Included in "Other States."

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.



## No. 1029. COAL—SUMMARY: 1940 TO 1965

[Quantities in thousands of short tons; values in millions of dollars, except as indicated. Includes coal consumed at mines. See also *Historical Statistics, Colonial Times to 1957*, series M 88-116 and M 118-132]

ITEM	1940	1950	1960	1962	1963	1964	1965
Total coal production:							
Quantity .....	512, 257	560, 388	434, 329	439, 043	477, 195	504, 182	526, 954
Value .....	1, 085	2, 893	2, 098	2, 026	2, 167	2, 315	2, 398
BITUMINOUS COAL <sup>1</sup>							
Production:							
Quantity .....	460, 772	516, 311	415, 512	422, 149	458, 928	486, 998	512, 088
Value, total .....	879	2, 500	1, 950	1, 892	2, 013	2, 166	2, 276
Average per ton .....	1. 91	4. 84	4. 69	4. 48	4. 39	4. 45	4. 44
Exports:							
Quantity .....	16, 466	25, 468	36, 541	38, 413	47, 078	47, 969	50, 181
Value .....	61	207	332	351	430	441	465
Imports:							
Quantity .....	372	347	260	232	267	<sup>2</sup> 293	<sup>2</sup> 184
Value .....	2	2	2	2	2	<sup>2</sup> 2	<sup>2</sup> 2
Consumption .....	<sup>3</sup> 430, 910	<sup>3</sup> 454, 202	<sup>3</sup> 380, 429	387, 774	409, 225	431, 116	<sup>3</sup> 459, 164
Electric power utilities <sup>4</sup> .....	49, 126	88, 262	173, 882	190, 833	209, 038	223, 032	242, 729
Bunker, foreign and lake vessels <sup>5</sup> .....	2, 989	2, 042	945	687	670	711	655
Manufacturing and mining industries .....	208, 978	218, 507	173, 096	168, 066	175, 969	187, 758	196, 732
Retail-dealer deliveries <sup>6</sup> .....	84, 687	84, 422	30, 405	28, 188	23, 548	19, 615	19, 048
Number of mines .....	6, 324	9, 429	7, 865	7, 740	7, 940	7, 630	7, 228
Average number of men employed <sup>7</sup> .....	439, 075	415, 582	169, 400	143, 822	141, 646	128, 698	133, 732
Average number of days worked .....	202	183	191	199	205	225	219
Average tons per man:							
Per day .....	5. 19	6. 77	12. 83	14. 72	15. 83	16. 84	17. 52
Per year .....	1, 049	1, 239	2, 453	2, 935	3, 240	3, 784	3, 829
ANTHRACITE (PA.) <sup>8</sup>							
Production:							
Quantity .....	51, 485	44, 077	18, 817	16, 894	18, 267	17, 184	14, 866
Value, total .....	205	392	147	134	154	149	122
Average per ton .....	3. 99	8. 90	7. 82	7. 94	8. 40	8. 65	8. 21
World production, bituminous coal, lignite, and anthracite .....							
mil. short tons	1, 983	1, 997	2, 899	2, 810	2, 928	3, 039	<sup>9</sup> 3, 089

<sup>1</sup> Relates to mines having an output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. <sup>2</sup> Includes anthracite.

<sup>3</sup> Includes coal consumed by railroads (85,130,000 short tons in 1940, 60,969,000 in 1950, and 2,101,000 in 1960) excluded in distribution. For 1965, excludes anthracite; includes slack, culm, and lignite.

<sup>4</sup> Source: Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke. <sup>5</sup> Source: Bureau of the Census.

<sup>6</sup> Estimates based on reports collected from a selected list of representative steel and rolling mills, manufacturing plants and retailers. <sup>7</sup> Beginning 1950, average number of men working daily.

<sup>8</sup> Beginning 1950, production includes some bootleg coal purchased by anthracite industry for preparation and shipment to market. <sup>9</sup> Preliminary.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*. Includes data from sources cited in footnotes.

## No. 1030. COAL—PRODUCTION, BY STATES: 1941 TO 1965

[In thousands of short tons. Includes coal consumed at mines]

STATE	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1960	1963	1964	1965
Total .....	636, 037	595, 972	496, 725	469, 288	434, 329	477, 195	504, 182	526, 954
Anthracite (Pa.) .....	59, 195	52, 323	33, 898	22, 975	18, 817	18, 267	17, 184	14, 866
Bituminous and lignite .....	576, 842	543, 649	462, 827	446, 313	415, 512	458, 928	486, 998	512, 088
Alabama .....	17, 783	16, 278	12, 176	12, 413	13, 011	12, 359	14, 435	14, 832
Colorado .....	7, 830	5, 360	3, 554	3, 394	3, 607	3, 690	4, 355	4, 790
Illinois .....	68, 442	60, 034	46, 781	46, 090	45, 977	51, 736	55, 023	58, 483
Indiana .....	25, 216	21, 500	16, 232	15, 659	15, 538	15, 100	15, 075	15, 565
Kentucky .....	64, 020	74, 791	66, 426	69, 038	66, 847	77, 350	82, 747	85, 766
Missouri .....	3, 947	3, 720	2, 873	2, 898	2, 890	3, 174	3, 254	3, 564
Ohio .....	32, 190	35, 458	35, 847	35, 379	33, 957	36, 790	37, 310	39, 390
Pennsylvania .....	138, 876	120, 441	89, 680	74, 839	65, 425	71, 501	76, 531	80, 308
Tennessee .....	7, 184	5, 520	5, 923	7, 086	5, 931	6, 121	5, 990	5, 865
Utah .....	6, 012	6, 613	6, 025	5, 642	4, 955	4, 360	4, 720	4, 992
Virginia .....	19, 121	17, 190	20, 399	28, 400	27, 838	30, 531	31, 654	34, 053
West Virginia .....	154, 335	151, 153	138, 858	134, 167	118, 944	132, 568	141, 409	149, 191
Wyoming .....	8, 664	6, 889	4, 704	2, 060	2, 024	3, 124	3, 101	3, 260
Other States .....	23, 222	18, 702	13, 349	9, 247	8, 568	10, 524	11, 394	12, 029

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1031. PRODUCING OIL WELLS, 1964 AND 1965, AND OIL AND GAS WELLS  
DRILLED, 1965 AND 1966, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED <sup>1</sup>					
	Approximate number, Dec. 31		Average pro- duction, bbl. per well per day		Oil		Gas <sup>2</sup>		Dry	
	1964	1965	1964	1965	1965	1966	1965	1966	1965	1966
<b>Total</b> .....	<b>588,225</b>	<b>589,203</b>	<b>12.9</b>	<b>13.3</b>	<b>18,761</b>	<b>16,780</b>	<b>4,724</b>	<b>4,377</b>	<b>16,016</b>	<b>15,227</b>
Ala.....	519	518	45.5	42.6	13	6	—	—	23	21
Alaska.....	56	57	549.4	539.6	11	15	13	5	4	30
Ark.....	6,018	6,014	12.1	11.8	100	177	44	56	190	272
Calif.....	40,916	41,031	20.2	21.2	1,622	1,832	62	63	484	413
Colo.....	1,981	1,938	47.3	46.9	113	122	53	53	410	363
Ill.....	29,500	29,017	6.4	6.0	602	730	8	3	608	658
Ind.....	5,381	5,275	5.4	5.9	140	140	10	12	312	382
Kans.....	46,715	47,354	6.2	6.1	1,466	1,079	206	130	1,422	1,427
Ky.....	15,226	15,600	3.6	3.4	379	674	177	168	559	1,273
La.....	29,452	30,179	52.6	54.7	2,413	1,652	542	500	2,144	1,791
Mich.....	4,151	4,036	10.2	9.9	44	64	36	44	288	294
Miss.....	2,580	2,513	59.0	60.4	201	250	15	41	523	544
Mont.....	3,329	3,799	24.0	25.2	194	214	10	11	293	327
Nebr.....	1,711	1,611	30.4	28.4	93	62	1	1	327	226
N. Mex.....	17,570	18,000	18.1	18.4	495	566	303	342	314	329
N.Y.....	12,526	12,304	0.4	0.4	375	6	18	19	39	41
N. Dak.....	1,881	1,983	38.0	37.4	91	78	—	—	148	107
Ohio.....	13,752	13,947	3.1	2.6	715	674	263	236	911	402
Okla.....	80,511	80,947	6.8	6.9	2,183	1,843	549	561	1,277	1,329
Pa.....	53,065	52,731	0.3	0.3	572	279	286	306	128	104
Texas.....	199,119	197,924	13.6	13.8	6,183	5,521	1,343	1,170	4,814	4,057
Utah.....	840	841	93.2	82.5	71	69	27	7	71	66
W. Va.....	13,205	13,225	0.7	0.7	257	370	695	594	115	130
Wyo.....	8,019	8,093	49.1	47.0	398	347	58	51	492	517
Other States.....	202	266	17.3	24.3	30	10	5	4	120	124

— Represents zero.

<sup>1</sup> Figures from *The Oil and Gas Journal*. <sup>2</sup> Includes condensate wells.

No. 1032. PETROLEUM, CRUDE—PRODUCTION, 1946 TO 1966, AND RESERVES, 1955,  
1960, AND 1966, BY STATES

[In millions of barrels of 42 gallons. See also *Historical Statistics, Colonial Times to 1957*, series M 133 and M 137]

STATE	PRODUCTION						PROVED RESERVES <sup>1</sup>		
	1946- 1950, avg.	1951- 1955, avg.	1956- 1960, avg.	1961- 1965, avg.	1960	1966 (prel.)	1955	1960	1966
<b>Total</b> .....	<b>1,885</b>	<b>2,339</b>	<b>2,567</b>	<b>2,737</b>	<b>2,575</b>	<b>3,039</b>	<b>30,012</b>	<b>31,613</b>	<b>31,452</b>
Alaska.....	—	—	—	10	1	14	—	( <sup>2</sup> )	322
Arkansas.....	30	29	29	27	30	24	330	302	181
California.....	330	358	324	303	305	344	3,801	3,659	4,608
Colorado.....	18	39	51	39	47	34	334	364	344
Illinois.....	67	66	79	73	77	62	691	556	362
Indiana.....	8	12	12	12	12	11	61	66	48
Kansas.....	105	117	120	109	113	104	998	884	727
Kentucky.....	10	13	20	19	21	18	107	129	101
Louisiana.....	177	250	341	512	401	674	3,255	4,785	5,408
Michigan.....	17	13	11	17	16	14	59	78	71
Mississippi.....	36	36	44	56	52	55	388	407	374
Montana.....	9	12	27	31	30	35	299	267	282
Nebraska.....	—	6	21	22	24	14	58	86	57
New Mexico.....	44	68	99	113	107	124	820	1,084	1,025
North Dakota.....	—	5	16	25	22	27	186	431	321
Ohio.....	3	4	6	9	5	11	56	75	101
Oklahoma.....	149	194	204	201	193	225	2,016	1,791	1,518
Texas.....	812	1,016	1,004	970	927	1,073	14,934	14,758	14,077
Utah.....	( <sup>2</sup> )	2	22	30	38	24	37	208	213
Wyoming.....	50	83	118	140	134	131	1,374	1,427	1,073
Other States <sup>3</sup> .....	22	19	17	16	18	21	208	256	239

— Represents zero.

<sup>1</sup> End of year estimate. From Reports of Committee on Petroleum Reserves, American Petroleum Institute. Figures for California, Louisiana, and Texas include offshore reserves.

<sup>2</sup> Included in "Other States."

<sup>3</sup> Prior to 1960, excludes Hawaii

Source of tables 1031 and 1032: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



### No. 1033. CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL-GAS LIQUIDS— PRODUCTION AND STOCKS: 1940 TO 1965

[In millions of barrels of 42 gallons, except as indicated. Prior to 1960 and as noted excludes Alaska and Hawaii.  
See also *Historical Statistics, Colonial Times to 1957*, series M 133-136 and M 168-177]

ITEM	1940	1950	1955	1960	1963	1964	1965
<b>Crude petroleum:</b>							
Domestic production.....	1,353	1,974	2,484	2,575	2,753	2,787	2,849
Value at wells.....mil. dol.	1,385	4,963	6,870	7,420	7,966	8,017	8,158
World production.....	2,144	3,803	5,626	7,689	9,537	10,309	11,063
U.S. proportion of world total.....percent	63	52	44	33	29	27	26
Imports <sup>1</sup> .....	43	178	285	372	413	439	452
Exports <sup>1</sup> .....	51	35	12	3	2	1	1
Stocks, end of period, gasoline-bearing crude.....	2 277	248	266	240	237	230	220
Runs to stills.....	1,294	2,095	2,730	2,953	3,171	3,223	3,301
Average price per barrel at wells.....dol.	1.02	2.51	2.77	2.88	2.89	2.88	2.86
<b>Refined products:</b>							
Imports <sup>1</sup> .....	41	133	170	293	362	388	449
Exports <sup>1</sup> .....	79	76	123	71	74	73	67
Stocks, end of period <sup>3</sup> .....	281	327	436	516	564	573	580
Output of motor fuel.....	617	1,024	1,374	1,522	1,625	1,661	1,704
Yield of gasoline.....percent	43.1	43.0	44.0	45.1	44.1	44.1	44.0
Completed refineries, end of year.....	556	357	318	311	304	300	286
Daily crude-oil capacity.....	4.7	7.0	8.6	10.0	10.4	10.8	10.5
Average dealer's net price (excl. tax) of gasoline in 50 U.S. cities <sup>4</sup> .....cents per gal.	9.08	15.10	16.18	16.08	15.22	14.82	15.38
<b>Natural-gas liquids:</b>							
Production.....	56	182	281	340	401	422	442
Stocks, end of period.....	6	7	14	29	34	36	36

<sup>1</sup> Excludes trade between Alaska (prior to 1960), Hawaii, Puerto Rico, and foreign countries. Exports include shipments from conterminous U.S. to Alaska, Hawaii, and outlying areas. <sup>2</sup> Includes California heavy crude.

<sup>3</sup> Beginning 1955, new basis; not comparable with earlier years.

<sup>4</sup> Beginning 1955, figures from Platt's Oilgram Price Service; prior years from American Petroleum Institute.

### No. 1034. PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY CLASS: 1950 TO 1966

[In millions of barrels of 42 gallons. Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 152-167]

PRODUCT	1950	1955	1960	1962	1964	1965	1966 (prel.)
<b>Input.....</b>	<b>2,190</b>	<b>2,857</b>	<b>3,119</b>	<b>3,252</b>	<b>3,436</b>	<b>3,527</b>	<b>3,682</b>
Crude petroleum.....	2,095	2,730	<sup>1</sup> 2,953	3,070	3,223	3,301	3,447
Domestic.....	1,919	2,447	<sup>1</sup> 2,582	2,660	2,786	2,848	3,001
Foreign.....	176	283	371	410	437	453	446
Natural-gas liquids.....	95	126	167	183	213	226	235
<b>Output.....</b>	<b>2,190</b>	<b>2,857</b>	<b>3,119</b>	<b>3,252</b>	<b>3,436</b>	<b>3,527</b>	<b>3,682</b>
Gasoline (includes crude).....	998	1,332	1,510	1,571	1,675	1,694	1,784
Kerosene.....	119	117	136	156	168	93	101
Distillate fuel oil.....	399	603	667	720	742	765	785
Residual fuel oil.....	425	420	332	296	267	269	264
Jet fuel.....	-	57	88	102	108	191	215
Lubricants.....	52	56	59	61	64	63	65
Wax (1 bbl.=280 lb.).....	4	5	6	5	5	5	6
Coke (5 bbl.=1 sh. ton).....	17	28	60	79	84	86	88
Asphalt (5.5 bbl.=1 sh. ton).....	58	83	99	110	115	124	130
Still gas (1 bbl.=3,600 cu. ft.).....	84	117	129	131	131	135	135
Liquefied gases.....	29	44	78	77	59	107	106
Petrochemical feedstocks.....	(NA)	(NA)	(NA)	(NA)	105	57	74
Other finished products.....	12	19	30	37	19	50	53
Other unfinished oils (net) <sup>2 3</sup> .....	7	11	22	28	27	32	35
Shortage <sup>2</sup> .....	1	12	63	64	79	80	89

- Represents zero. NA Not available. <sup>1</sup> Includes part-year operations of 1 refinery in Hawaii.

<sup>2</sup> Negative quantities. <sup>3</sup> Represents net excess of unfinished oils rerun over unfinished oils produced.

### No. 1035. NATURAL-GAS LIQUIDS—PRODUCTION AND VALUE: 1940 TO 1965

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 148-151]

ITEM	1940	1950	1955	1960	1964	1965
<b>Total produced.....mil. gal.</b>	<b>(NA)</b>	<b>7,642</b>	<b>11,818</b>	<b>14,287</b>	<b>17,744</b>	<b>18,545</b>
Natural gasoline and mixtures <sup>1</sup> .....mil. gal.	2,174	3,229	4,457	4,479	5,287	5,457
Liquefied petroleum gases.....mil. gal.	(NA)	3,036	5,973	8,444	10,744	11,257
Cycle products.....mil. gal.	166	1,378	1,388	1,363	1,713	1,831
<b>Value at plants:</b>						
Natural gasoline <sup>1</sup> .....\$1,000.	<sup>2</sup> 68,261	213,810	313,075	313,058	341,714	360,603
Liquefied petroleum gases.....\$1,000.	(NA)	97,773	195,231	391,566	362,792	417,249
Cycle products.....\$1,000.	(2)	108,022	110,700	103,761	121,886	133,751
Average value, all light prod.....cts. per gal.	<sup>3</sup> 2.9	5.5	5.2	5.7	4.7	4.9
Natural gas processed.....bil. cu. ft.	2,471	5,342	8,186	9,768	13,176	13,772
Average yield, all light products gal. per 1,000 cu. ft.	(NA)	1.43	1.44	1.46	1.35	1.35

NA Not available. <sup>1</sup> Beginning 1955, includes isopentane; included in LP-gases for prior years.

<sup>2</sup> Cycle products included with natural gasoline. <sup>3</sup> Excludes LP-gases.

Source of tables 1033-1035: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



# **NO. 1036. NATURAL GAS—PRODUCTION, CONSUMPTION, VALUE AND RESERVES:** 1940 TO 1965

[Excludes Hawaii and, prior to 1960, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 138-147]

ITEM	1940	1950	1955	1960	1964	1965
Total marketed production <sup>1</sup> .....bil. cu. ft.	2,660	6,282	9,405	12,771	15,462	16,040
Value (at wells) of gas produced.....mil. dol.	120	409	978	1,790	2,388	2,495
Average per 1,000 cu. ft.....cents	4.5	6.5	10.4	14.0	15.4	15.6
Number of producing gas wells, Dec. 31.....	53,880	64,900	71,475	90,761	103,084	111,680
<b>Total consumption</b> .....bil. cu. ft.	2,655	6,026	9,070	12,509	15,452	16,033
Residential.....bil. cu. ft.	444	1,198	2,124	3,103	3,767	3,903
Commercial.....bil. cu. ft.	135	388	629	1,020	1,367	1,443
Industrial.....bil. cu. ft.	2,076	4,440	6,317	8,386	10,318	10,687
<b>Value (at point of consumption) of gas consumed</b> .....mil. dol.	577	1,604	3,626	6,270	8,020	8,368
Residential.....mil. dol.	316	826	1,885	3,209	3,990	4,091
Commercial.....mil. dol.	64	184	395	791	1,059	1,116
Industrial.....mil. dol.	197	593	1,346	2,270	2,971	3,161
Average per 1,000 cu. ft.....cents	21.7	26.6	40.0	50.1	51.9	52.2
Residential.....cents	71.1	69.0	88.7	103.4	105.9	104.8
Commercial.....cents	47.8	47.6	62.7	77.5	77.5	77.3
Industrial.....cents	9.5	13.4	19.6	27.1	28.8	29.6
<b>Number of consumers:</b>						
Residential.....1,000	9,245	16,906	26,084	31,148	34,575	35,302
Commercial.....1,000	741	1,347	2,140	2,584	2,884	2,991
Proved reserves <sup>2</sup> , Dec. 31.....bil. cu. ft.	(NA)	184,585	223,697	263,759	281,251	286,469

NA : Not available.

<sup>1</sup> Beginning 1950, comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines. <sup>2</sup> Estimated. Source: American Gas Association.

# **NO. 1037. NATURAL GAS—PRODUCTION, 1940 TO 1965, AND RESERVES, 1955, 1960, AND 1965, BY STATES**

[In billions of cubic feet]

STATE	MARKETED PRODUCTION <sup>1</sup>					RESERVES <sup>2</sup>		
	1940	1950	1955	1960	1965	1955	1960	1965
<b>Total</b> .....	2,660	6,282	9,405	12,771	16,040	223,697	263,759	286,469
Arkansas.....	14	48	32	55	83	1,164	1,460	2,269
California.....	352	558	538	518	660	8,893	8,844	8,832
Colorado.....	3	11	49	107	126	2,254	2,043	1,718
Illinois.....	8	13	8	12	7	234	173	210
Kansas.....	90	364	471	634	793	16,293	19,620	16,596
Kentucky.....	53	73	73	75	79	1,262	1,144	1,092
Louisiana.....	343	832	1,680	2,988	4,467	42,436	63,386	82,811
Michigan.....	13	11	8	21	35	326	586	746
Mississippi.....	6	114	163	172	167	2,608	2,542	1,973
Montana.....	26	39	28	33	28	720	626	596
Nebraska.....	( <sup>3</sup> )	(Z)	13	15	11	203	118	80
New Mexico.....	64	213	541	799	937	18,585	15,604	15,375
North Dakota.....	( <sup>3</sup> )	1	5	19	36	281	1,151	1,121
Ohio.....	41	43	34	36	36	810	766	755
Oklahoma.....	258	482	615	824	1,321	13,205	17,311	20,357
Pennsylvania.....	91	91	99	114	84	754	1,192	1,257
Texas.....	1,064	3,126	4,731	5,893	6,637	108,288	119,489	120,617
Utah.....	( <sup>3</sup> )	4	17	51	72	421	1,526	1,439
West Virginia.....	189	190	212	209	207	1,565	1,831	2,494
Wyoming.....	27	62	78	182	236	3,196	3,935	3,703
Other States <sup>4</sup> .....	19	5	9	12	18	201	411	2,428

Z Less than 500 million cubic feet.

<sup>1</sup> For 1940, amount used by ultimate consumer only; thereafter comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines. Beginning 1965, data on pressure base of 14.73 pounds per square inch absolute; prior years; 14.65.

<sup>2</sup> Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.

<sup>3</sup> Included with "Other States." <sup>4</sup> Prior to 1960, excludes Alaska.

Source of tables 1036 and 1037: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, except as noted.

# No. 1038. FUEL OILS AND NATURAL GAS—CONSUMPTION, BY MAJOR CONSUMER GROUPS: 1950 TO 1965

[Fuel oils in thousands of barrels of 42 gallons; natural gas in billions of cubic feet. Prior to 1960, excludes Alaska and Hawaii]

TYPE OF FUEL	Total	Rail-roads	Vessels	Gas and electric power plants	Smelters, mines, and manufactures	Space heating and cooking	Military	Oil and gas company fuel	Miscellaneous
<b>Distillate fuel oil:</b>									
1950.....	395,306	48,703	12,872	13,207	37,121	235,740	6,553	5,692	35,418
1955.....	581,127	84,668	16,675	5,884	43,606	356,589	10,945	8,597	54,163
1960.....	683,325	86,490	18,730	4,742	34,271	438,010	10,793	8,347	81,942
1964.....	747,551	88,198	16,001	3,849	36,007	451,860	13,609	10,576	127,451
1965.....	786,891	86,436	15,532	3,661	42,484	475,992	14,953	10,430	137,403
<b>Residual fuel oil:</b>									
1950.....	554,208	60,878	92,947	93,062	148,111	72,716	28,333	53,263	4,898
1955.....	556,983	15,018	115,128	75,966	173,030	86,282	28,368	53,387	9,804
1960.....	550,536	5,610	94,084	85,408	157,270	125,088	31,724	45,061	6,291
1964.....	556,632	5,350	83,024	97,595	157,176	126,215	35,568	43,098	8,606
1965.....	574,118	4,001	73,639	114,884	140,602	156,254	40,380	34,354	10,004
<b>Natural gas:</b>									
1950.....	6,026	(X)	(X)	<sup>1</sup> 629	<sup>2</sup> 2,672	1,586	—	1,768	—
1955.....	9,070	(X)	(X)	<sup>1</sup> 1,153	<sup>2</sup> 3,939	2,753	—	2,378	—
1960.....	12,509	(X)	(X)	<sup>1</sup> 1,724	<sup>2</sup> 5,484	4,123	—	2,902	—
1964.....	15,452	(X)	(X)	2,322	4,660	5,134	—	3,336	—
1965.....	16,033	(X)	(X)	2,318	5,099	5,346	—	3,270	—

— Represents zero. X Not applicable.

<sup>1</sup> Source: Federal Power Commission. Includes gas other than natural gas; therefore excluded from total.

<sup>2</sup> Includes natural-gas component of gas used in gas and electric power plants.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 1039. PETROLEUM ASPHALT AND ROAD OIL—SUPPLY, DISTRIBUTION, STOCKS, AND SHIPMENTS: 1945 TO 1966

[In thousands of short tons. Excludes Hawaii and, prior to 1960, Alaska, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years]

ITEM	1945	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>SUPPLY AND DISTRIBUTION</b>								
<b>Petroleum asphalt:</b>								
Production.....	7,127	10,589	15,113	17,940	20,354	20,887	22,473	23,560
Imports (including natural).....	147	324	605	1,117	1,120	1,075	1,145	1,110
Exports.....	212	144	285	168	130	139	71	87
Stocks, end of year.....	693	962	1,413	2,362	2,610	2,588	2,941	3,147
Apparent domestic consumption <sup>1</sup> .....	6,973	10,669	15,325	18,518	21,325	21,845	23,194	24,377
<b>Road oil:</b>								
Production.....	471	1,260	1,542	1,085	1,235	1,158	1,194	1,318
Stocks, end of year.....	67	72	102	135	137	105	106	167
Apparent domestic consumption <sup>2</sup> .....	438	1,255	1,519	1,069	1,257	1,190	1,193	1,257
<b>SHIPMENTS</b>								
<b>Paving products:</b>								
Asphalt cements.....	(NA)	(NA)	5,867	8,736	10,488	10,867	12,028	(NA)
Cutback asphalts.....	(NA)	(NA)	4,039	4,502	4,625	4,188	4,391	(NA)
Emulsified asphalts.....	(NA)	(NA)	861	1,435	1,835	1,716	1,888	(NA)
Road oil.....	(NA)	(NA)	1,460	1,177	1,099	1,139	1,188	(NA)
<b>Roofing products:</b>								
Asphalt cements and fluxes.....	(NA)	(NA)	3,490	3,516	3,818	4,379	4,034	(NA)
Emulsified asphalts.....	(NA)	(NA)	12	9	3	14	11	(NA)
<b>Miscellaneous products:</b>								
Asphalt cements and fluxes.....	(NA)	(NA)	1,366	1,800	1,797	1,965	2,682	(NA)
Emulsified asphalts.....	(NA)	(NA)	45	55	82	79	150	(NA)

NA Not available. <sup>1</sup> Production, plus imports, less exports, and plus or minus change in stocks.

<sup>2</sup> Production, plus or minus change in stocks.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 1040. CEMENT—SUMMARY: 1940 to 1965

<sup>1</sup>In thousands of barrels of 376 pounds, except as indicated. Includes Puerto Rico. Excludes Alaska and, prior to 1960, Hawaii, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 178-179]

ITEM	1940	1950	1955	1960	1963	1964	1965
<b>Production of finished cement</b> .....	132,751	230,272	314,913	334,130	368,406	385,386	388,594
Portland.....	130,216	226,026	297,453	319,009	352,543	368,633	371,422
Prepared masonry.....	(NA)	(NA)	16,519	14,553	15,506	16,478	16,893
Natural, slag, and hydraulic lime.....	<sup>1</sup> 2,535	<sup>1</sup> 4,246	941	568	357	275	279
<b>Active plants:</b>							
Portland.....number.....	152	150	157	176	181	181	181
Natural, slag, and hydraulic lime.....							
number.....	12	9	6	4	4	4	4
<b>Shipments</b> .....	132,864	231,975	310,245	327,087	365,241	383,266	391,686
Value.....\$1,000.....	193,465	545,951	896,888	1,103,680	1,178,980	1,233,349	1,244,869
Per barrel.....dollars.....	1.46	2.35	2.89	3.37	3.23	3.22	3.18
Portland.....	130,350	227,756	292,765	312,292	349,253	366,304	374,086
Prepared masonry.....	(NA)	(NA)	16,526	14,247	15,636	16,679	17,321
Natural, slag, and hydraulic lime.....	<sup>1</sup> 2,514	<sup>1</sup> 4,219	954	548	352	283	279
<b>Stocks at mills, Dec. 31 (finished portland cement)</b> .....	23,365	13,119	17,539	35,640	39,597	39,849	35,248
<b>Imports</b> .....	538	1,410	5,220	4,108	4,030	3,633	5,505
<b>Exports</b> .....	1,668	2,418	1,795	187	460	713	748
<b>World production (est.)</b> .....	474,927	781,500	1,274,501	1,856,059	2,216,180	2,434,019	2,544,723

NA Not available. <sup>1</sup> Includes masonry cement from natural, slag, and hydraulic lime plants.

## No. 1041. PORTLAND CEMENT—PRODUCTION, BY STATES: 1940 to 1966

[In thousands of barrels of 376 pounds]

STATE	1940	1950	1955	1960	1964	1965	1966 (prel.)
<b>Total</b> .....	130,217	226,026	297,453	319,009	368,633	371,422	380,665
Alabama.....	5,122	10,372	12,161	11,935	13,059	14,089	16,083
California.....	14,216	26,277	35,449	39,892	47,981	45,172	45,387
Illinois.....	4,975	7,924	8,810	9,270	9,978	9,235	9,203
Iowa.....	4,606	7,416	10,182	12,527	13,651	13,575	14,056
Kansas.....	3,433	8,616	9,219	7,996	8,335	8,877	8,979
Michigan.....	8,603	12,967	18,205	20,971	26,802	27,018	27,967
Missouri.....	4,968	9,778	12,001	12,606	12,399	13,975	13,740
New York and Maine.....	<sup>1</sup> 8,437	14,196	20,049	20,134	27,869	29,622	30,475
Ohio.....	6,664	10,607	13,966	16,850	15,606	14,599	15,235
Pennsylvania.....	26,853	38,646	46,863	37,170	37,963	39,340	40,052
Tennessee.....	3,808	6,685	8,110	7,926	8,471	8,829	8,177
Texas.....	7,375	17,150	24,241	23,190	29,792	30,771	31,251
Other States <sup>2</sup> .....	31,156	55,392	78,197	98,542	116,727	116,320	120,060

<sup>1</sup> Excludes Maine. <sup>2</sup> Includes Puerto Rico. Excludes Alaska and, prior to 1960, Hawaii.

## No. 1042. SAND AND GRAVEL—QUANTITY SOLD OR USED BY PRODUCERS, AND VALUE: 1940 to 1965

[Quantities in thousands of short tons; values in thousands of dollars, except as indicated. Prior to 1960, includes Puerto Rico. See *Historical Statistics, Colonial Times to 1957*, series M 183, for total]

ITEM	1940	1950	1955	1960	1964	1965
<b>Total</b> .....	238,308	370,455	592,153	709,792	868,208	908,054
<b>Use:</b>						
Construction.....	224,956	350,936	562,796	685,542	839,097	877,752
Building.....	68,036	132,873	213,712	230,994	264,319	273,591
Paving.....	143,158	204,242	327,976	388,950	464,390	466,081
Other.....	13,762	13,821	21,108	65,598	110,388	138,080
Industrial sand.....	10,645	17,238	18,594	18,330	23,283	25,391
Miscellaneous gravel.....	2,708	2,281	10,763	5,920	5,828	4,911
<b>Class of operation:</b>						
Commercial <sup>1</sup> .....	131,256	257,556	420,076	522,895	620,821	655,884
Sand <sup>1</sup> .....	63,930	124,982	196,528	234,139	283,283	297,413
Gravel.....	67,326	132,574	223,548	288,756	337,538	358,471
Government-and-contractor.....	107,052	112,899	172,077	186,897	247,387	252,170
Sand.....	14,744	13,918	24,591	31,517	43,358	55,324
Gravel.....	92,308	98,981	147,486	155,380	204,029	196,846
<b>Total value</b> <sup>1</sup> .....	110,688	295,040	536,236	720,432	893,375	957,422
Average per ton.....dollars.....	.46	.80	.91	1.01	1.03	1.05
Commercial sand <sup>1</sup> .....	40,526	120,350	209,166	271,265	325,912	348,878
Average per ton.....dollars.....	.63	.96	1.06	1.16	1.15	1.17
Commercial gravel.....	37,745	120,974	228,386	318,145	373,422	397,780
Average per ton.....dollars.....	.56	.91	1.02	1.10	1.11	1.11
Government-and-contractor sand.....	4,806	5,961	13,075	22,334	32,217	39,175
Average per ton.....dollars.....	.33	.43	.53	.71	.74	.71
Government-and-contractor gravel.....	27,612	47,755	85,610	108,688	161,824	171,589
Average per ton.....dollars.....	.30	.48	.58	.70	.78	.87

NA Not available. <sup>1</sup> Prior to 1955, excludes ground sand.

Source of tables 1040-1042: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



No. 1043. STONE—QUANTITY SOLD OR USED BY PRODUCERS, 1940 TO 1965, AND VALUE, 1950, 1960, AND 1965

[For 1940 and 1950, includes Puerto Rico; for 1955, excludes Alaska and Hawaii but includes Panama Canal Zone and islands administered by the U.S.]

KIND AND USE	QUANTITY SOLD OR USED <sup>1</sup> (1,000 short tons)					VALUE (\$1,000)		
	1940	1950	1955	1960	1965	1950	1960	1965
Total .....	154, 206	252, 425	471, 251	<sup>2</sup> 616, 784	<sup>2</sup> 780, 072	404, 106	<sup>2</sup> 952, 555	<sup>2</sup> 1,203, 618
KIND								
Granite.....	10, 880	21, 935	26, 079	42, 748	60, 028	50, 697	89, 654	121, 147
Basalt and related rocks.....	15, 716	22, 895	35, 851	57, 884	75, 529	34, 373	87, 699	121, 278
Sandstone <sup>3</sup> .....	6, 499	9, 101	13, 108	21, 013	29, 097	23, 787	48, 771	61, 710
Marble.....	240	267	1, 092	1, 644	2, 172	10, 932	31, 060	38, 662
Limestone <sup>4</sup> .....	112, 658	180, 919	361, 524	451, 253	554, 766	252, 756	623, 437	765, 714
Other stone.....	7, 740	16, 378	17, 706	21, 493	34, 366	16, 514	27, 642	45, 971
Shell.....	-	-	15, 131	18, 934	21, 560	-	33, 706	34, 314
Slate.....	473	930	760	532	1, 263	15, 047	9, 233	13, 697
USE								
Dimension stone.....	2, 261	2, 021	2, 674	2, 257	2, 403	65, 272	86, 009	92, 235
Building stone.....	1, 897	1, 565	2, 129	1, 694	1, 750	43, 509	59, 360	60, 905
Rough.....	555	554	811	578	710	6, 815	8, 965	10, 277
Dressed.....	281	675	876	738	633	29, 850	43, 988	43, 026
Rubble.....	916	247	375	330	355	615	1, 743	1, 859
Roofing and millstock slate.....	145	89	67	48	52	6, 229	4, 664	5, 743
Monumental.....	196	237	235	221	266	17, 062	19, 254	20, 902
Paving blocks.....	19	4	6	31	5	51	131	109
Curbing.....	71	78	121	157	157	2, 430	3, 929	4, 708
Flagging.....	78	137	183	154	225	2, 220	3, 335	5, 611
Crushed and broken stone.....	151, 945	250, 404	468, 577	614, 527	777, 669	338, 834	866, 546	1, 111, 383
Riprap.....	5, 264	6, 898	10, 286	23, 863	38, 754	7, 807	32, 468	46, 038
Concrete and roadstone.....	92, 814	146, 496	254, 588	387, 084	503, 263	191, 534	520, 669	690, 736
Railroad ballast.....	7, 454	18, 614	15, 871	11, 158	14, 023	17, 520	12, 780	17, 375
Furnace flux.....	22, 872	35, 970	40, 068	31, 878	33, 025	37, 932	46, 312	48, 728
Refractory stone.....	1, 741	2, 158	1, 169	749	868	5, 849	6, 082	6, 780
Agricultural.....	8, 724	19, 349	18, 360	22, 804	28, 531	30, 393	39, 260	48, 889
Portland and natural cement (limestone, cement rock, and shell).....	(NA)	(NA)	84, 209	85, 551	98, 465	(NA)	91, 964	104, 954
Lime and dead-burned dolomite.....	(NA)	(NA)	16, 409	19, 724	26, 689	(NA)	30, 850	44, 290
Other uses.....	13, 076	20, 919	27, 617	31, 716	34, 051	47, 799	86, 161	103, 593

- Represents zero. NA Not available.  
<sup>1</sup> Quantities of stone not sold by short tons are expressed in approximate equivalents in short tons.  
<sup>2</sup> Includes calcareous marl (1,283,000 tons valued at \$1,353,000 in 1960, and 1,291,000 tons valued at \$1,125,000 in 1965) excluded in distribution by kind of stone.  
<sup>3</sup> Beginning 1955, includes ground sandstone, quartz, and quartzite for abrasives and other uses.  
<sup>4</sup> Beginning 1955, includes limestone, cement rock, and dolomite used in making cement, lime, and dead-burned dolomite.

No. 1044. LIME—QUANTITY SOLD OR USED BY PRODUCERS, BY TYPE AND USE: 1940 TO 1965

[Quantities in thousands of short tons. Includes Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 181-182]

ITEM	1940	1950	1955	1960	1964	1965
Active plants.....number.....	314	168	150	157	210	212
Quantity sold or used by producers.....	4, 887	7, 478	10, 480	12, 935	16, 089	16, 794
Value.....\$1,000.....	33, 956	83, 248	127, 144	172, 733	223, 149	232, 939
Per ton.....dollars.....	6. 95	11. 13	12. 13	13. 35	13. 87	13. 87
Open-market lime.....	4, 548	7, 022	8, 930	8, 189	9, 802	10, 449
Captive tonnage lime <sup>1</sup> .....	339	456	1, 550	4, 746	6, 287	6, 345
By type:						
Quicklime.....	2, 633	3, 834	6, 113	8, 271	11, 370	12, 009
Hydrated.....	1, 386	1, 885	2, 238	2, 715	2, 551	2, 609
Dead-burned dolomite.....	868	1, 759	2, 129	1, 949	2, 168	2, 176
By use:						
Agricultural.....	365	333	305	187	200	217
Building.....	1, 010	1, 249	1, 310	1, 209	1, 481	1, 477
Chemical and industrial.....	2, 644	4, 137	6, 736	9, 591	12, 239	12, 924
Refractory (dead-burned dolomite).....	868	1, 759	2, 129	1, 949	2, 168	2, 176

<sup>1</sup> Incomplete; through 1960, only partial coverage of captive plants.  
Source of tables 1043 and 1044: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

## No. 1045. PHOSPHATE ROCK—SUMMARY: 1950 TO 1965

[Quantities in thousands of long tons]

ITEM	1950	1955	1960	1963	1964	1965
Mine production.....	(NA)	39,671	54,338	61,598	66,494	75,389
P <sub>2</sub> O <sub>5</sub> content.....	(NA)	4,984	8,282	9,798	11,368	12,826
Marketable production.....	11,114	12,265	17,516	19,855	22,960	26,440
P <sub>2</sub> O <sub>5</sub> content.....	3,566	3,887	5,443	6,221	7,230	8,186
Value.....\$1,000.....	63,334	75,379	117,041	139,861	161,067	194,552
Per ton.....dollars.....	5.70	6.15	6.68	7.04	7.02	7.36
Sold or used by producers.....	10,254	13,186	17,202	19,860	22,081	26,045
P <sub>2</sub> O <sub>5</sub> content.....	3,336	4,180	5,352	6,187	6,907	8,084
Value.....\$1,000.....	59,028	82,904	115,363	140,642	156,738	189,824
Per ton.....dollars.....	5.76	6.29	6.71	7.08	7.10	7.28
Imports for consumption <sup>1</sup> .....	87	117	129	161	156	132
Value.....\$1,000.....	<sup>2</sup> 1,114	2,703	3,754	3,651	3,329	2,980
Per ton.....dollars.....	<sup>2</sup> 12.78	23.05	29.04	22.68	21.68	22.58
Exports <sup>3</sup> .....	1,760	2,183	3,994	4,547	5,691	6,654
P <sub>2</sub> O <sub>5</sub> content.....	590	720	1,290	1,480	1,835	2,100
Value.....\$1,000.....	10,365	14,269	26,632	31,881	39,717	65,632
Per ton.....dollars.....	5.89	6.54	6.67	7.01	6.98	9.86
Consumption, apparent <sup>4</sup> .....	8,581	11,120	13,337	15,474	16,546	19,523
World production.....	23,000	29,980	41,170	50,420	58,130	64,600

NA Not available.

<sup>1</sup> Data on P<sub>2</sub>O<sub>5</sub> content not available.<sup>2</sup> Market value (price) at port of shipment and time of exportation to the United States.<sup>3</sup> As reported to the Bureau of Mines by producers.<sup>4</sup> Measured by "sold or used" plus "imports" minus "exports."Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1046. POTASH—SUMMARY: 1950 TO 1965

[Quantities in thousands of short tons]

ITEM	1950	1955	1960	1964	1965
Production of potassium salts (marketable).....	2,243	3,514	4,472	4,954	5,401
Approximate equivalent K <sub>2</sub> O.....	1,288	2,067	2,638	2,897	3,140
Value <sup>1</sup> .....\$1,000.....	45,349	78,602	89,676	114,095	129,767
Sales of potassium salts by producers.....	2,222	3,405	4,412	5,201	5,027
Approximate equivalent K <sub>2</sub> O.....	1,276	2,006	2,602	3,045	2,931
Value at plant.....\$1,000.....	44,938	76,176	88,417	120,284	121,161
Per ton.....dollars.....	20.22	22.37	20.04	23.13	24.10
Imports for consumption of potash materials.....	381	331	415	1,254	1,867
Approximate equivalent K <sub>2</sub> O.....	201	178	226	737	1,108
Value.....\$1,000.....	13,994	11,769	15,370	35,797	52,675
Exports of potash materials.....	117	229	833	1,048	1,099
Approximate equivalent K <sub>2</sub> O.....	65	130	491	618	648
Value.....\$1,000.....	5,534	9,203	25,926	37,586	42,494
Apparent consumption of potassium salts <sup>2</sup> .....	2,486	3,507	3,994	5,407	5,795
Approximate equivalent K <sub>2</sub> O.....	1,412	2,054	2,337	3,164	3,391
World production (marketable), approximate equivalent K <sub>2</sub> O.....	5,300	8,000	10,000	13,200	14,800

<sup>1</sup> Derived from reported value of "sold or used."<sup>2</sup> Measured by "sold or used" plus "imports" minus "exports."Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1047. GYPSUM—SUMMARY: 1945 TO 1966

[Quantities in thousands of short tons; values in thousands of dollars. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See *Historical Statistics, Colonial Times to 1957*, series M 180, for gypsum mined]

ITEM	1945	1950	1955	1960	1964	1965	1966 (prel.)
Active establishments <sup>1</sup> .....	75	87	83	96	106	114	(NA)
Crude gypsum: <sup>2</sup>							
Mined.....	3, 812	8, 193	10, 684	9, 825	10, 684	10, 035	9, 635
Imports for consumption.....	509	3, 219	3, 977	5, 301	6, 258	5, 911	5, 479
Apparent supply.....	4, 320	11, 412	14, 661	15, 126	16, 942	15, 946	(NA)
Calcined gypsum produced:							
Quantity.....	<sup>3</sup> 2, 485	7, 341	8, 848	8, 591	9, 440	9, 320	8, 258
Value.....	<sup>3</sup> 14, 474	60, 480	88, 576	120, 984	135, 877	133, 028	(NA)
Gypsum products sold, total value <sup>4</sup> .....	60, 149	205, 383	319, 323	361, 190	431, 717	419, 668	(NA)
Uncalcined uses:							
Quantity.....	1, 148	2, 218	2, 938	3, 716	4, 562	4, 580	4, 627
Value.....	3, 433	7, 912	11, 435	15, 486	19, 138	20, 361	(NA)
Industrial uses:							
Quantity.....	158	266	299	284	292	319	322
Value.....	2, 326	4, 530	6, 337	6, 362	7, 508	8, 281	(NA)
Building uses, value.....	54, 390	192, 940	301, 551	339, 342	405, 071	391, 026	(NA)
Gypsum and gypsum products:							
Imports for consumption, value <sup>5</sup> .....	549	3, 584	7, 276	10, 426	14, 687	13, 328	15, 761
Exports, value.....	1, 503	1, 046	1, 348	1, 293	1, 808	2, 032	(NA)

NA Not available.

<sup>1</sup> Each mine, plant, or combination mine and plant is counted as 1 establishment.

<sup>2</sup> Excludes byproduct gypsum.

<sup>3</sup> Includes production from small quantity of byproduct gypsum.

<sup>4</sup> Made from domestic, imported, and byproduct gypsum.

<sup>5</sup> Beginning 1955, not comparable with earlier years.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

## No. 1048. SULFUR—SUMMARY: 1940 TO 1966

[Quantities in thousands of long tons; values in thousands of dollars, except average. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 185-189]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Production:							
Sulfur, all forms <sup>1</sup> .....	3, 227	5, 986	7, 027	6, 661	7, 093	8, 212	(NA)
Sulfur from Frasch mines.....	2, 732	5, 192	5, 739	4, 943	5, 228	6, 116	7, 001
Recovered elemental sulfur (sulfur content).....	4	142	399	767	1, 021	1, 215	1, 262
Pyrites (gross weight).....	627	931	1, 007	1, 016	847	875	873
Sulfur content.....	262	393	410	416	354	354	355
Value.....	1, 920	4, 059	8, 391	7, 936	5, 471	5, 333	5, 088
Byproduct sulfuric acid <sup>2</sup> (sulfur content).....	213	216	325	345	366	388	(NA)
Shipments, Frasch mines.....	2, 559	5, 505	5, 839	5, 003	6, 035	7, 250	7, 721
Approximate value.....	40, 900	104, 000	163, 156	115, 494	120, 777	146, 921	201, 292
Average value per long ton.....	\$15.98	\$18.89	\$27.94	\$23.08	\$20.01	\$20.26	\$26.07
Imports for consumption:							
Sulfur, ore and other (gross weight).....	28	(Z)	35	741	1, 462	1, 465	1, 503
Pyrites (gross weight).....	407	209	80	306	120	160	(NA)
Exports, sulfur <sup>3</sup> .....	766	1, 479	1, 636	1, 787	1, 928	2, 652	2, 373

NA Not available. Z Less than 500 tons.

<sup>1</sup> In addition to forms of recovery cited below, covers sulfur ore and other byproduct sulfur compounds (hydrogen sulfide and liquid sulfur dioxide).

<sup>2</sup> Produced at copper, lead, and zinc plants.

<sup>3</sup> Crude, crushed, ground, refined, sublimed, and flowers.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.



## No. 1049. SALT—SUMMARY, BY STATES AND BY KIND: 1940 TO 1966

[Quantities in thousands of short tons. Production, exports, and imports include Puerto Rico; production excludes Hawaii for 1940, 1950, and 1960. See *Historical Statistics, Colonial Times to 1957*, series M 28 and M 190, for production and value]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
<b>Production</b> <sup>1</sup> .....	10,360	16,630	22,704	25,479	31,623	34,687	36,463
By State:							
California.....	469	868	1,315	1,443	1,525	1,638	1,693
Kansas <sup>2</sup> .....	684	846	911	1,213	930	1,053	969
Louisiana.....	1,133	2,279	3,563	4,792	6,401	8,126	8,736
Michigan.....	2,863	4,447	4,975	4,088	4,345	4,171	4,465
New York.....	2,118	2,807	3,780	4,008	4,816	5,002	4,980
Ohio.....	2,080	2,515	2,905	3,108	4,537	5,026	5,138
Texas.....	402	1,852	3,583	4,756	6,410	6,964	7,724
Utah.....	71	117	196	231	371	384	427
West Virginia.....	144	368	638	920	1,033	1,153	1,147
Other States.....	395	531	839	920	1,255	1,170	1,184
By kind:							
Evaporated (manufactured).....	2,783	3,329	3,987	4,104	4,702	4,925	5,035
In brine.....	5,312	9,373	13,424	14,911	18,367	19,952	21,348
Rock salt.....	2,266	3,927	5,293	6,466	8,554	9,810	10,080
Total value <sup>3</sup> .....\$1,000..	26,475	59,911	123,389	161,140	200,706	215,699	229,985
Exports.....	147	190	407	420	594	688	662
Imports for consumption.....	30	8	186	1,057	2,261	2,410	2,479

<sup>1</sup> Represents sales plus quantities used by producers.

<sup>2</sup> Brine included in "Other States."

<sup>3</sup> F.o.b. mine or refinery; excludes cost of cooerage or containers.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1050. IRON ORE—SUMMARY: 1940 TO 1966

[Quantities in thousands of long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 195-206]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
<b>Production</b> .....	73,696	98,045	103,003	88,784	84,836	87,842	90,147
By district:							
Lake Superior.....	61,471	79,627	83,255	71,792	63,107	66,432	68,602
Southeastern.....	<sup>1</sup> 7,444	7,508	7,106	4,365	2,546	<sup>2</sup> 1,964	<sup>2</sup> 2,028
Northeastern.....	3,560	4,475	4,650	4,125	5,214	5,173	4,652
Western.....	<sup>1</sup> 1,221	5,861	6,958	4,583	6,187	<sup>2</sup> 13,468	<sup>2</sup> 14,074
Byproduct ore <sup>3</sup> .....	(NA)	575	1,034	3,918	7,780	805	791
By type of ore:							
Hematite <sup>4</sup> .....	68,870	87,156	92,958	<sup>5</sup> 68,147	47,603	47,043	46,602
Brown ore <sup>4</sup> .....	935	2,615	2,461	1,641	1,806	2,664	2,913
Magnetite <sup>4</sup> .....	3,891	7,699	6,550	18,205	34,395	36,927	39,841
Byproduct ore <sup>6</sup> .....	1	575	1,034	791	1,032	805	791
Number of mines.....	230	247	305	247	158	183	164
Shipments <sup>7</sup> .....	75,198	97,764	106,258	82,963	84,300	84,073	90,041
Value <sup>7</sup> .....\$1,000..	189,087	487,990	756,853	724,131	802,331	801,350	854,134
Average value per ton at mine.....	\$2.51	\$4.99	\$7.12	\$8.73	\$9.52	\$9.53	\$9.49
Stocks at mines, Dec. 31.....	3,614	5,726	4,281	12,337	10,241	12,667	12,655
Imports for consumption.....	2,479	8,281	23,472	34,578	42,408	45,103	46,259
Value.....\$1,000..	6,205	43,968	177,457	321,919	421,288	443,788	462,354
Exports.....	1,386	2,551	45,517	5,273	6,963	7,085	7,779
Value.....\$1,000..	4,625	15,717	36,993	57,899	79,670	80,418	92,157
World production (estimate).....	208,700	247,000	363,421	513,926	569,336	606,359	(NA)

NA Not available. <sup>1</sup> Texas included with Southeastern district. <sup>2</sup> Includes byproduct ore.

<sup>3</sup> Beginning 1960, includes undistributed by district. <sup>4</sup> Predominant mineral.

<sup>5</sup> Includes brown ore from Tenn., Mo., and Texas; also magnetite from Calif., Utah, and Wyo.

<sup>6</sup> For 1940, carbonate ore; thereafter, pyrites, cinder and sinter.

<sup>7</sup> Beginning 1960; excludes byproduct ore except shipments for 1965 and 1966.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1051. MANGANESE ORE AND FERROMANGANESE—SUMMARY: 1940 TO 1966

[Gross weight in thousands of short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See *Historical Statistics, Colonial Times to 1957*, series M 211, for mine shipments]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Manganese ore (35 percent or more Mn):</b>							
Mine shipments.....	45	134	287	80	26	29	35
General imports.....	1,450	1,835	2,078	2,544	2,065	2,575	2,554
Consumption.....	(NA)	1,650	2,110	1,946	2,242	2,866	2,365
World production (estimate).....	6,238	6,200	11,920	14,989	17,437	19,406	20,033
<b>Ferromanganese:</b>							
Domestic production.....	515	720	870	843	929	1,148	946
Imports for consumption.....	12	110	65	120	213	257	252
Exports.....	115	1	2	1	4	3	1
Consumption.....	(NA)	775	934	800	1,008	1,041	1,048

NA Not available. <sup>1</sup> Includes spiegeleisen.

## No. 1052. CHROMITE—SUMMARY: 1940 TO 1966

[Quantities in thousands of short tons; values in thousands of dollars. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Domestic production (shipments) also includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 213-214]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Total supply.....</b>	740	1,455	1,987	1,587	1,724	1,711	1,994
Domestic production (shipments) <sup>1</sup> .....	3	—	153	<sup>2</sup> 107	(X)	(X)	(X)
Value <sup>1</sup> .....	29	—	6,644	3,813	(X)	(X)	(X)
Imports for consumption.....	737	1,304	1,834	1,387	1,428	1,618	1,864
Value.....	8,755	23,299	38,063	24,313	22,713	25,239	(NA)
Change in stocks.....	—	151	—	93	296	193	130
Exports.....	( <sup>3</sup> )	2	1	5	6	7	19
Consumption by industry.....	563	980	1,584	1,220	1,451	1,584	1,461
Stocks (consumer), Dec. 31.....	(NA)	606	(NA)	<sup>4</sup> 1,707	1,287	1,094	1,224
World production (estimate).....	1,600	2,600	4,020	4,885	4,680	<sup>5</sup> 5,370	<sup>5</sup> 5,450

— Represents zero. NA Not available. X Not applicable.

<sup>1</sup> Domestic chromite mining inactive since 1961. <sup>2</sup> Produced for Federal Government only.

<sup>3</sup> Not available or Bureau of Mines not at liberty to publish.

<sup>4</sup> Includes stocks at locations other than consumer plants. <sup>5</sup> Free world.

## No. 1053. TUNGSTEN—SUMMARY: 1940 TO 1966

[Excludes Hawaii and, beginning 1955, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 215-216]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Production:</b>							
Concentrates, 60% WO <sub>3</sub> basis.....short tons..	5,120	4,166	16,636	7,007	(D)	(D)	(D)
Tungsten content.....1,000 lb..	4,873	3,965	15,833	6,669	(D)	(D)	(D)
<b>Shipments from mines:</b>							
Concentrates, 60% WO <sub>3</sub> basis.....short tons..	5,319	4,820	16,412	7,325	9,244	7,949	8,912
Tungsten content.....1,000 lb..	5,062	4,588	15,619	6,972	8,798	7,566	8,482
Reported value f.o.b. mines.....\$1,000..	6,576	8,171	60,841	9,815	11,251	13,028	17,620
Average per pound of tungsten.....dollars..	1.30	1.78	3.90	1.40	1.28	1.72	2.08
<b>Imports (tungsten content):</b>							
General.....1,000 lb..	9,666	8,342	20,789	5,178	2,737	3,495	4,203
For consumption.....1,000 lb..	5,611	16,147	20,700	3,525	3,148	3,618	4,298
Consumption (tungsten content).....1,000 lb..	9,955	6,597	8,967	11,605	12,311	13,868	17,710
Stocks (tungsten content) <sup>1</sup> .....1,000 lb..	2,897	5,337	4,025	5,545	2,670	1,845	1,940
World production (estimate) <sup>2</sup> .....short tons..	48,100	42,300	82,900	72,200	61,386	56,913	(NA)

NA Not available. D Withheld to avoid disclosure of individual company data.

<sup>1</sup> Producers, consumers, and dealers, end of year.

<sup>2</sup> Concentrates, 60 percent WO<sub>3</sub> basis.

Source of tables 1051-1053: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 1054. NICKEL—SUMMARY: 1940 TO 1966

[Quantities in short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 221-224]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Mine production.....	-	-	4,411	14,079	15,420	16,188	15,036
Plant production:							
Primary.....	554	913	3,807	14,303	12,185	13,510	13,272
Secondary.....	4,152	8,795	11,540	9,431	23,114	19,407	26,777
Imports for consumption (estimated nickel content) <sup>1</sup> .....	83,760	91,347	142,000	103,000	129,000	163,000	141,000
Exports (gross weight) <sup>2</sup> .....	11,994	3,645	20,601	54,109	68,502	20,934	26,364
Consumption.....	(NA)	99,989	110,100	108,159	146,920	172,084	187,640
Stocks (consumer), Dec. 31.....	(NA)	5,907	9,001	11,369	17,076	13,749	31,071
Price per pound <sup>3</sup> .....cents..	35	40-50.5	64.5	74	79	79-77.75	77.75-85.75
World production (estimate).....	144,800	162,000	263,000	353,000	423,000	472,000	475,000

- Represents zero. NA Not available.

<sup>1</sup> Includes metal, ore and matte, oxide powder and oxide sinter, and refinery residues (beginning with 1950); in addition, for 1940, covers scrap, "bars, rods, tubes, etc.," and nickel-silver.

<sup>2</sup> Through 1950, excludes "Manufactures"; weight not recorded.

<sup>3</sup> Price quoted U.S. buyers by International Nickel Co. Inc., for electrolytic nickel, U.S. duty included; 1940, f.o.b. New York; thereafter, f.o.b. Port Colborne, Ontario.

## No. 1055. MOLYBDENUM CONCENTRATES—SUMMARY: 1940 TO 1966

[In thousands of pounds of contained molybdenum, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 217-218]

ITEM	1940	1950	1955	1960	1964	1965	1966
Production.....	34,313	28,480	61,781	68,237	65,605	77,372	90,532
Shipments from mines.....	25,329	44,544	64,709	69,941	65,097	77,310	91,670
Average price per pound <sup>1</sup> .....dollars..	.75	.91	1.05	1.25	1.49	1.55	1.55
Exports <sup>2</sup> .....	6,585	6,235	14,580	30,244	24,940	24,096	29,768
Imports for consumption.....	-	3	134	-	-	295	271
Consumption.....	(NA)	26,029	38,799	44,784	56,409	68,112	75,476
Stocks (industry), Dec. 31 <sup>3</sup> .....	(NA)	4,326	2,730	3,481	4,303	4,208	3,433
World production (estimate).....	38,300	32,000	75,000	89,100	78,000	98,400	126,200

- Represents zero. NA Not available.

<sup>1</sup> Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.

<sup>2</sup> Includes roasted concentrates. <sup>3</sup> At mines and at plants making molybdenum products. <sup>4</sup> Free world.

## No. 1056. GOLD AND SILVER—SUMMARY: 1940 TO 1966

[See *Historical Statistics, Colonial Times to 1957*, series M 246-247, for mine production]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Mine production:							
Gold.....1,000 fine ounces..	4,870	2,394	1,880	1,667	1,456	1,705	1,803
Silver.....1,000 fine ounces..	70,436	42,459	37,198	30,766	36,334	39,806	43,671
Value of production:							
Gold.....\$1,000..	170,448	83,798	65,805	58,337	50,971	59,682	63,119
Silver.....\$1,000..	50,088	38,425	33,666	27,846	46,980	51,469	56,463
Ore (dry and siliceous) produced: <sup>1</sup>							
Gold ore.....1,000 short tons..	16,550	3,584	2,234	2,267	2,631	3,113	(NA)
Gold-silver ore.....1,000 short tons..	948	433	120	347	224	206	(NA)
Silver ore.....1,000 short tons..	1,201	627	570	641	644	902	(NA)
Net industrial consumption:							
Gold.....\$1,000..	13,306	97,846	45,500	105,000	168,035	184,660	(NA)
Silver.....1,000 fine ounces..	44,499	110,000	101,400	102,000	123,000	137,000	(NA)
Imports: <sup>2</sup>							
Gold.....\$1,000..	4,226,225	162,744	104,420	335,032	40,888	101,669	42,004
Silver.....\$1,000..	57,986	79,473	71,168	53,961	64,394	62,903	76,187
Exports: <sup>2</sup>							
Gold.....\$1,000..	1,120	514,283	6,953	1,647	422,744	1,285,907	457,333
Silver.....\$1,000..	3,347	3,563	4,441	26,593	141,397	51,424	110,533
Price, average per fine ounce: <sup>3</sup>							
Gold.....dollars..	35.00	35.00	35.00	35.00	35.00	35.00	35.00
Silver.....dollars..	.711	.905+	.905+	.905+	1.293	1.293	1.293
World production (estimate):							
Gold.....1,000 fine ounces..	42,300	32,700	36,300	38,200	46,100	47,700	(NA)
Silver.....1,000 fine ounces..	275,400	203,300	224,000	241,300	246,400	251,000	(NA)

NA Not available.

<sup>1</sup> Gold and silver are also produced from base-metal ores and placers. In 1965, dry and siliceous ores accounted for 54 percent of gold produced and 35 percent of silver. <sup>2</sup> Excludes coinage.

<sup>3</sup> Treasury buying price, except for silver, beginning 1964, New York price. <sup>4</sup> Preliminary.

Source of tables 1054-1056: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



No. 1057. GOLD AND SILVER—PRODUCTION, BY STATES: 1940 TO 1965

[In thousands of fine troy ounces. Based on arrivals at U.S. mints and assay offices and private refineries]

STATE	GOLD					SILVER				
	1940	1950	1960	1964	1965	1940	1950	1960	1964	1965
Total.....	4, 863	2, 289	1, 680	1, 469	1, 676	68, 287	42, 309	36, 800	37, 000	39, 000
Alaska.....	757	276	173	58	43	173	50	27	7	7
Arizona.....	299	111	158	157	154	6, 130	5, 089	5, 338	6, 009	6, 100
California.....	1, 444	410	125	72	61	2, 225	1, 000	188	180	177
Colorado.....	369	124	68	42	39	9, 378	3, 343	2, 070	2, 707	2, 003
Idaho.....	145	69	6	6	5	17, 477	15, 993	17, 814	16, 628	18, 100
Michigan.....	-	-	-	-	-	90	(Z)	6	307	1 844
Missouri.....	-	-	-	-	-	145	233	81	5	80
Montana.....	273	57	46	28	26	12, 152	7, 178	3, 970	5, 500	5, 100
Nevada.....	380	170	66	93	205	5, 102	1, 634	703	125	350
New Mexico.....	39	7	5	7	10	1, 576	365	315	250	283
Oregon.....	114	10	1	1	(Z)	192	12	(Z)	30	4
South Dakota.....	587	572	551	620	656	171	143	109	132	131
Tennessee.....	(Z)	(Z)	(Z)	(Z)	(Z)	39	26	123	91	138
Texas.....	(Z)	(Z)	-	-	-	1, 295	4	-	1	3
Utah.....	352	392	314	290	389	11, 686	6, 799	5, 132	4, 600	5, 241
Washington.....	84	89	163	97	88	389	358	696	390	355
Other States.....	19	2	3	-	-	66	82	229	47	84

- Represents zero. Z Less than 500 ounces.  
¹ Includes an accumulation of silver recovered from "Lake Copper"; actual years of mine production unknown.  
Source: Treasury Dept., Bureau of the Mint; *Annual Report of the Director*.

No. 1058. COPPER—SUMMARY: 1951 TO 1966

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Production figures also include Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 225-231]

ITEM	1951-1955 (avg.)	1955	1960	1964	1965	1966
New (primary) copper produced—						
From domestic ores, as reported by—						
Mines.....	923	999	1, 080	1, 247	1, 352	1, 421
Copper ore produced ¹.....	100, 542	112, 550	134, 994	155, 200	173, 286	186, 878
Average yield of copper.....percent..	0.85	0.83	0.73	0.73	0.70	0.67
Smelters.....	929	1, 007	1, 143	1, 301	1, 403	1, 430
Percent of world total.....	28	23	23	23	23	(NA)
Refineries.....	929	997	1, 121	1, 260	1, 336	1, 353
From foreign ores, matte, etc., refinery reports..	317	345	398	397	376	358
Total new refined, domestic and foreign.....	1, 246	1, 342	1, 519	1, 656	1, 712	1, 711
Secondary copper produced.....	925	989	871	1, 093	1, 253	1, 312
Recovered from old scrap only.....	445	515	429	474	513	529
Imports (unmanufactured) ².....	595	594	524	586	522	583
Refined.....	255	202	143	140	137	161
Exports of metallic copper ³.....	224	260	510	381	379	319
Refined (ingots and bars).....	167	200	434	316	325	273
Stocks (producers), Dec. 31.....	230	235	359	283	281	313
Refined copper.....	34	34	98	37	35	43
Blister and materials in solution.....	196	201	261	246	246	270
Withdrawals (apparent) from total supply on domestic account:						
Primary copper.....	1, 333	1, 336	1, 148	1, 495	1, 526	1, 591
Primary and old copper (old scrap only).....	1, 779	1, 851	1, 577	1, 969	2, 039	(NA)
Average price ⁴.....cents per pound..	28.8	37.3	32.1	32.6	35.4	36.2
World smelter production, new copper.....	3, 280	3, 630	5, 040	5, 730	6, 020	(NA)

NA Not available.  
¹ Includes old tailings smelted or retreated. Not comparable with mine production figures, which include recoverable copper content of ores not classified as "copper."  
² Data are for "general imports," i.e., include copper imported for immediate consumption plus material entering country under bond. Comprises copper in ingots, plates, and bars, ores and concentrates, regulus, blister, and scrap.  
³ Total exports of copper, exclusive of ore, concentrates, composition metal, and unrefined copper. Exclusive also of "Other copper manufactures," for which quantity figures are not recorded before 1953. Beginning 1960, data not strictly comparable with earlier years due to changes in classification.  
⁴ Exclusive of copper produced abroad and delivered in the United States.  
Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1059. COPPER—MINE PRODUCTION, BY STATES: 1940 TO 1966

[In short tons of recoverable copper]

STATE	1940	1950	1955	1960	1964	1965	1966 (prel.)
<b>Total</b> .....	878,086	909,343	998,570	1,080,169	1,246,780	1,351,734	1,421,204
Arizona.....	281,169	403,301	454,105	538,605	690,988	703,377	730,700
California.....	6,438	646	613	1,087	1,035	1,165	985
Colorado.....	12,152	3,141	4,323	3,247	4,653	3,828	4,230
Idaho.....	3,349	2,107	5,618	4,208	4,666	5,140	4,122
Michigan.....	45,198	25,608	50,066	56,385	69,040	71,749	73,850
Montana.....	126,391	54,478	81,542	91,972	103,806	115,489	130,319
Nevada.....	78,454	52,669	78,925	77,485	67,272	71,332	79,825
New Mexico.....	69,848	66,300	66,417	67,288	86,104	98,658	108,620
Pennsylvania.....	( <sup>1</sup> )	4,142	4,110	<sup>2</sup> 7,907	3,614	4,354	3,575
Tennessee.....	<sup>1</sup> 12,732	6,851	9,911	12,723	13,889	14,823	15,670
Utah.....	231,864	278,630	232,949	218,049	199,588	259,138	263,160
Washington.....	9,612	5,057	3,958	78	35	30	34
Other States.....	879	6,513	6,033	1,135	2,090	2,651	6,114

<sup>1</sup> North Carolina and Pennsylvania included in Tennessee.<sup>2</sup> Includes North Carolina.Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1060. ZINC—PRODUCTION AND PRICES: 1940 TO 1966

[Quantities in thousands of short tons. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics Colonial Times to 1957*, series M 239-240, for production]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Smelter production of primary slab zinc</b> <sup>1</sup> .....	675	843	964	800	954	994	1,039
Value.....\$1,000.....	85,085	240,051	236,829	205,476	260,274	290,763	(NA)
Source:							
From domestic ores.....	590	588	583	334	532	551	(NA)
From foreign ores.....	85	255	381	465	422	443	(NA)
Method:							
Electrolytic.....percent of total.....	28	41	40	40	41	41	(NA)
Distilled.....percent of total.....	72	59	60	60	59	59	(NA)
Production of redistilled secondary slab zinc.....	49	67	66	69	72	84	72
Average price of common zinc at—							
East St. Louis.....cents per pound.....	6.34	13.88	12.30	12.95	13.57	14.50	14.50
London <sup>2</sup> .....cents per pound.....	(NA)	14.89	11.30	11.05	14.74	14.12	(NA)
<b>Mine production of recoverable zinc</b> .....	665	623	515	435	575	611	571
Arizona.....	15	60	23	36	25	22	16
Colorado.....	5	46	35	31	54	54	55
Idaho.....	71	88	53	37	59	58	61
Illinois.....	5	27	22	30	14	18	15
Kansas.....	57	27	28	2	5	7	4
Montana.....	53	68	69	13	29	34	29
New Jersey.....	91	55	12	—	33	38	26
New Mexico.....	30	29	15	14	30	36	29
New York.....	36	38	53	66	61	70	74
Oklahoma.....	163	47	42	2	12	13	11
Pennsylvania.....	—	—	—	14	31	28	28
Tennessee.....	35	35	40	91	116	122	104
Utah.....	44	32	44	35	31	28	36
Virginia.....	17	12	18	20	21	20	18
Washington.....	11	15	29	21	24	22	24
Wisconsin.....	6	6	18	18	26	27	25
Other States <sup>3</sup> .....	26	38	14	5	4	14	16
World smelter production (estimate).....	1,786	2,170	2,930	3,335	4,110	4,240	(NA)

— Represents zero. NA Not available.

<sup>1</sup> Beginning 1960, includes production of zinc used directly in alloying operations.<sup>2</sup> Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.<sup>3</sup> Includes Alaska.Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 1061. LEAD—SUMMARY: 1940 TO 1966

[In short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1967*, series M 232-238]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Smelter production of refined primary lead.....	533, 179	508, 314	479, 157	382, 436	449, 429	418, 249	443, 995
From domestic ores and base bullion <sup>1</sup> .....	433, 065	418, 809	321, 132	228, 899	294, 254	305, 007	318, 646
From foreign ores and base bullion.....	100, 114	89, 505	158, 025	153, 537	155, 175	113, 242	125, 349
Recovery of secondary lead.....	260, 346	482, 275	502, 051	469, 903	541, 582	575, 819	538, 116
Imports, general: <sup>2</sup>							
Lead in pigs, bars, and old.....	151, 568	461, 827	284, 729	213, 671	212, 898	226, 883	288, 821
Lead in base bullion.....	19, 624	3, 488	-	293	4, 838	566	2, 012
Lead in ores and matte.....	111, 300	76, 520	177, 479	145, 692	123, 257	122, 661	143, 991
Exports of refined pig lead <sup>3</sup> .....	23, 755	2, 735	403	1, 967	10, 175	7, 811	5, 435
Stocks, Dec. 31 (lead content):							
At primary smelters and refineries.....	(NA)	(NA)	(NA)	250, 142	84, 398	83, 443	115, 473
At consumer plants.....	(NA)	(NA)	(NA)	97, 268	113, 444	109, 195	90, 306
Consumption of metal, primary and secondary.....1,000 short tons.....	4 782	1, 238	1, 213	1, 021	1, 202	1, 241	1, 324
Average price, common lead:							
New York.....cents per pound.....	5. 18	13. 30	15. 14	11. 95	13. 62	16. 00	15. 12
London.....cents per pound.....	( <sup>5</sup> )	13. 29	12. 19	9. 04	12. 59	14. 37	11. 87
Mine production of recoverable lead <sup>6</sup> .....	457, 392	430, 827	338, 025	246, 669	286, 010	301, 147	327, 368
Value <sup>6</sup> .....\$1,000.....	(NA)	(NA)	(NA)	57, 722	74, 936	93, 959	98, 964
World smelter production (est.) 1,000 short tons.....	1, 936	1, 850	2, 250	2, 550	2, 825	2, 905	(NA)

- Represents zero. NA Not available. <sup>1</sup> Excludes lead content of antimonial lead.

<sup>2</sup> Includes lead imported for immediate consumption plus material entering country under bond.

<sup>3</sup> Pigs, bars, and anodes. <sup>4</sup> Source: Estimated by American Bureau of Metal Statistics.

<sup>5</sup> Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war. <sup>6</sup> Includes Alaska.

## No. 1062. LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES: 1940 TO 1966

[In short tons]

STATE	1940	1950	1955	1960	1964	1965	1966
Total.....	457, 392	430, 827	338, 025	246, 669	286, 010	301, 147	319, 302
Arizona.....	13, 266	26, 383	9, 817	8, 495	6, 147	5, 913	5, 170
Colorado.....	11, 476	27, 007	15, 805	18, 080	20, 563	22, 495	23, 450
Idaho.....	104, 834	100, 025	64, 163	42, 907	71, 312	66, 606	68, 865
Illinois.....	1, 508	2, 729	4, 544	3, 000	2, 180	3, 005	2, 475
Missouri.....	172, 052	134, 626	125, 412	111, 948	120, 148	133, 521	133, 125
Montana.....	23, 036	19, 617	17, 028	4, 879	4, 538	6, 981	4, 480
Oklahoma.....	21, 240	20, 724	14, 126	936	2, 781	2, 813	2, 830
Utah.....	75, 688	44, 753	50, 452	39, 398	40, 249	37, 700	58, 860
Virginia <sup>1</sup> .....	4, 831	4, 851	4, 036	2, 152	3, 857	3, 651	4, 217
Washington.....	2, 555	10, 334	10, 340	7, 725	5, 731	6, 328	5, 895
Other States.....	26, 906	39, 778	22, 802	7, 149	8, 504	12, 134	9, 935

<sup>1</sup> New York and Tennessee included with Virginia for 1940-1955.

## No. 1063. TIN—SUMMARY: 1940 TO 1966

[Quantities in long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Production figures for domestic mines also include Alaska]

ITEM	1940	1950	1955	1960	1964	1965	1966
Production:							
Domestic mines.....	49	94	99	10	(D)	47	97
Domestic smelters <sup>1</sup> .....	1, 391	33, 118	22, 329	(D)	(D)	3, 098	3, 825
Secondary sources.....	29, 700	31, 680	28, 340	22, 050	23, 508	25, 076	25, 349
Imports for consumption:							
Metal.....	124, 810	82, 838	64, 815	39, 538	32, 132	40, 816	41, 699
Ore (tin content).....	3, 000	25, 960	20, 112	14, 026	5, 190	4, 326	4, 372
Exports (domestic and foreign).....	<sup>2</sup> 2, 664	799	1, 107	857	4, 041	2, 829	2, 847
Monthly price of Straits tin at New York, average cents per pound <sup>3</sup> .....	49. 82	95. 56	94. 73	101. 40	157. 72	178. 17	164. 02
Consumption.....	97, 154	104, 464	90, 483	80, 560	82, 890	84, 011	85, 586
World mine production (estimate) <sup>4</sup> .....	238, 300	169, 300	197, 200	180, 400	194, 500	199, 800	208, 000

D Withheld to avoid disclosure of individual company data.

<sup>1</sup> Includes tin content of ores used to make alloys. <sup>2</sup> Foreign only, domestic not separately recorded.

<sup>3</sup> Source: *American Metal Market*. <sup>4</sup> Prior to 1955, excludes production of U.S.S.R.

Source of tables 1061-1063: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 1064. BAUXITE—SUMMARY: 1940 TO 1966

[Quantities in thousands of long tons; values in thousands of dollars. Excludes Alaska and Hawaii prior to 1960, except imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See *Historical Statistics, Colonial Times to 1957*, series M 249, for production]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Production:</b>							
Crude ore.....	510	1,585	2,139	2,409	1,915	1,990	2,162
Dried-bauxite equivalent.....	439	1,335	1,788	1,998	1,601	1,654	1,796
Value.....	1,754	7,693	14,543	21,107	17,875	18,632	20,095
<b>Shipments:<sup>1</sup></b>							
Gross weight (as shipped).....	507	1,452	2,012	1,925	1,830	2,065	1,976
Dried-bauxite equivalent.....	438	1,337	1,727	1,654	1,588	1,785	1,718
Value.....	1,745	9,549	15,559	19,559	18,668	21,085	20,896
Imports for consumption <sup>2</sup> (crude and dried).....	630	2,516	4,882	8,739	10,180	11,199	11,529
Value.....	4,299	15,730	36,656	78,024	128,787	142,989	147,335
Exports (as shipped).....	82	45	14	29	279	147	62
Value.....	1,543	1,166	528	2,588	22,211	10,736	4,275
World production (estimate).....	4,321	8,050	17,500	27,205	33,230	36,530	(NA)

NA Not available.

<sup>1</sup> Shipments from mines and processing plants to consumers.

<sup>2</sup> Beginning 1955, import figures adjusted to dry equivalent for Jamaican, Haitian, and Dominican Republic bauxite. Other imports on "as shipped" basis.

## No. 1065. ALUMINUM—SUMMARY: 1940 TO 1966

[Quantities in thousands of short tons; values in thousands of dollars. Excludes Alaska and Hawaii prior to 1960, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 251-255]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Total production.....</b>	287	962	1,902	2,344	3,105	3,395	(NA)
Value.....	104,624	316,046	830,800	1,201,321	1,458,013	1,651,795	(NA)
<b>Primary aluminum:</b>							
Production.....	206	719	1,566	2,014	2,553	2,754	2,968
Value.....	75,292	235,977	684,038	1,030,007	1,196,013	1,337,795	1,446,011
Price.....cents per pound <sup>1</sup> .....	18.7	17.7	23.7	26.0	23.7	24.5	24.5
<b>Secondary aluminum:</b>							
Production (recovered) <sup>2</sup> .....	80	244	336	329	552	641	(NA)
From old scrap.....	46	76	76	63	124	160	(NA)
From new scrap.....	35	167	260	267	428	481	(NA)
Value <sup>3</sup> .....	29,332	80,069	146,762	171,314	262,000	314,000	(NA)
Imports for consumption <sup>4</sup> .....	18	256	239	196	453	621	522
Value <sup>5</sup> .....	4,737	67,533	105,061	103,278	195,833	265,692	(NA)
Exports <sup>4</sup> .....	28	23	34	384	349	313	188
Value <sup>5</sup> .....	17,919	13,345	19,692	174,414	169,975	166,794	(NA)
Total apparent consumption.....	306	1,200	2,111	2,016	3,216	3,736	(NA)
World production (est.).....	868	1,640	3,460	4,950	6,720	7,415	(NA)

NA Not available.

<sup>1</sup> As quoted. 99+ percent virgin ingot. The use of the term "pig" was discontinued in August 1960. The former pig price is now applied to ingot. Source: *American Metal Market*.

<sup>2</sup> Through 1950, recoverable aluminum-alloy content; thereafter, recoverable aluminum content.

<sup>3</sup> Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the *Engineering and Mining Journal* and the *American Metal Market*.

<sup>4</sup> Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap).

<sup>5</sup> Beginning 1955, not comparable with earlier years.

## No. 1066. MAGNESIUM—SUMMARY: 1940 TO 1966

[In short tons, except as indicated. Excludes Alaska and Hawaii prior to 1960, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See *Historical Statistics, Colonial Times to 1957*, series M 256-258, for production]

ITEM	1940	1950	1955	1960	1964	1965	1966
<b>Production:</b>							
Primary magnesium, ingot equivalent.....	6,261	15,726	61,135	40,070	79,488	81,361	79,794
Secondary magnesium, ingot equivalent.....	(NA)	9,476	10,246	10,348	11,790	13,617	(NA)
Average price per pound, primary (quoted)							
Price, primary.....cents per pound.....	27.0	22.0	29.5	35.25	35.25	35.25	35.25
<b>Exports:<sup>1</sup></b>							
Metal and alloys in crude form and scrap.....	859	586	8,230	4,467	15,949	17,836	14,869
Semifabricated forms, powder, etc.....	(NA)	322	2,250	665	870	484	579
Imports, metallic and scrap <sup>3</sup> .....	-	843	1,844	401	2,227	2,551	3,265
Domestic consumption <sup>4</sup> .....	5,766	18,051	46,463	37,100	54,748	69,622	82,678
World primary production (estimate).....	42,000	50,000	132,000	102,500	166,172	174,000	(NA)

- Represents zero. NA Not available.

<sup>1</sup> Beginning 1960, some material formerly included with metals and alloys in crude form and scrap, included with semifabricated forms, etc. <sup>2</sup> Not strictly comparable with 1950. <sup>3</sup> Represents imports for consumption.

<sup>4</sup> 1940 data, primary and secondary; thereafter, primary only.

Source of tables 1064-1066: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

FIG. XLVI. VALUE OF NEW CONSTRUCTION: 1960 TO 1966

[See table 1067]

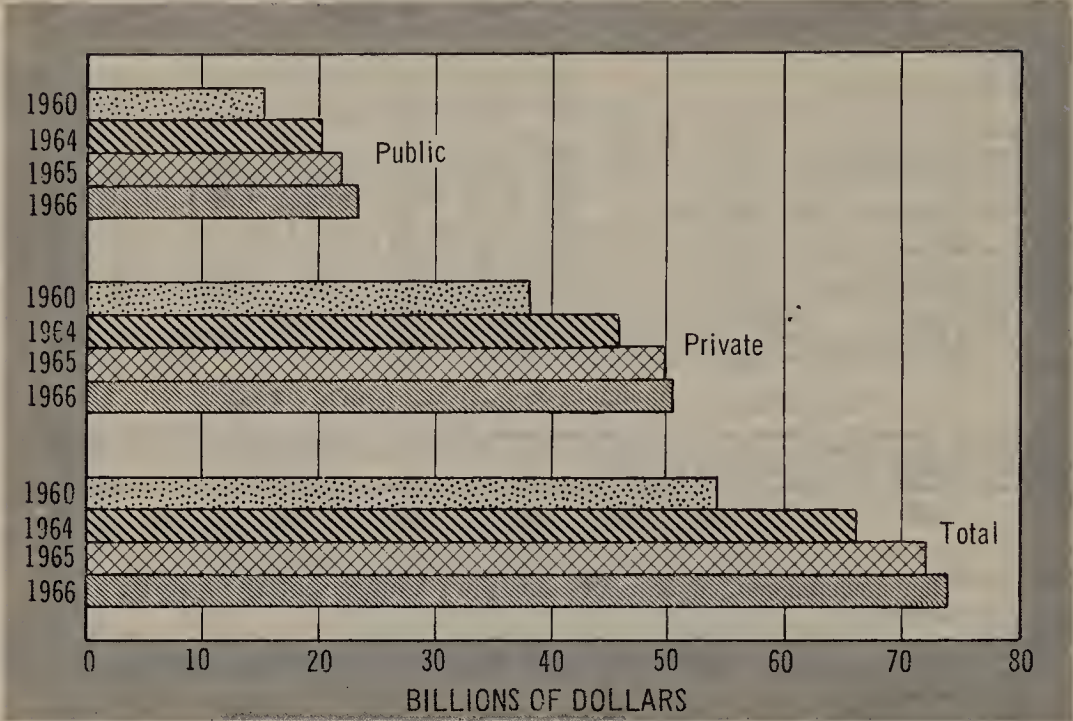
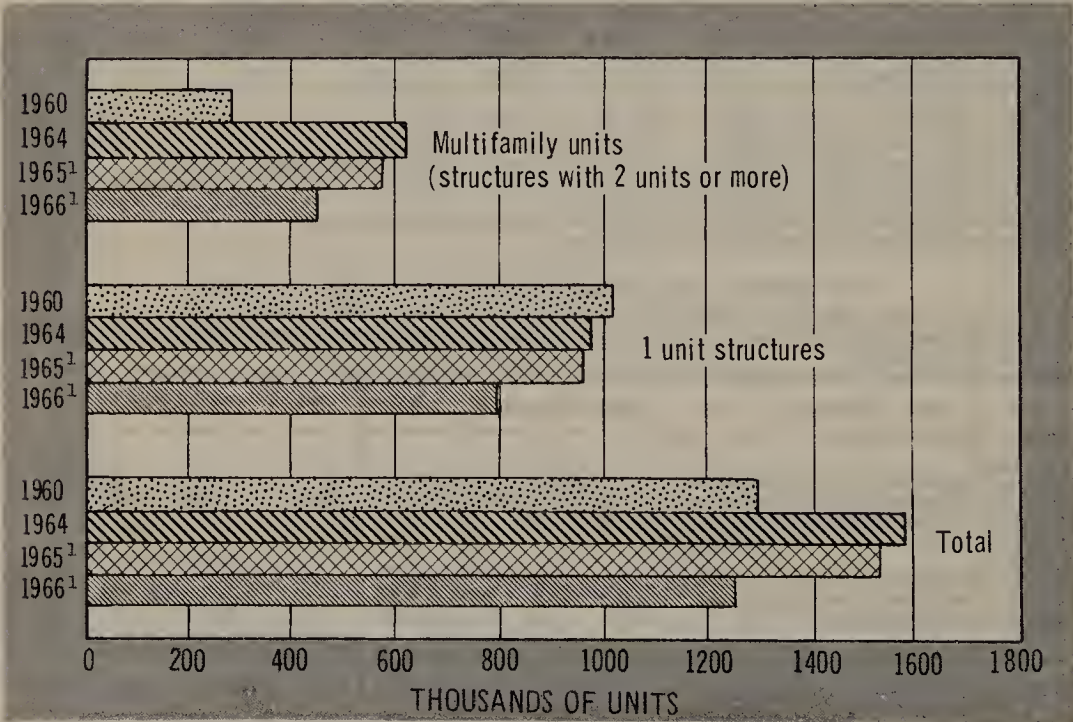


FIG. XLVII. NEW NONFARM HOUSING UNITS STARTED: 1960 TO 1966

[See table 1082]



<sup>1</sup> Preliminary.

Source of figs. XLVI and XLVII: Dept. of Commerce, Bureau of the Census.



## Section 28

### Construction and Housing

This section presents various measures of construction activity and costs; housing units; housing values, facilities, and structural characteristics; and residential financing.

The principal sources of these data are the monthly *Construction Reports* series (see below) and reports of the decennial Census of Housing published by the Bureau of the Census; and the monthly *Construction Review*, published by the Business and Defense Services Administration. Other sources, specializing in particular types of construction or housing statistics, include the monthly *Dodge Construction Contract Statistics Services* of F. W. Dodge Company, a division of McGraw-Hill, Inc., which presents State data on construction contracts; the *Engineering News-Record*, issued weekly by McGraw-Hill, Inc., which contains figures on construction costs; the *Annual Report* of the Department of Housing and Urban Development which presents housing statistics for all its operating programs; and the *Annual Report* of the Federal Home Loan Bank Board, which presents home mortgage data. Monthly data on characteristics of vacant housing units are collected by the Bureau of the Census and presented quarterly in its *Current Housing Reports*.

**Construction.**—Monthly statistics on the start of construction of total, single-family, and multifamily housing units in housekeeping residential buildings are published in *Construction Reports: Housing Starts*. Quarterly information is presented on number of units in multifamily buildings by number of floors and presence of elevators in structures. The statistics are derived from monthly sample surveys which measure the relationship between housing units authorized by permits and the number of units on which construction started. Housing starts in areas which do not issue permits are measured directly by a monthly survey in a sample of such areas. Historical data on housing starts and building permits appear in *Housing Construction Statistics, 1889 to 1964*, issued by the Bureau of the Census in 1966.

Monthly statistics supplemented by additional quarterly data on the number of 1-family homes sold and for sale, compiled by the Bureau of the Census under the sponsorship of the Department of Housing and Urban Development, are published in *Construction Reports: Housing Sales*. Statistics are based on samples of homes authorized by building permits and of homes started in areas without permit systems.

Monthly estimates of the value of construction put in place appear in the Bureau of the Census series, *Construction Reports: Construction Activity*. Estimates for private residential construction are based primarily on housing starts statistics and on construction cost data derived largely from building permit records. Estimates for nonresidential buildings such as stores, office buildings, and factories are compiled from a Bureau of the Census survey of those new construction projects in the 37 Eastern States and the District of Columbia identified by the F. W. Dodge Company, supplemented by building permit and F. W. Dodge contract award data covering the 13 Western States. Public utility construction estimates are derived from data compiled by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations and organizations such as the American Gas Association, the Edison Electric Institute, and the American Telephone and Telegraph Company.

Statistics for State and local governmental construction are derived from expenditure data obtained quarterly by the Bureau of the Census from State and local government bodies. Estimates of federally financed construction, and of the Federal component of federally aided construction programs, are derived by the Bureau of the Census from reports of the responsible Federal agencies.



Monthly statistics on housing units authorized by building permits, based on reports provided monthly by over 3,000 relatively active permit-issuing places and annually by the 12,000 known permit-issuing jurisdictions, appear in *Construction Reports: Building Permits*.

Annual statistics on expenditures for residential additions, alterations, repairs, maintenance, and replacements are published in *Construction Reports: Residential Alterations and Repairs*. Statistics are based on expenditures reported by owners of a sample of single and multifamily properties, including nonfarm and farm, privately and publicly owned, owner and renter occupied, and vacant housing units.

**Housing.**—From 1850 through 1930, the Bureau of the Census collected some housing data in conjunction with Censuses of Population and Agriculture. Beginning in 1940, full-fledged Censuses of Housing have been taken at 10-year intervals. The most recent census, taken as of April 1, 1960, provided data on occupancy and structural characteristics, condition, plumbing facilities, equipment, fuels, and financing. It also included data on components of inventory change (new construction, conversion, merger, demolition, and other gains and losses) for 1950-60 and 1957-60.

Housing data were collected by the Bureau of the Census in sample surveys in October 1944, November 1945, April 1947, and May 1948 as part of the Current Population Survey (see p. 1). In 1955, the Bureau began a monthly vacancy survey, results of which are issued on a quarterly basis. A National Housing Inventory, conducted in 1956, provided measurements of the housing supply for the nation as a whole and for selected metropolitan areas, and information on components of change during the 1950-56 period.

**Housing units.**—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters, that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) a kitchen or cooking equipment for the exclusive use of the occupants. Transient accommodations (tourist courts, hotels, etc.), barracks for workers (railroad, construction, etc.), and institutional-type quarters are not included in the housing-unit inventory.

In the 1950 Census, the unit of enumeration was the dwelling unit. Although the definition of housing unit in 1960 is essentially similar to that of dwelling unit in 1950, the housing unit definition was designed to encompass all separate living quarters, whereas the dwelling unit definition did not. The main difference was in the treatment of 1-room quarters. Nevertheless, the change in definition between 1950 and 1960 had relatively little effect on comparability of the data at national and State levels.

**Residential financing.**—As early as 1890, the Bureau of the Census (then Census Division of the Department of the Interior) collected detailed statistics on residential mortgages. As part of the 1920 and 1940 Censuses, mortgage questions were asked of owners who occupied their own homes. In 1950, the census included a separate survey on residential financing, covering nonfarm residential mortgaged properties, both owner and renter. As part of the 1956 National Housing Inventory, data were collected on the financing of owner-occupied nonfarm properties. In 1960, the Residential Finance Survey program of the Census of Housing covered financing of both home owner and rental properties and characteristics of nonmortgaged as well as mortgaged properties.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Federal Home Loan Bank Board. The Federal Housing Administration compiles, from its records, data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc. The Veterans Administration also compiles, from its records, data on amounts and types of loans.

**Urban, rural, and farm-nonfarm residence.**—See section 1, "Population," for 1960 definitions of urban, rural, and farm-nonfarm residence.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

# Value of Construction

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## No. 1067. VALUE OF CONSTRUCTION PUT IN PLACE: 1950 TO 1966

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land and most types of machinery and equipment. For series beginning 1962, see Department of Commerce, Bureau of the Census, *Construction Report* C30-65S. For 1946 to 1961 see *Construction Report* C30-61 (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N 1-28]

TYPE OF CONSTRUCTION	1950	1955	1960	1962	1963	1964	1965	1966
<b>Total</b> .....	45,630	62,377	73,173	79,972	83,508	(NA)	(NA)	(NA)
<b>New construction</b> .....	33,575	46,519	53,941	59,667	62,968	66,221	71,930	73,866
Private.....	26,709	34,804	38,078	41,798	43,642	45,914	49,999	50,623
Residential buildings (nonfarm).....	18,126	21,877	21,706	24,292	25,843	26,507	26,689	24,633
New housing units.....	15,551	18,242	16,410	18,638	20,064	20,612	20,765	18,773
Additions and alterations.....	2,400	3,296	(1)	(1)	(1)	(1)	(1)	(1)
Nonhousekeeping.....	175	339	865	1,223	1,341	1,457	1,486	1,422
Nonresidential buildings <sup>2</sup> .....	3,904	7,611	10,149	11,617	11,646	12,998	16,521	18,734
Industrial.....	1,062	2,399	2,851	2,842	2,906	3,572	5,086	6,779
Commercial <sup>3</sup> .....	1,415	3,218	4,180	5,144	4,995	5,406	6,704	6,887
Religious.....	409	734	1,013	1,033	1,001	999	1,222	1,174
Educational.....	294	492	566	680	678	703	753	962
Hospital and institutional.....	344	351	605	985	1,030	1,301	1,432	1,483
Other nonresidential buildings.....	380	417	934	933	1,036	1,017	1,324	1,449
Farm construction.....	1,522	1,385	1,321	1,282	1,247	1,221	1,195	1,208
Operator dwellings.....	642	532	500	482	468	457	445	450
Other farm construction.....	880	853	821	800	779	764	750	758
Public utilities.....	3,045	3,770	4,621	4,330	4,596	4,850	5,178	5,564
Telephone and telegraph.....	440	805	1,088	996	1,128	1,263	1,454	1,600
Other public utilities.....	2,605	2,965	3,533	3,334	3,468	3,587	3,724	3,964
Railroads.....	269	321	270	201	240	259	270	243
Electric light and power <sup>4</sup> .....	1,240	1,572	2,026	1,899	2,020	2,098	2,271	2,467
Gas.....	859	922	1,105	1,031	948	1,064	1,064	1,153
Petroleum pipelines <sup>5</sup> .....	237	150	132	203	260	166	119	101
All other private.....	112	161	281	277	310	338	416	484
Public <sup>6</sup> .....	6,866	11,715	15,863	17,869	19,326	20,307	21,931	23,243
Buildings (excl. military).....	2,732	4,462	5,511	6,092	6,449	7,052	7,716	8,516
Residential.....	345	266	716	938	451	474	464	550
Industrial.....	224	721	407	422	458	400	365	374
Educational.....	1,133	2,442	2,818	2,984	3,477	3,790	4,283	5,131
Hospital.....	499	300	401	397	403	440	494	437
Other public buildings.....	531	733	1,169	1,351	1,660	1,948	2,110	2,024
Highways and streets.....	2,134	3,852	5,437	6,365	7,091	7,144	7,547	8,324
Military facilities.....	177	1,287	1,366	1,266	1,227	968	883	770
Conservation and development.....	942	701	1,175	1,524	1,690	1,729	2,017	2,172
Other public construction.....	881	1,413	2,374	2,622	2,869	3,414	3,768	3,461
Sewer systems.....	383	615	882	1,072	947	1,325	1,194	1,252
Water supply facilities.....	276	470	605	682	882	956	1,266	975
Miscellaneous public construction.....	222	328	887	868	1,040	1,133	1,308	1,234
<b>Maintenance and repair <sup>7</sup></b> .....	12,055	15,858	19,237	20,305	20,540	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup> Not available; estimate included in totals.

<sup>2</sup> Beginning 1962, new series, essentially comparable in level with old series although there are year-to-year differences. See *Construction Report* C30-65S.

<sup>3</sup> Excludes building by privately owned public utilities.

<sup>4</sup> Includes construction with REA funds.

<sup>5</sup> Through 1955, includes local transit.

<sup>6</sup> Beginning 1963, new series for State and local component of public construction. New and old series essentially comparable in level for total but not for most individual categories. See *Construction Report* C30-65S.

<sup>7</sup> Source: Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30, except as noted.



**No. 1068. VALUE OF NEW CONSTRUCTION IN 1957-59 PRICES, AND INDEX OF PHYSICAL VOLUME: 1950 TO 1966**

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. For description and computation of the various indexes used in the derivation of constant values, see source. Represents value of construction put in place. For series beginning 1962, see Department of Commerce, Bureau of the Census, *Construction Report* C30-65S. For 1946 to 1961 see *Construction Report* C30-61 (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N 29-54]

TYPE OF CONSTRUCTION	1950	1955	1960	1962	1963	1964	1965	1966
<b>New construction</b> .....	43,576	51,717	52,171	55,948	57,681	59,153	62,140	61,556
<i>Index of physical volume (1957-59=100)</i> .....	85	101	101	109	112	115	121	119
<b>Private</b> .....	34,309	38,394	36,518	39,056	39,928	40,922	43,145	42,065
Residential buildings (nonfarm).....	22,447	23,649	20,824	22,823	23,791	23,733	23,136	20,521
New housing units.....	19,257	19,722	15,747	17,508	18,465	18,453	17,992	15,643
Additions and alterations.....	2,975	3,562	(1)	(1)	(1)	(1)	(1)	(1)
Nonhousekeeping.....	215	365	828	1,150	1,236	1,305	1,292	1,183
Nonresidential buildings <sup>2</sup> .....	5,321	8,668	9,690	10,558	10,288	11,219	13,894	15,242
Industrial.....	1,447	2,807	2,803	2,732	2,728	3,271	4,510	5,826
Commercial <sup>3</sup> .....	1,930	3,623	3,943	4,555	4,290	4,527	5,450	5,417
Religious.....	558	823	958	932	875	850	1,013	926
Educational.....	399	553	535	614	592	597	625	761
Hospital and institutional.....	470	395	569	886	900	1,105	1,189	1,169
Other nonresidential buildings.....	517	467	882	839	903	869	1,097	1,143
Farm construction.....	1,909	1,511	1,270	1,239	1,194	1,167	1,121	1,083
Operator dwellings.....	785	573	480	463	444	430	415	394
Other farm construction.....	1,124	938	790	776	750	737	706	689
Public utilities.....	4,470	4,384	4,474	4,190	4,390	4,525	4,673	4,850
Telephone and telegraph.....	574	865	1,059	973	1,085	1,186	1,312	1,375
Other public utilities.....	3,896	3,519	3,415	3,217	3,305	3,339	3,361	3,475
Railroads.....	363	366	261	193	229	245	246	210
Electric light and power <sup>4</sup> .....	1,879	1,866	1,980	1,884	1,976	2,008	2,105	2,222
Gas.....	1,308	1,110	1,047	947	854	935	907	956
Petroleum pipelines <sup>5</sup> .....	346	177	127	193	246	151	103	87
All other private.....	162	182	260	246	265	278	331	369
<b>Public</b> <sup>6</sup> .....	9,267	13,323	15,653	16,892	17,753	18,231	18,995	19,491
Buildings (excl. military).....	3,682	5,039	5,237	5,552	5,684	6,036	6,439	6,980
Residential.....	430	288	686	882	414	419	402	478
Industrial.....	304	848	402	408	430	364	324	325
Educational.....	1,543	2,742	2,664	2,688	3,035	3,224	3,555	4,194
Hospital.....	682	338	380	357	348	372	410	368
Other public buildings.....	723	823	1,105	1,217	1,457	1,657	1,748	1,615
Highways and streets.....	2,722	4,396	5,758	6,447	7,005	7,015	7,104	7,295
Military facilities.....	234	1,467	1,336	1,182	1,113	864	759	636
Conservation and development.....	1,351	799	1,089	1,345	1,444	1,428	1,601	1,667
Other public construction.....	1,278	1,622	2,233	2,366	2,507	2,888	3,092	2,913
Sewer systems.....	550	702	817	948	810	1,094	952	998
Water supply facilities.....	397	536	563	601	754	787	1,007	812
Miscellaneous public construction.....	331	384	853	817	943	1,007	1,133	1,103

<sup>1</sup> Not available; estimate included in totals.

<sup>2</sup> Beginning 1962, new series, essentially comparable in level with old series although there are year-to-year differences. See *Construction Report* C30-65S.

<sup>3</sup> Excludes building by privately owned public utilities.

<sup>4</sup> Includes construction with REA funds.

<sup>5</sup> Through 1955, includes local transit.

<sup>6</sup> Beginning 1963, includes new series for State and local component of public construction. New and old series essentially comparable in level for total but not for most individual categories. See *Construction Report* C30-65S.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.



No. 1069. VALUE OF NEW CONSTRUCTION PUT IN PLACE, BY TYPE, BY QUARTERS:  
1965 TO 1967

[In millions of dollars]

TYPE OF CONSTRUCTION	1965				1966				1967, Jan.- Mar. (prel.)
	Jan.- Mar.	Apr.- June	July- Sept.	Oct.- Dec.	Jan.- Mar.	Apr.- June	July- Sept.	Oct.- Dec.	
<b>New construction</b> .....	13,691	18,599	20,363	19,277	15,449	19,851	20,717	18,352	14,400
<b>Private</b> .....	9,751	12,914	13,817	13,517	10,901	13,594	13,846	12,282	9,772
Residential buildings (nonfarm) <sup>1</sup> .....	5,195	7,135	7,568	6,791	5,343	7,092	6,813	5,385	4,126
New housing units.....	4,104	5,222	5,983	5,456	4,241	5,202	5,250	4,080	3,064
Nonhousekeeping.....	336	371	399	380	347	348	377	350	307
Nonresidential buildings <sup>2</sup> .....	3,155	4,087	4,434	4,845	4,020	4,700	5,093	4,921	4,088
Industrial.....	939	1,256	1,338	1,553	1,406	1,734	1,868	1,771	1,447
Commercial.....	1,281	1,614	1,809	2,000	1,491	1,660	1,877	1,859	1,531
Religious.....	216	319	338	349	238	292	319	324	238
Educational.....	136	174	235	208	197	251	275	240	210
Hospital and institutional.....	357	362	350	363	356	369	376	382	316
Farm construction.....	280	289	328	298	275	289	336	308	285
Public utilities.....	1,041	1,300	1,384	1,453	1,116	1,384	1,499	1,565	1,174
Telephone and telegraph.....	300	372	375	407	341	405	420	434	350
Other public utilities.....	741	928	1,009	1,046	775	979	1,079	1,131	824
All other private.....	80	103	103	130	147	129	105	103	93
<b>Public</b> <sup>3</sup> .....	3,940	5,685	6,546	5,760	4,548	6,257	6,871	6,070	4,628
Buildings (excl. military).....	1,533	1,978	2,121	2,084	1,928	2,259	2,333	(NA)	(NA)
Residential.....	87	102	137	138	112	134	160	(NA)	(NA)
Industrial.....	91	106	81	87	81	114	87	83	81
Educational.....	812	1,128	1,213	1,130	1,087	1,378	1,487	(NA)	(NA)
Hospital.....	106	136	129	123	106	116	116	(NA)	(NA)
Other public buildings.....	437	506	561	606	542	517	483	(NA)	(NA)
Highways and streets.....	1,074	1,976	2,556	1,941	1,206	2,293	2,762	(NA)	(NA)
Military facilities.....	169	226	255	233	175	196	209	190	138
Conservation and development.....	387	522	555	553	434	557	613	(NA)	(NA)
Other public construction.....	777	983	1,059	949	805	952	954	(NA)	(NA)
Sewer systems.....	249	315	321	309	287	337	344	(NA)	(NA)
Water supply facilities.....	258	313	397	298	228	283	265	(NA)	(NA)
Misc. public construction.....	270	355	341	342	290	332	345	(NA)	(NA)

NA Not available. <sup>1</sup> Includes estimates for additions and alterations.<sup>2</sup> New-series, which began July 1962; see *Construction Report* C30-65S. Total includes estimates for type of buildings not shown separately. <sup>3</sup> See footnote 6, table 1068.Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

## No. 1070. BUILDING PERMITS—VALUATION OF PRIVATE CONSTRUCTION AUTHORIZED: 1960 TO 1966

[In millions of dollars. The "10,000 place" series is based on a U.S. total of approximately 10,000 places identified in 1959 as having local building permit systems; the "12,000 place" series on a total of approximately 12,000 places so identified in 1962]

TYPE OF CONSTRUCTION	10,000 PLACE SERIES		12,000 PLACE SERIES			
	1960	1963	1963	1964	1965	1966 (prel.)
<b>Total</b> .....	19,761	24,557	25,630	26,614	27,852	26,121
<b>New housing units</b> .....	11,327	14,606	15,213	15,242	15,396	12,679
In structures with—						
1 unit.....	9,427	10,088	10,658	10,714	11,117	9,319
2 to 4 units.....	491	952	970	864	741	531
5 units or more.....	1,409	3,565	3,585	3,664	3,538	2,829
<b>New nonhousekeeping residential buildings</b> .....	270	376	386	531	471	377
<b>New nonresidential buildings</b> .....	5,982	7,045	7,455	8,194	9,179	10,195
Industrial buildings.....	1,138	1,455	1,740	1,939	2,252	2,778
Office buildings.....	1,039	1,281	1,297	1,168	1,573	1,749
Service stations and repair garages.....	115	169	175	200	218	229
Stores and other mercantile buildings.....	1,146	1,215	1,247	1,559	1,838	1,940
Religious buildings.....	548	501	524	616	617	574
Educational buildings.....	441	651	659	679	715	879
Hospitals and other institutional buildings.....	340	719	730	830	810	715
Amusement buildings.....	195	169	174	176	181	162
Residential garages.....	202	224	234	231	226	217
All other nonresidential buildings.....	818	661	675	796	749	952
<b>Additions and alterations</b> .....	2,182	2,530	2,576	2,647	2,806	2,870

Source: Dept. of Commerce, Bureau of the Census. In Dept. of Commerce, Business and Defense Services Administration, *Construction Review*.

# **No. 1071. VALUE OF NEW PUBLIC CONSTRUCTION, BY SOURCE OF FUNDS, OWNERSHIP, AND TYPE: 1950 TO 1966**

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Complete series from 1946 to 1962 in Department of Commerce, Business and Defense Services Administration, *Construction Statistics, 1915-1964*, a supplement to *Construction Review* and, from 1963 to date, in current issues of *Construction Review*. For 1915 to 1945 source of funds totals, see *Historical Statistics, Colonial Times to 1957*, Series N55-58]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
<b>New public construction</b> .....	<b>6,866</b>	<b>11,715</b>	<b>15,863</b>	<b>17,869</b>	<b>19,326</b>	<b>20,307</b>	<b>21,931</b>	<b>23,746</b>
Federal funds.....	2,078	3,508	5,889	6,469	7,120	7,358	7,179	7,288
Direct Federal.....	1,624	2,769	3,622	3,913	3,970	3,822	3,885	3,781
Federal grants-in-aid <sup>1</sup> .....	454	739	2,267	2,556	3,150	3,536	3,294	3,507
State and local funds.....	4,788	8,207	9,974	11,400	12,206	12,949	14,752	16,458
Federally owned.....	1,624	2,769	3,622	3,913	3,970	3,822	3,885	3,781
Buildings (excl. military).....	514	804	1,024	1,091	1,141	1,250	1,285	1,155
Residential.....	15	2	288	201	57	12	11	6
Industrial.....	224	721	407	422	458	400	365	374
Educational.....	-	6	20	29	26	24	15	13
Hospital.....	146	22	56	55	66	73	94	81
Other Federal buildings.....	129	53	253	384	534	741	801	681
Highways and streets.....	45	70	136	160	190	184	163	171
Military facilities.....	177	1,287	1,366	1,266	1,227	968	883	770
Conservation and development.....	881	598	1,005	1,297	1,333	1,369	1,502	1,656
Miscellaneous Federal construction.....	7	10	91	99	79	51	47	29
State and locally owned <sup>2</sup> .....	5,242	8,946	12,241	13,956	15,356	16,485	18,046	19,965
Buildings (excl. military).....	2,218	3,658	4,487	5,001	5,308	5,802	6,431	7,624
Residential.....	330	264	428	737	394	462	453	569
Educational.....	1,133	2,436	2,798	2,955	3,451	3,766	4,269	5,313
Hospital.....	353	278	345	342	337	367	400	382
Other State and local buildings.....	402	680	916	967	1,126	1,207	1,309	1,360
Highways and streets.....	2,089	3,782	5,301	6,205	6,901	6,960	7,379	8,103
Conservation and development.....	61	103	170	227	357	360	515	529
Other State and local construction.....	874	1,403	2,283	2,523	2,790	3,363	3,721	3,709
Sewer systems.....	383	615	882	1,072	947	1,325	1,194	1,308
Water supply facilities.....	276	470	605	682	882	956	1,266	1,065
Miscellaneous State and local construction.....	215	318	796	769	961	1,082	1,261	1,336

- Represents zero.

<sup>1</sup> Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities. <sup>2</sup> Beginning 1963, new series; see footnote 6, table 1068.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

## **No. 1072. FEDERAL EXPENDITURES FOR PUBLIC WORKS: 1955 TO 1968**

[In millions of dollars. For years ending June 30. Includes construction in outlying areas and U.S. Government owned construction in foreign countries. Differs from value-in-place data shown in table 1071 in geographic coverage (value-in-place series is limited to the United States), in timing (value in place usually precedes expenditures), and in system of classification. For description of each system of classification, see Department of Commerce, Bureau of the Census, *Construction Report C30-65S* and Executive Office of the President, Bureau of the Budget, *Budget of the United States Government, 1968*, Special Analysis F]

FUNCTION	1955	1960	1964	1965	1966	1967 est.	1968 est.
<b>Civil public works</b> .....	<b>1,716</b>	<b>5,011</b>	<b>6,999</b>	<b>7,521</b>	<b>7,742</b>	<b>7,491</b>	<b>7,310</b>
International affairs and finance.....	5	28	14	11	13	24	25
Space research and technology.....	<sup>1</sup> 22	54	438	531	572	280	160
Agriculture and agricultural resources.....	43	43	64	3	-3	60	73
Natural resources.....	830	1,123	1,625	1,700	1,993	2,055	2,208
Commerce and transportation.....	<sup>2</sup> 665	<sup>2</sup> 3,161	4,196	4,542	4,230	4,209	4,142
Housing and community development.....	-87	21	14	68	70	103	222
Health, labor, and welfare.....	38	131	148	181	173	256	307
Education.....	137	211	159	147	339	153	-212
Veterans benefits and services.....	33	60	73	84	87	71	90
General government.....	29	178	267	254	270	281	296
<b>National defense public works</b> .....	<b>2,408</b>	<b>1,835</b>	<b>1,347</b>	<b>1,366</b>	<b>1,686</b>	<b>1,805</b>	<b>1,809</b>
Military public works.....	1,612	1,618	1,139	1,156	1,506	1,670	1,648
Civil defense public works.....	( <sup>2</sup> )	( <sup>2</sup> )	6	3	4	5	6
Atomic energy facilities.....	787	218	202	206	176	130	155
Defense production expansion and other.....	8	-1	-	-	-	-	-

- Represents zero.

<sup>1</sup> Principally aeronautics programs. <sup>2</sup> "Civil defense public works" classified in "Civil public works" (Commerce and transportation); expenditures for such public works were less than \$500,000.

Source: Executive Office of the President, Bureau of the Budget; *The Budget of the United States Government*.



# **No. 1073. EXPENDITURES BY RESIDENTIAL PROPERTY OWNERS FOR IMPROVEMENTS AND MAINTENANCE AND REPAIRS: 1962 AND 1965**

[In millions of dollars, except averages. Expenditures for one type of construction work done incidental to another type are included under latter type. Data not available for 1964. Between 1963 and 1965, changes made in sampling and data collection methods; effect, if any, not known]

YEAR AND TYPE OF EXPENDITURE	All properties	1 to 4 unit properties with owner occupant	Other properties <sup>1</sup>	IMPROVEMENTS				Maintenance and repairs
				Additions and alterations			Replacements	
				Total	Residential structure	Other property		
1962								
All properties.....	11,024	7,105	3,919	4,442	3,512	930	1,739	4,843
Average per property.....	\$248	\$211	\$356	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning.....	887	674	213	242	242	(NA)	347	298
Plumbing.....	1,246	730	516	162	162	(NA)	429	655
Roofing.....	811	531	280	(NA)	(NA)	(NA)	483	328
Painting.....	2,076	1,295	781	(NA)	(NA)	(NA)	(NA)	2,076
Not specified.....	6,004	3,875	2,129	4,038	3,108	930	480	1,486
1965								
All properties.....	11,442	7,750	3,692	4,736	3,769	967	1,707	4,999
Average per property.....	\$253	\$220	\$367	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning.....	956	618	338	304	304	(NA)	438	214
Plumbing.....	1,216	674	542	183	183	(NA)	490	543
Roofing.....	690	444	246	(NA)	(NA)	(NA)	338	352
Painting.....	2,082	1,236	846	(NA)	(NA)	(NA)	(NA)	2,082
Not specified.....	6,498	4,778	1,720	4,249	3,282	967	441	1,808

NA Not available.

<sup>1</sup> 1 to 4 housing unit properties with no unit owner occupied and all properties with 5 housing units or more.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C50-10.

# **No. 1074. CONSTRUCTION MATERIALS—INDEXES OF WHOLESALE PRICES: 1950 TO 1966**

[1957-59=100. For discussion of wholesale price index, see text, p. 347]

COMMODITY	1950	1955	1960	1966	COMMODITY	1950	1955	1960	1966
<b>All construction materials.....</b>	<b>83.0</b>	<b>95.1</b>	<b>100.5</b>	<b>103.9</b>	<b>Metals and products—Continued</b>				
Lumber and wood products:					Enamelled iron fixtures.....	95.6	108.0	104.8	96.1
Softwoods:					Vitreous china fixtures.....	94.4	98.4	102.5	95.7
Douglas fir.....	97.4	108.1	99.0	107.3	Brass fittings.....	72.8	91.7	103.6	129.0
Southern pine.....	94.1	100.4	100.1	106.8	Heating equipment.....	86.7	95.0	98.1	92.5
Other softwoods.....	89.2	102.6	97.2	99.4	Steam and hot water equipment.....	73.5	89.0	102.9	102.6
Hardwoods.....	93.8	97.9	103.8	124.3	Metal doors, sash, and trim.....	79.0	100.2	95.3	94.2
Millwork.....	87.7	98.4	104.5	110.0	Nonmetallic mineral items:				
Plywood.....	108.4	107.4	97.8	92.8	Plate glass.....	78.1	92.8	96.4	79.8
Softwood.....	121.5	117.7	92.9	87.1	Concrete ingredients.....	77.1	90.2	102.7	103.9
Hardwood.....	96.7	97.9	102.8	99.0	Portland cement.....	72.1	87.7	103.5	101.5
Building paper and board.....	74.9	91.1	101.4	92.6	Concrete products.....	82.4	92.7	102.4	103.0
Prepared paint.....	77.8	89.7	100.7	106.8	Concrete pipe.....	73.4	89.8	104.4	97.4
Metals and products:					Structural clay products.....	71.7	89.3	103.1	106.4
Structural steel shapes.....	62.3	78.2	102.8	110.0	Gypsum products.....	80.0	93.4	101.9	102.4
Reinforcing bars.....	61.0	83.7	102.3	96.1	Asphalt roofing <sup>1</sup> .....	86.5	90.5	91.6	96.0
Black steel pipe, carbon.....	61.1	79.6	99.9	98.4	Insulation materials.....	97.9	103.2	100.7	89.8
Wire nails, 8d common.....	64.1	84.1	98.5	91.4	Linoleum, inlaid.....	77.3	93.7	104.6	(NA)
Copper water tubing.....	73.5	106.1	99.6	133.4	Asphalt floor tile.....	92.0	97.4	102.4	109.1
Building wire.....	73.1	103.9	99.1	156.6	Rubber floor tile.....	83.9	94.2	100.5	(NA)
Plumbing fixtures and brass fittings.....	84.5	98.0	103.1	108.4					

NA Not available.

<sup>1</sup> For 1960 and earlier years, "prepared asphalt roofing."

Source: Dept. of Labor, Bureau of Labor Statistics; Monthly and annual reports, *Wholesale Prices and Price Indexes*.



# No. 1075. COST INDEXES FOR CONSTRUCTION AND SELECTED COMPONENTS OF CONSTRUCTION: 1946 TO 1966

[1957-59=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these firms are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1957*, series N 85-102, for construction cost indexes on a 1947-49 base]

ITEM	1946	1950	1955	1960	1965	1966
Indexes of building materials prices and union wage scales:						
Wholesale prices of construction materials <sup>1</sup> .....	52.2	83.0	95.1	100.5	100.8	103.9
Union hourly wage scales in the building trades <sup>2</sup> .....	49.5	68.0	86.8	109.0	131.4	136.9
Construction cost indexes:						
Department of Commerce: Composite <sup>3</sup> .....	56	77	90	103	116	121
Bureau of Public Roads: Highways <sup>4</sup> .....	71.1	78.3	87.3	94.1	105.9	113.0
American Appraisal Company: Building construction <sup>5</sup> .....	48	73	89	106	121	127
Associated General Contractors of America: General construction <sup>6</sup> .....	52	71	88	107	123	127
E. H. Boeckh and Associates: <sup>7</sup>						
Small residential structures: Composite.....	57.4	80.3	92.4	104.2	115.2	120.1
Apartments, hotels, and office buildings: Composite.....	54.0	75.8	90.4	105.0	118.5	123.2
Commercial and factory buildings: Composite.....	53.0	74.0	89.5	104.7	117.2	122.2
Engineering News-Record: <sup>8</sup>						
Building construction.....	49.8	71.2	89.0	106.1	118.9	123.8
General construction.....	45.5	67.1	86.8	108.3	127.8	134.3
George A. Fuller Company: Commercial buildings <sup>9</sup> .....	55	72	88	108	124	127
Turner Construction Company: Building construction <sup>10</sup> .....	55	73	85	102	113	116
Whitman Requardt and Associates (Handy-Whitman Index): <sup>11</sup>						
Public-utility construction:						
Building.....	46	67	83	104	111	115
Gas plant.....	45	65	83	106	117	120
Electric light and power <sup>12</sup> .....	46	66	84	102	107	110

<sup>1</sup> Covers materials either (a) physically incorporated as integral part of a building or (b) normally installed during construction and not removable without seriously impairing building. Excludes consumer durables, such as kitchen ranges, refrigerators, etc. Beginning 1963, applies to Alaska and Hawaii; for treatment in index weights, see text, p. 347. Source: Dept. of Labor, Bureau of Labor Statistics.

<sup>2</sup> Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of July 1. Source: Dept. of Labor, Bureau of Labor Statistics, unpublished data.

<sup>3</sup> Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes, both private and government, used for different types of construction.

<sup>4</sup> Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete).

<sup>5</sup> Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes materials and labor prices for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit.

<sup>6</sup> Covers both building and nonbuilding construction. Wages and materials for 12 cities combined in 40-60 ratio. Wages are for hod carriers and common laborers only. Materials weighted: Sand, gravel, crushed stone, cement, common brick, and lumber, 1 each; hollow tile,  $\frac{1}{2}$ ; and structural and reinforcing steel (together)  $\frac{1}{2}$ . Excludes taxes and employee-benefit costs.

<sup>7</sup> Average of 20 cities for types shown. Weights based on surveys of actual building costs and vary with different types of structures. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. Unweighted averages from Boeckh series prepared by Dept. of Commerce, Bureau of the Census.

<sup>8</sup> Building construction index computed on basis of hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" x 4" lumber, 2,500 lb. of structural steel; and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. Not adjusted for changes in materials availability, competitive conditions, efficiency of plant and management, productivity, or related factors.

<sup>9</sup> Composite of 36 major cost elements in 3 commercial-type buildings including structural elements and elevators, wiring, plumbing, heating, and ventilating. Job costs include both skilled and unskilled labor, and series reflects employee-benefit costs.

<sup>10</sup> Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs.

<sup>11</sup> Based on data covering public utility construction costs (building construction, gas plant construction, and electric light and power construction) for 95 items in 6 geographic regions of the U.S. Job costs include both skilled and common labor. Indexes do not reflect tax payments nor employee-benefit cost. Dept. of Commerce, Bureau of the Census, has converted these series to a 1957-59 base, and combined the various items into a single index.

<sup>12</sup> As derived by Dept. of Commerce, Bureau of the Census; covers steam production plants only; excludes hydraulic plants.

Source: Dept. of Commerce, Bureau of the Census, except as noted. In Dept. of Commerce, Business and Defense Services Administration, *Construction Review*.

**No. 1076. CONSTRUCTION CONTRACTS—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1960 TO 1966**

[Value in millions of dollars; floor space in millions of square feet. Excludes Alaska and Hawaii. Includes new structures and alterations to existing structures (both value and floor area), and major alterations to existing structures which affect only valuation, since there is no additional floor area created by an "alteration" project]

CLASS OF CONSTRUCTION	VALUE OF CONSTRUCTION					FLOOR SPACE OF BUILDINGS <sup>1</sup>				
	1960	1963	1964	1965	1966	1960	1963	1964	1965	1966
<b>Total</b> .....	36,318	45,546	47,330	49,272	50,150	2,154	2,711	2,738	2,843	2,643
Nonresidential buildings:										
Commercial <sup>2</sup> .....	3,725	4,445	4,572	5,457	5,835	283	347	360	415	442
Industrial.....	2,114	2,274	2,970	3,064	3,623	178	187	239	265	312
Educational and science.....	3,005	3,314	3,554	4,164	4,939	196	197	202	225	245
Hospital.....	832	1,485	1,625	1,515	1,721	36	65	67	60	60
Public buildings.....	679	964	789	842	939	33	43	34	36	37
Religious.....	789	755	814	783	825	53	48	50	45	45
Social and recreational.....	631	648	599	800	855	44	38	36	47	47
Miscellaneous.....	464	493	598	596	656	31	32	36	38	40
Residential buildings.....	15,105	20,502	20,565	21,248	17,827	1,300	1,753	1,714	1,711	1,416
Nonbuilding construction.....	8,972	10,667	11,244	10,805	12,930	(X)	(X)	(X)	(X)	(X)

X Not applicable.

<sup>1</sup> Excludes floor space of public works and utilities, data for which are not available.

<sup>2</sup> Includes nonindustrial warehouses.

Source: F. W. Dodge Company, a division of McGraw-Hill, Inc., New York, N.Y. In *Dodge Construction Contract Statistics Service*.

**No. 1077. CONSTRUCTION CONTRACTS—INDEXES OF VALUE: 1940 TO 1967**

[1957-59=100. Indexes are derived from monthly figures of construction contracts reported by the F. W. Dodge Company, a division of McGraw-Hill, Inc. Reports covered 37 States and D.C. through 1955 and 48 States and D.C. thereafter]

YEAR	Total <sup>1</sup>	BUILDING		YEAR AND MONTH	Total <sup>1</sup>	BUILDING	
		Residential	Nonresidential			Residential	Nonresidential
1940.....	15	14	14	1966:			
1945.....	12	5	20	January.....	152	142	150
1949.....	44	50	40	February.....	157	147	179
1950.....	61	77	57	March.....	158	154	178
1951.....	63	66	75	April.....	161	143	189
1952.....	67	70	74	May.....	156	135	173
1953.....	69	68	77	June.....	147	126	179
1954.....	76	82	79	July.....	147	103	169
1955.....	91	97	94	August.....	139	107	170
1956.....	92	86	100	September.....	146	100	189
1957.....	93	87	101	October.....	139	92	182
1958.....	102	98	98	November.....	130	100	165
1959.....	105	115	102	December.....	133	96	167
1960.....	105	101	109	1967:			
1961.....	108	108	108	January.....	126	100	145
1962.....	120	121	116	February.....	143	109	186
1963.....	132	137	128	March.....	149	122	177
1964.....	137	137	139	April.....	138	111	184
1965.....	143	142	154	May.....	154	137	171
1966.....	145	119	173				

<sup>1</sup> Represents the sum of the value of residential building contracts, nonresidential building contracts, and nonbuilding construction contracts. The existence of very large individual projects in the nonbuilding series results in an irregular pattern that is not conducive to seasonal adjustment.

Source: F. W. Dodge Co., McGraw-Hill, Inc., New York, N.Y. In Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.



**No. 1078. VALUE OF CONSTRUCTION CONTRACTS, 1950 TO 1966, AND BY TYPE OF VALUATION, 1966, BY STATES**

[In millions of dollars. See headnote, table 1076. Represents value of construction in States in which work was actually done. Beginning 1960, shown on revised basis; therefore, not comparable with prior years]

STATE	1950	1955	1960	1964	1965	1966			
						Total	Non-residential	Residential	Non-building
<b>Total<sup>1</sup></b>	<b>14,501</b>	<b>23,745</b>	<b>36,318</b>	<b>47,330</b>	<b>49,272</b>	<b>50,150</b>	<b>19,393</b>	<b>17,827</b>	<b>12,930</b>
Alabama	227	320	467	744	679	733	235	266	233
Arizona	(NA)	(NA)	453	460	413	463	141	151	171
Arkansas	126	139	286	491	529	502	152	157	192
California	(NA)	(NA)	4,947	6,588	6,333	5,599	2,105	1,838	1,655
Colorado	(NA)	(NA)	461	676	585	583	209	249	125
Connecticut	290	565	618	807	799	956	405	352	199
Delaware	62	114	98	208	200	181	62	75	44
District of Columbia	97	119	222	272	310	265	153	67	45
Florida	532	1,047	1,443	2,235	1,890	2,055	585	1,033	437
Georgia	296	480	606	1,078	1,121	1,256	530	510	217
Idaho	(NA)	(NA)	115	174	187	251	35	48	167
Illinois	320	1,921	2,098	2,229	2,455	2,575	1,165	940	471
Indiana	339	649	803	1,097	1,332	1,282	560	366	356
Iowa	194	271	411	494	591	737	325	199	212
Kansas	214	512	462	501	473	471	146	181	145
Kentucky	191	375	486	638	691	802	289	257	255
Louisiana	311	612	579	996	1,190	1,110	334	375	402
Maine	40	154	116	144	151	170	67	60	43
Maryland	536	821	706	1,133	1,278	1,164	403	579	182
Massachusetts	486	759	764	1,083	1,093	1,222	558	436	227
Michigan	838	1,329	1,410	1,848	2,280	2,098	930	835	333
Minnesota	301	512	661	825	793	894	322	277	295
Mississippi	103	172	288	464	489	422	132	160	130
Missouri	368	688	807	1,190	1,129	1,229	407	429	393
Montana	(NA)	(NA)	133	186	219	220	46	48	126
Nebraska	106	221	288	332	360	373	129	117	127
Nevada	(NA)	(NA)	130	291	232	139	50	46	43
New Hampshire	34	86	103	121	150	197	71	49	77
New Jersey	748	1,010	1,235	1,609	1,541	1,651	719	616	316
New Mexico	(NA)	(NA)	220	322	377	422	93	81	248
New York	1,767	2,655	3,693	3,286	3,938	3,960	1,822	1,285	852
North Carolina	288	353	652	1,007	1,016	1,176	468	508	200
North Dakota	63	85	141	325	127	117	42	33	42
Ohio	978	2,035	1,924	2,347	2,497	2,720	1,099	951	670
Oklahoma	253	434	489	645	597	578	165	229	184
Oregon	(NA)	(NA)	365	497	586	535	156	193	186
Pennsylvania	1,138	1,539	1,439	1,992	2,118	2,239	1,040	663	536
Rhode Island	90	93	118	158	192	234	88	83	63
South Carolina	134	233	333	511	488	656	238	227	190
South Dakota	62	87	186	119	112	107	37	28	43
Tennessee	397	469	618	929	909	993	373	376	245
Texas	1,072	1,487	2,021	2,609	2,679	2,697	977	981	739
Utah	(NA)	(NA)	195	269	240	211	84	62	65
Vermont	21	35	51	67	106	123	53	29	42
Virginia	393	666	968	1,247	1,373	1,288	422	526	340
Washington	(NA)	(NA)	652	833	1,007	1,021	372	393	256
West Virginia	96	137	198	257	267	275	87	83	105
Wisconsin	332	562	753	855	1,034	1,065	488	358	219
Wyoming	(NA)	(NA)	121	143	117	132	22	21	90

NA Not available.

<sup>1</sup> Excludes Alaska and Hawaii. Total for 37 States and D.C. through 1955; 48 States and D.C. thereafter.

Source: F. W. Dodge Co., McGraw-Hill Inc., New York, N.Y. Figures reported currently in *Dodge Construction Contract Statistics Service*.



**NO. 1079. NEW HOUSING UNITS AUTHORIZED—NUMBER AND VALUATION, BY STATES: 1963 TO 1966**

[Based on a total of approximately 12,000 places identified in 1962 as having local building permit systems.  
Includes public housing contract awards]

STATE	NUMBER OF HOUSING UNITS				VALUATION (mil. dol.)			
	1963	1964	1965	1966 (prel.)	1963	1964	1965	1966 (prel.)
<b>United States.....</b>	<b>1,364,309</b>	<b>1,315,825</b>	<b>1,273,794</b>	<b>1,000,253</b>	<b>15,561</b>	<b>15,979</b>	<b>15,831</b>	<b>13,008</b>
<b>New England.....</b>	<b>59,831</b>	<b>71,058</b>	<b>69,303</b>	<b>57,855</b>	<b>705</b>	<b>809</b>	<b>842</b>	<b>747</b>
Maine.....	1,785	1,578	1,847	1,943	21	19	23	25
New Hampshire.....	3,069	3,198	3,579	3,549	37	40	46	45
Vermont.....	483	480	1,186	911	6	6	15	12
Massachusetts.....	30,231	35,942	31,737	25,282	345	378	374	330
Rhode Island.....	4,897	5,170	6,227	4,924	51	58	68	60
Connecticut.....	19,366	24,690	24,727	21,246	245	309	316	276
<b>Middle Atlantic.....</b>	<b>189,970</b>	<b>179,586</b>	<b>194,203</b>	<b>161,155</b>	<b>2,191</b>	<b>2,072</b>	<b>2,354</b>	<b>2,023</b>
New York.....	99,644	71,289	84,802	71,062	1,163	910	1,106	958
New Jersey.....	53,637	67,846	62,656	49,152	598	703	723	583
Pennsylvania.....	36,689	40,451	46,745	40,941	430	460	526	482
<b>East North Central.....</b>	<b>201,172</b>	<b>211,613</b>	<b>231,195</b>	<b>195,196</b>	<b>2,549</b>	<b>3,141</b>	<b>3,109</b>	<b>2,776</b>
Ohio.....	62,990	60,626	59,267	47,797	798	805	813	704
Indiana.....	23,768	24,593	27,367	22,969	278	289	323	284
Illinois.....	51,522	51,772	57,530	53,397	674	711	812	806
Michigan.....	41,348	48,971	59,640	50,447	540	668	824	705
Wisconsin.....	21,544	25,651	27,391	20,586	260	668	337	278
<b>West North Central.....</b>	<b>73,657</b>	<b>82,152</b>	<b>85,276</b>	<b>63,504</b>	<b>883</b>	<b>1,021</b>	<b>1,051</b>	<b>860</b>
Minnesota.....	21,096	21,476	20,104	14,435	263	287	268	210
Iowa.....	8,907	11,253	13,899	10,508	118	145	172	144
Missouri.....	24,251	29,420	29,070	22,518	265	341	349	299
North Dakota.....	2,125	1,977	2,016	1,396	27	26	28	20
South Dakota.....	1,668	1,538	1,835	1,012	19	19	20	13
Nebraska.....	7,074	7,133	7,813	5,114	78	78	82	59
Kansas.....	8,536	9,355	10,539	8,521	112	125	134	114
<b>South Atlantic.....</b>	<b>229,363</b>	<b>236,132</b>	<b>254,046</b>	<b>208,151</b>	<b>2,351</b>	<b>2,524</b>	<b>2,781</b>	<b>2,314</b>
Delaware.....	4,122	5,290	6,199	4,343	57	62	71	49
Maryland.....	46,743	41,763	52,354	43,997	451	443	555	479
District of Columbia.....	7,703	8,296	8,688	5,367	65	70	90	49
Virginia.....	43,430	47,033	50,687	34,154	454	522	557	389
West Virginia.....	2,309	2,405	2,518	2,448	29	30	34	30
North Carolina.....	15,667	18,221	20,689	19,167	172	197	237	227
South Carolina.....	6,283	7,531	8,273	7,329	61	86	90	82
Georgia.....	35,540	32,712	32,354	27,079	318	326	342	288
Florida.....	67,566	72,881	72,284	64,267	744	788	805	723
<b>East South Central.....</b>	<b>56,557</b>	<b>58,865</b>	<b>61,318</b>	<b>46,439</b>	<b>545</b>	<b>598</b>	<b>633</b>	<b>489</b>
Kentucky.....	12,453	15,575	17,322	10,306	139	173	186	120
Tennessee.....	18,829	20,547	22,257	18,630	160	185	208	176
Alabama.....	19,147	16,530	15,844	12,119	188	179	178	138
Mississippi.....	6,128	6,213	5,895	5,384	58	60	61	55
<b>West South Central.....</b>	<b>126,169</b>	<b>117,538</b>	<b>104,904</b>	<b>85,444</b>	<b>1,324</b>	<b>1,293</b>	<b>1,232</b>	<b>1,041</b>
Arkansas.....	7,045	7,379	8,478	5,597	79	85	95	69
Louisiana.....	15,629	17,052	18,676	15,554	204	213	230	207
Oklahoma.....	15,544	14,211	13,097	9,018	177	168	159	113
Texas.....	87,951	78,896	64,653	55,275	865	827	748	652
<b>Mountain.....</b>	<b>75,731</b>	<b>55,334</b>	<b>44,204</b>	<b>33,217</b>	<b>814</b>	<b>629</b>	<b>543</b>	<b>410</b>
Montana.....	1,737	1,460	1,760	1,307	21	18	21	14
Idaho.....	1,831	1,716	1,842	1,423	24	22	24	20
Wyoming.....	1,067	1,276	758	422	13	15	10	6
Colorado.....	18,118	17,058	16,001	13,144	208	199	190	156
New Mexico.....	6,989	5,715	4,377	2,693	77	68	58	39
Arizona.....	22,696	15,862	9,390	8,321	174	137	97	93
Utah.....	8,649	6,210	5,489	4,000	99	81	71	51
Nevada.....	14,644	6,037	4,587	1,907	198	89	73	32
<b>Pacific.....</b>	<b>351,859</b>	<b>303,547</b>	<b>229,345</b>	<b>149,292</b>	<b>4,199</b>	<b>3,892</b>	<b>3,285</b>	<b>2,347</b>
Washington.....	23,539	19,661	21,620	26,408	304	257	293	360
Oregon.....	13,918	14,367	14,200	12,391	153	170	168	154
California.....	305,524	260,197	180,197	99,083	3,636	3,349	2,652	1,663
Alaska.....	886	992	1,157	701	14	15	19	14
Hawaii.....	7,992	8,330	12,171	10,709	93	100	152	156

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, series C42, annual issues.

# No. 1080. NEW HOUSING UNITS AUTHORIZED—NUMBER AND VALUATION, SELECTED SMSA's: 1963 TO 1966

[Covers only permit-issuing places within standard metropolitan statistical areas (SMSA's); for definition, see text, p. 2. Includes public housing contract awards. Based on a U.S. total of approximately 12,000 places identified in 1962 as having local building permit systems]

AREA	NUMBER OF HOUSING UNITS				VALUATION (mil. dol.)			
	1963	1964	1965	1966 (prel.)	1963	1964	1965	1966 (prel.)
U.S., 12,000 place total.....	1,364,309	1,315,825	1,273,794	1,000,253	15,561	15,979	15,831	13,008
All SMSA's <sup>1</sup> .....	1,100,826	1,053,891	1,016,391	795,764	12,559	12,566	12,721	10,433
Central cities.....	423,895	393,927	357,584	279,547	4,369	4,229	4,008	3,241
62 selected SMSA's.....	909,945	834,878	769,801	597,262	10,324	9,903	9,711	7,896
Central cities.....	320,088	277,607	236,551	181,113	3,226	2,904	2,620	2,070
Akron, Ohio <sup>2</sup> .....	3,273	4,104	4,047	3,883	47	65	60	60
Anaheim-Santa Ana-Garden Grove, Calif. <sup>2</sup> .....	(X)	26,882	17,698	12,654	(X)	375	319	268
Atlanta, Ga.....	23,369	20,103	20,694	16,714	201	203	216	174
Baltimore, Md.....	14,836	15,373	14,872	15,870	163	164	168	166
Birmingham, Ala.....	4,586	3,340	4,051	3,658	45	38	49	43
Boston, Mass. <sup>2</sup> .....	14,215	20,296	14,110	10,639	166	204	171	148
Buffalo, N.Y.....	4,363	5,184	6,109	5,354	54	64	75	70
Chicago, Ill.....	39,999	38,262	41,626	39,600	523	531	596	607
Cincinnati, Ohio-Ky.-Ind. <sup>2</sup> .....	8,468	8,918	8,653	7,403	108	107	105	95
Cleveland, Ohio <sup>2</sup> .....	16,204	13,138	12,302	8,680	208	190	197	148
Columbus, Ohio <sup>2</sup> .....	10,590	8,114	8,354	6,360	120	26	111	92
Dallas, Tex.....	23,771	18,256	13,942	11,813	209	178	156	136
Dayton, Ohio <sup>2</sup> .....	7,397	8,809	8,139	5,970	89	105	101	85
Denver, Colo.....	12,098	9,594	8,368	8,970	140	115	102	108
Detroit, Mich.....	21,736	26,130	30,863	24,135	288	372	447	355
Fort Lauderdale-Hollywood, Fla.....	10,216	11,603	11,895	11,278	119	142	150	151
Fort Worth, Tex.....	5,860	7,240	6,073	4,557	58	69	66	52
Hartford, Conn. <sup>2</sup> .....	5,223	6,943	5,748	4,111	52	67	63	51
Honolulu, Hawaii.....	6,818	7,279	10,805	9,307	80	87	135	138
Houston, Tex.....	21,896	15,952	13,235	12,506	201	166	149	145
Indianapolis, Ind. <sup>2</sup> .....	6,940	8,046	9,480	9,039	68	85	96	92
Jacksonville, Fla.....	3,625	4,357	3,332	3,260	25	28	24	22
Kansas City, Mo.-Kans. <sup>2</sup> .....	9,133	12,295	12,004	9,377	109	160	148	119
Las Vegas, Nev.....	11,146	2,813	1,623	786	155	46	24	13
Los Angeles-Long Beach, Calif. <sup>2</sup> .....	141,499	89,019	52,011	20,973	1,709	1,152	771	376
Louisville, Ky.-Ind.....	6,277	7,786	9,102	4,689	68	80	84	50
Memphis, Tenn.-Ark. <sup>2</sup> .....	7,247	6,417	7,557	6,444	49	54	54	50
Miami, Fla.....	10,282	13,283	17,014	14,149	105	130	172	140
Milwaukee, Wis. <sup>2</sup> .....	7,172	9,502	9,382	6,730	85	121	118	89
Minneapolis-St. Paul, Minn.....	16,230	16,996	15,248	10,108	202	228	204	151
Nashville, Tenn. <sup>2</sup> .....	3,645	5,076	4,652	4,273	29	39	37	33
New Orleans, La. <sup>2</sup> .....	9,497	10,202	11,027	8,816	131	136	140	121
New York, N.Y.....	76,578	46,383	53,854	44,973	870	585	705	597
Newark, N.J.....	11,282	16,536	11,994	10,161	129	164	153	133
Newport News-Hampton, Va.....	3,669	4,467	4,067	2,292	40	43	38	22
Norfolk-Portsmouth, Va.....	6,272	8,116	6,412	3,654	73	97	80	48
Oklahoma City, Okla.....	9,561	8,299	6,867	4,007	114	101	88	53
Omaha, Nebr.-Iowa.....	3,845	4,005	4,838	2,870	37	38	42	28
Orlando, Fla.....	3,561	3,696	4,265	3,505	43	41	44	38
Paterson-Clifton-Passaic, N.J.....	9,255	9,291	8,376	7,180	116	118	111	94
Philadelphia, Pa.-N.J.....	25,561	29,045	30,033	27,001	266	285	305	274
Phoenix, Ariz.....	15,022	11,176	5,925	6,146	112	92	59	65
Pittsburgh, Pa.....	7,790	7,922	9,441	8,193	106	110	129	116
Portland, Oreg.-Wash.....	7,445	8,416	7,904	7,414	95	107	97	95
Providence-Pawtucket-Warwick, R.I.-Mass. <sup>2</sup> .....	4,506	5,356	6,219	4,818	51	61	70	58
Rochester, N.Y. <sup>2</sup> .....	5,332	6,119	7,370	5,784	71	90	111	96
Sacramento, Calif. <sup>2</sup> .....	12,349	9,127	7,600	4,922	120	107	101	71
St. Louis, Mo.-Ill. <sup>2</sup> .....	15,317	18,888	18,866	14,297	174	211	236	205
Salt Lake City, Utah <sup>2</sup> .....	5,677	4,314	3,484	2,063	61	58	46	27
San Antonio, Tex. <sup>2</sup> .....	4,968	5,089	4,321	4,439	41	43	39	44
San Bernardino-Riverside-Ontario, Calif.....	24,849	22,018	11,995	5,818	274	236	139	80
San Diego, Calif.....	12,770	13,906	9,471	7,436	164	176	134	110
San Francisco-Oakland, Calif. <sup>2</sup> .....	42,502	38,277	31,071	14,707	525	526	485	265
San Jose, Calif.....	21,376	14,731	10,414	6,709	248	195	164	120
Santa Barbara, Calif.....	6,448	2,988	3,338	1,591	83	42	39	28
Seattle-Everett, Wash. <sup>2</sup> .....	13,849	9,121	9,620	15,636	191	130	147	224
Syracuse, N.Y.....	3,045	3,081	3,498	4,244	35	34	39	49
Tacoma, Wash.....	3,086	2,886	3,077	2,735	36	36	38	36
Tampa-St. Petersburg, Fla.....	9,235	9,303	8,347	7,663	105	103	94	82
Tucson, Ariz.....	5,895	3,150	1,954	1,437	48	31	23	20
Washington, D.C.-Md.-Va.....	46,230	42,691	55,878	39,194	429	449	584	419
West Palm Beach, Fla.....	5,059	5,169	5,286	4,267	64	67	64	53

X Not applicable. <sup>1</sup> Includes 212 SMSA's established for 1963, 219 for 1964, 224 for 1965, and 228 for 1966.

<sup>2</sup> Year-to-year data not entirely comparable because of changes in area components.

Source: Dept. of Commerce, Bureau of the Census, *Construction Reports*, series C42, annual issues.



**No. 1081. NEW HOUSING UNITS STARTED, BY TYPE OF OWNERSHIP: 1945 TO 1966**  
 [In thousands of units. Excludes farm housing]

YEAR	Total	Private	Public	YEAR	Total	Private	Public
1945.....	326	325	1	1962.....	1,469	1,439	30
1950.....	1,952	1,908	44	1963.....	1,613	1,582	32
1955.....	1,646	1,627	19	1964.....	1,564	1,530	33
1960.....	1,274	1,230	44	1965.....	1,520	1,483	38
1961.....	1,337	1,285	52	1966.....	1,229	1,197	32

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C20 and *Housing Construction Statistics, 1889 to 1964*.

**No. 1082. NEW HOUSING UNITS STARTED—SELECTED CHARACTERISTICS: 1960 TO 1966**  
 [In thousands]

CHARACTERISTIC	ALL UNITS				NONFARM UNITS			
	1960	1964	1965 (prel.)	1966 (prel.)	1960	1964	1965 (prel.)	1966 (prel.)
<b>Total</b> .....	1,296	1,591	1,542	1,252	1,274	1,564	1,520	1,229
<b>By type of program:</b>								
Privately owned.....	1,252	1,557	1,505	1,220	1,230	1,530	1,483	1,197
With FHA aid.....	261	205	197	158	261	205	197	158
With VA aid.....	75	59	52	40	75	59	52	40
Publicly owned.....	44	33	38	32	44	33	38	32
<b>In structures with—</b>								
1 unit.....	1,009	973	964	795	987	946	941	771
2 units.....	51	62	57	46	51	62	57	46
3 units or more.....	237	556	522	411	237	556	522	411
<b>By area:</b> <sup>1</sup>								
Inside SMSA's.....	889	1,118	1,068	852	888	1,118	1,068	851
Outside SMSA's.....	407	472	475	400	386	446	453	378
<b>By region:</b> <sup>2</sup>								
Northeast.....	237	267	290	221	236	267	290	221
North Central.....	304	351	377	314	300	344	372	307
South.....	441	602	595	505	425	583	578	490
West.....	314	370	281	211	314	370	281	211

<sup>1</sup> For definition of standard metropolitan statistical area (SMSA), see text, p. 2. 1960 based on 1959 definitions; 1964 to 1966, on 1964 revision. <sup>2</sup> For composition of regions, see fig. I, p. xii.

**No. 1083. NEW HOUSING UNITS STARTED—NUMBER AND CONSTRUCTION COST: 1960 TO 1967**

YEAR AND MONTH	NUMBER (1,000)				COST (mil. dol.)				AVERAGE COST PER UNIT			
	Total	Privately-owned		Publicly-owned	Total	Privately-owned		Publicly-owned	Total	Privately-owned		Publicly-owned
		Total	1-unit structures			Total	1-unit structures			Total	1-unit structures	
<b>TOTAL</b>												
1960.....	1,296	1,252	995	44	16,357	15,831	13,647	528	12,625	12,650	13,725	12,025
1961.....	1,365	1,313	975	52	17,085	16,476	13,470	609	12,525	12,550	13,825	11,725
1962.....	1,492	1,463	992	30	18,720	18,373	14,194	347	12,550	12,550	14,325	11,700
1963.....	1,641	1,609	1,021	32	20,723	20,345	15,148	378	12,625	12,650	14,850	11,875
1964.....	1,591	1,557	972	33	20,787	20,375	14,997	412	13,075	13,075	15,425	12,400
1965 <sup>1</sup> .....	1,543	1,505	962	38	20,945	20,472	15,526	473	13,575	13,600	16,125	12,550
1966 <sup>1</sup> .....	1,252	1,220	794	32	17,915	17,516	13,399	400	14,300	14,350	16,875	12,600
<b>1967:</b>												
Jan.....	68	65	40	3	925	891	666	34	13,675	13,700	16,550	13,000
Feb.....	66	64	40	2	947	922	671	24	14,375	14,400	16,700	13,850
Mar. <sup>1</sup> .....	97	95	65	2	1,411	1,393	1,120	18	14,625	14,650	17,175	12,225
Apr. <sup>1</sup> .....	117	114	80	2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>NONFARM</b>												
1960.....	1,274	1,230	973	44	16,124	15,596	13,411	528	12,650	12,675	13,800	12,025
1961.....	1,337	1,285	946	52	16,740	16,132	13,126	609	12,525	12,550	13,875	11,725
1962.....	1,469	1,439	968	30	18,400	18,053	13,874	347	12,525	12,550	14,325	11,700
1963.....	1,613	1,582	993	32	20,358	19,980	14,783	378	12,625	12,625	14,875	11,875
1964.....	1,564	1,530	944	33	20,513	20,101	14,723	412	13,125	13,125	15,600	12,400
1965 <sup>1</sup> .....	1,520	1,483	941	38	20,694	20,221	15,273	473	13,625	13,650	16,250	12,550
1966 <sup>1</sup> .....	1,229	1,197	770	32	17,609	17,209	13,094	400	14,325	14,375	17,000	12,600
<b>1967:</b>												
Jan.....	66	64	39	3	909	875	651	34	13,700	13,750	16,725	13,000
Feb.....	65	63	39	2	937	913	661	24	14,475	14,500	16,950	13,850
Mar. <sup>1</sup> .....	94	93	63	2	1,380	1,362	1,090	18	14,650	14,675	17,300	12,225
Apr. <sup>1</sup> .....	115	113	78	2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Preliminary.

Source of tables 1082 and 1083: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C20. Includes data from Federal Housing Administration and Veterans Administration.



**No. 1084. ONE-FAMILY HOMES, FHA-INSURED MORTGAGES—PERCENT DISTRIBUTION BY VALUE AND MORTGAGE CHARACTERISTICS: 1950 TO 1966**

ITEM	NEW HOMES				EXISTING HOMES			
	1950	1960	1965	1966	1950	1960	1965	1966
<b>FHA estimate of value:</b>								
Less than \$10,000.....	79.5	2.7	1.0	0.7	64.9	17.0	8.9	9.3
\$10,000 to \$14,999.....	19.1	53.2	30.0	24.4	29.9	53.3	39.7	39.3
\$15,000 to \$19,999.....	1.2	37.6	48.9	49.9	4.5	24.8	37.9	36.7
\$20,000 and over.....	0.2	6.6	20.1	25.0	0.7	4.9	13.5	14.7
<b>Amount of mortgage:</b>								
Less than \$10,000.....	96.3	6.1	2.1	1.3	89.8	25.9	12.7	12.6
\$10,000 to \$14,999.....	3.5	65.6	39.7	33.4	9.5	57.2	45.7	44.2
\$15,000 to \$19,999.....	0.2	26.9	45.5	48.4	0.7	15.7	34.1	34.2
\$20,000 and over.....	-	1.4	12.7	16.9	-	1.2	7.5	9.0
<b>Ratio of loan to value:</b>								
80 percent or less.....	16.0	6.3	4.1	3.8	83.2	7.6	3.4	3.2
81 to 90.....	68.0	22.0	15.7	16.1	14.2	32.7	19.5	17.6
91 to 95.....	16.0	42.9	46.0	47.7	2.6	30.9	39.3	39.4
96 to 97.....	-	28.8	34.2	28.1	-	28.8	37.8	32.5
98 and over.....	-	-	-	4.3	-	-	-	7.3
<b>Term of mortgage:</b>								
10, 15, or 20 years.....	(NA)	1.8	0.5	0.4	(NA)	18.8	6.1	7.0
25 years.....	(NA)	12.1	3.0	2.5	(NA)	43.6	16.9	17.3
30 years.....	(NA)	86.1	59.2	88.6	(NA)	37.6	74.9	75.6
35 years.....	(NA)	-	37.3	8.5	(NA)	-	2.1	0.1
<b>Monthly mortgage payment:</b>								
Less than \$100.....	99.2	42.3	28.1	18.7	96.4	55.9	35.9	32.6
\$100 to \$119.....	0.6	35.5	30.8	27.9	2.5	25.3	26.3	24.9
\$120 to \$139.....	0.2	16.1	21.6	25.1	1.1	12.5	20.8	21.0
\$140 and over.....		6.1	19.5	28.3		6.3	17.0	21.5

- Represents zero. NA Not available.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; unpublished data.

**No. 1085. ONE-FAMILY HOMES, FHA-INSURED MORTGAGES—MEDIAN FOR SELECTED ITEMS OF VALUE AND COST: 1950 TO 1966**

[In dollars, except ratios. For definition of median, see headnote, table 8]

ITEM	NEW HOMES				EXISTING HOMES			
	1950	1960	1965	1966	1950	1960	1965	1966
<b>FHA estimate of value.....</b>	8,286	14,607	16,561	17,163	8,865	13,043	15,128	15,148
Acquisition cost.....	(NA)	14,606	16,523	17,173	(NA)	13,227	15,114	15,127
Sale price.....	(NA)	14,324	16,190	16,798	(NA)	12,975	14,733	14,793
Incidental costs.....	(NA)	286.05	376.20	393.88	(NA)	275.45	321.50	333.16
Ratio: Value/acquisition cost.....	(NA)	99.2	99.7	99.9	(NA)	98.1	99.5	99.7
<b>Mortgage amount.....</b>	7,101	13,569	15,574	16,140	6,801	11,978	14,232	14,322
Ratio: Mortgage/value.....	88.0	93.5	94.3	95.0	77.8	92.6	94.4	95.2
<b>Price of site.....</b>	(NA)	2,404	3,137	3,234	(NA)	2,285	2,955	2,949
Ratio: Site/value.....	(NA)	16.1	18.3	18.2	(NA)	16.8	19.0	19.0
<b>Monthly housing expense <sup>1</sup>.....</b>	75.41	128.98	144.32	155.08	78.99	121.41	140.90	145.72

NA Not available.

<sup>1</sup> Comprises mortgage payment for first year, estimated heating and utilities cost, and estimated upkeep.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; unpublished data.

No. 1086. ONE-FAMILY HOMES, FHA-INSURED MORTGAGES—SELECTED AVERAGE VALUE AND PAYMENT CHARACTERISTICS, BY PROPERTY VALUE: 1966  
[In dollars, except as indicated]

CHARACTERISTIC	T Total	FHA ESTIMATE OF PROPERTY VALUE										
		Less than \$8,000	\$8,000 to \$9,999	\$10,000 to \$11,999	\$12,000 to \$13,999	\$14,000 to \$15,999	\$16,000 to \$17,999	\$18,000 to \$19,999	\$20,000 to \$21,999	\$22,000 to \$24,999	\$25,000 to \$29,999	\$30,000 or more
NEW HOMES												
Value characteristics:												
FHA estimate of value.....	17,974	7,775	9,293	11,201	13,123	15,016	16,972	18,876	20,928	23,319	26,937	32,433
Replacement cost (FHA estimate).....	18,002	7,886	9,677	11,626	13,424	15,333	17,387	19,305	21,378	23,716	27,195	32,358
Acquisition cost.....	18,002	7,700	9,335	11,254	13,156	15,007	16,981	18,900	20,956	23,444	27,058	31,806
Calculated area.....square feet.....	1,210	700	841	955	999	1,073	1,191	1,320	1,423	1,510	1,586	1,661
Payment characteristics:												
Total fixed obligations.....	254.04	91.80	129.56	173.29	201.53	221.57	245.38	268.77	289.88	313.25	342.09	405.44
Housing expense.....	159.74	71.60	84.04	104.07	120.15	136.22	153.27	169.48	186.02	203.40	227.92	263.25
Mortgage payment.....	126.41	50.00	61.68	78.49	92.61	106.87	120.90	134.27	147.93	163.08	185.50	216.54
Debt service <sup>1</sup> .....	101.16	45.20	54.04	65.43	76.25	86.82	97.02	106.92	117.52	128.23	144.36	166.69
Hazard insurance.....	4.00	2.60	2.43	3.08	3.28	3.70	3.92	4.08	4.15	4.49	5.02	7.69
Real estate taxes.....	21.25	2.20	5.21	9.98	13.08	16.35	19.96	23.27	26.26	30.36	36.12	42.16
Maintenance and repair.....	9.66	5.00	6.02	7.04	7.53	7.98	9.05	10.29	11.63	12.60	13.83	15.07
Heating and utilities.....	23.67	16.60	16.34	18.54	20.01	21.37	23.32	24.92	26.46	27.72	28.59	31.64
Other recurring charges <sup>2</sup> .....	94.30	20.20	45.52	69.22	81.38	85.35	92.11	99.29	103.86	109.85	114.17	142.19
EXISTING HOMES												
Value characteristics:												
FHA estimate of value.....	15,531	7,160	9,076	11,023	13,011	14,968	16,931	18,839	20,902	23,237	26,872	32,824
Replacement cost (FHA estimate).....	17,632	10,632	12,038	13,535	15,205	16,855	18,742	20,749	22,645	25,003	28,655	34,497
Acquisition cost.....	15,501	7,179	9,076	11,023	13,029	15,006	16,967	18,871	20,998	23,285	26,785	31,914
Calculated area.....square feet.....	1,131	830	912	981	1,043	1,099	1,177	1,258	1,360	1,441	1,560	1,743
Payment characteristics:												
Total fixed obligations.....	243.50	158.83	180.95	199.75	219.15	237.07	258.18	277.91	298.43	320.38	354.49	408.75
Housing expense.....	148.70	87.15	99.57	113.97	129.06	144.59	160.43	175.66	192.56	207.98	232.86	269.84
Mortgage payment.....	116.29	60.07	71.75	84.97	99.03	113.43	127.30	140.62	154.55	167.95	189.10	221.52
Debt service <sup>1</sup> .....	90.16	47.09	56.66	66.85	77.72	88.24	98.21	107.96	118.22	128.79	145.00	168.19
Hazard insurance.....	3.60	2.71	2.94	3.20	3.32	3.53	3.70	3.80	4.08	4.40	4.98	8.11
Real estate taxes.....	22.53	10.27	12.15	14.92	17.99	21.66	25.39	28.86	32.25	34.76	39.12	45.22
Maintenance and repair.....	8.98	7.44	7.44	7.80	8.12	8.42	8.99	9.94	11.11	11.87	13.64	15.60
Heating and utilities.....	23.43	19.64	20.38	21.20	21.91	22.74	24.14	25.10	26.90	28.16	30.12	32.72
Other recurring charges <sup>2</sup> .....	94.80	71.68	81.38	85.78	90.09	92.48	97.75	102.25	105.87	112.40	121.63	138.91

<sup>1</sup> Comprises payments for first year to principal and interest, FHA mortgage insurance premium.

<sup>2</sup> Comprises payments to State income tax, life insurance premiums, compulsory payments to retirement funds, installment credit payments, etc., when likely to become a factor in determining the adequacy of the mortgager's income to meet mortgage and home upkeep requirements.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; unpublished data.

# NO. 1087. NEW PRIVATE NONFARM ONE-FAMILY HOUSES SOLD OR FOR SALE: 1964 TO 1967

[Based on monthly interviews with builders or owners of a national probability sample of 1-family homes for which building permits have been issued or, in nonpermit areas, on which construction has started. For details, see source. For definition of median, see headnote, table 8]

TYPE OF FINANCING AND PERIOD	NUMBER OF HOMES (1,000)					Median sales price (dollars)	Median number of months from start of construction to sale
	Total <sup>1</sup>	Sales price					
		Under \$15,000	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 and over		
HOMES SOLD							
Total: <sup>2</sup>							
1964.....	565	131	176	107	125	18,900	(NA)
1965.....	575	115	160	121	156	20,000	(NA)
1966.....	461	62	127	90	150	21,400	(NA)
Jan.-Mar.....	139	21	40	29	45	21,000	3.9
1967, Jan.-Mar. (prel.).....	103	12	22	20	31	22,100	3.9
FHA-insured:							
1964.....	120	51	48	14	5	15,600	(NA)
1965.....	134	47	56	22	8	16,500	(NA)
1966.....	85	23	37	15	9	17,500	(NA)
Jan.-Mar.....	32	9	14	6	3	17,300	4.0
1967, Jan.-Mar. (prel.).....	17	5	7	4	2	17,200	2.8
VA guaranteed:							
1964.....	53	20	22	8	2	16,200	(NA)
1965.....	40	10	16	9	4	17,900	(NA)
1966.....	50	10	22	12	5	18,000	(NA)
Jan.-Mar.....	11	2	4	3	2	18,900	3.6
1967, Jan.-Mar. (prel.).....	12	3	5	3	1	17,800	3.0
Conventional mortgage:							
1964.....	334	49	92	77	105	21,300	(NA)
1965.....	339	48	76	80	128	22,700	(NA)
1966.....	264	24	56	55	122	24,400	(NA)
Jan.-Mar.....	81	7	19	17	37	23,900	4.0
1967, Jan.-Mar. (prel.).....	47	3	8	12	24	25,300	5.0
HOMES FOR SALE <sup>3</sup>							
1963, Dec. 31.....	258	53	60	36	44	18,700	4.4
1964, Dec. 31.....	244	50	60	43	56	19,600	5.3
1965, Dec. 31.....	221	31	54	37	67	21,300	4.5
1966, Mar. 31.....	219	28	54	37	69	21,600	5.0
June 30.....	208	23	49	35	67	22,100	4.7
Sept. 30.....	195	21	42	34	67	22,700	5.5
Dec. 31.....	191	20	42	33	69	22,800	6.1
1967, Mar. 31.....	185	18	43	31	64	22,400	5.1

NA Not available. <sup>1</sup> Totals include homes with price data not reported.

<sup>2</sup> Includes homes with cash and related types of financing reported, and homes with type of financing not reported.

<sup>3</sup> Data refer to intended sales price and to median number of months from start of construction to end of quarter.

Source: Dept. of Commerce, Bureau of the Census, and Dept. of Housing and Urban Development, Office for Demonstrations and Intergovernmental Relations; *Construction Reports*, Series C25 (a joint publication).

# NO. 1088. MOBILE HOMES AND TRAVEL TRAILERS—MANUFACTURERS' SHIPMENTS: 1960 TO 1967

[A mobile home, or housing-type trailer, is a vehicular portable structure built on a chassis and designed to be used without a permanent foundation as a year-round dwelling when connected to utilities. Mobile homes are defined as units 29 feet or longer and weighing over 4,500 pounds; travel trailers, as units less than 29 feet long, regardless of weight, or weighing less than 4,500 pounds, regardless of length. Excludes units designed for commercial uses, pickup cabs, folding campers, and amphibious units]

YEAR AND MONTH	Total	Mobile homes	Travel trailers	Mobile homes as percent of total shipments
1960.....	144,000	103,700	40,300	72.0
1961.....	130,700	90,200	40,500	69.0
1962.....	175,000	118,000	57,000	67.4
1963.....	223,010	150,840	72,170	67.6
1964.....	281,690	191,320	90,370	67.9
1965.....	324,050	216,470	107,580	66.8
1966.....	340,000	217,300	122,700	63.9
1967:				
January.....	16,550	12,250	4,300	74.0
February.....	22,950	14,450	8,500	63.0
March.....	33,540	18,440	15,100	55.0
April.....	35,950	19,450	16,500	54.1

Source: Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.



# **No. 1089. VACANCY RATES—REGIONS, AND INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS: 1960 TO 1967**

[In percent. Based on Current Population Survey; see text, p. 1. Rental rate is relationship between vacant housing for rent and the total rental supply, which comprises renter-occupied units, vacant units already rented and awaiting occupancy, and vacant units available for rent. Home-owner rate is relationship between vacant housing for sale and the total home-owner supply, which comprises owner-occupied units, vacant units already sold and awaiting occupancy, and vacant units available for sale. For composition of regions, see fig. I, p. xii; for definition of standard metropolitan statistical areas, see text, p. 2; covers 212 SMSA's as constituted in 1960]

RATE AND YEAR	United States	REGIONS				Inside SMSA's	Outside SMSA's
		North-east	North Central	South	West		
<b>Rental vacancy rate:</b>							
1960, April.....	6.7	4.2	6.7	8.0	8.8	6.4	7.3
1965, 1st quarter.....	7.7	5.5	7.2	8.2	10.6	7.7	7.6
1966, 1st quarter.....	7.5	4.9	6.4	8.7	10.7	7.0	8.5
1967, 1st quarter.....	6.6	5.0	5.3	6.9	10.0	6.2	7.6
<b>Home-owner vacancy rate:</b>							
1960, April.....	1.6	1.2	1.3	1.8	2.0	1.7	1.3
1965, 1st quarter.....	1.5	0.9	1.2	1.9	1.9	1.5	1.5
1966, 1st quarter.....	1.4	0.8	1.0	1.8	2.1	1.4	1.4
1967, 1st quarter.....	1.3	0.9	1.0	1.7	1.8	1.2	1.4

# **No. 1090. VACANT HOUSING UNITS—CONDITION AND STATUS, INSIDE AND OUTSIDE STANDARD METROPOLITAN STATISTICAL AREAS: 1960 TO 1967**

[Percent distribution. See headnote, table 1089. For definition of standard metropolitan statistical areas, see text, p. 2; covers 212 SMSA's as constituted in 1960]

CONDITION AND STATUS	TOTAL				INSIDE SMSA'S			OUTSIDE SMSA'S		
	April 1960	1st qtr. 1965	1st qtr. 1966	1st qtr. 1967	April 1960	1st qtr. 1966	1st qtr. 1967	April 1960	1st qtr. 1966	1st qtr. 1967
<b>All housing units.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Year-round vacant:</b>										
Sound or deteriorating.....	5.2	6.9	7.1	6.9	4.9	6.4	6.0	5.8	8.3	8.5
For rent.....	2.5	2.8	2.7	2.3	2.6	2.8	2.4	2.2	2.4	2.1
For sale only.....	0.9	0.8	0.8	0.8	1.0	0.8	0.7	0.8	0.8	0.9
Rented or sold, awaiting occupancy.....	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.4
Held off market.....	1.5	2.9	3.2	3.4	0.9	2.3	2.4	2.4	4.8	5.1
Dilapidated.....	0.9	0.7	0.7	0.7	0.5	0.5	0.4	1.5	1.1	1.2
Seasonal vacant.....	3.0	3.1	2.9	2.7	1.2	1.0	0.9	6.0	6.1	5.9
Occupied.....	90.9	89.3	89.3	89.7	93.4	92.1	92.7	86.7	84.5	84.4

# **No. 1091. AVAILABLE VACANT HOUSING UNITS—SELECTED CHARACTERISTICS: 1965 TO 1967**

[Percent distribution. First quarter figures. See headnote, table 1089. For definition of median, see headnote, table 8]

ITEM	1965	1966	1967	ITEM	1965	1966	1967
<b>RENTAL UNITS</b>				<b>HOMEOWNER UNITS</b>			
<b>Units in structure.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>Units in structure.....</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 housing unit.....	28	30	31	1 housing unit.....	92	87	89
2 to 4 housing units.....	32	31	33	2 housing units.....	5	8	6
5 housing units or more.....	40	39	36	3 housing units or more.....	3	5	5
<b>Duration of vacancy.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>Duration of vacancy.....</b>	<b>100</b>	<b>100</b>	<b>100</b>
Less than 1 month.....	28	28	28	Less than 1 month.....	13	11	11
1 up to 2 months.....	14	14	13	1 up to 2 months.....	10	7	9
2 up to 4 months.....	18	18	17	2 up to 4 months.....	16	18	17
4 months or more.....	40	40	42	4 months or more.....	61	64	63
<b>Year built.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>Year built.....</b>	<b>100</b>	<b>100</b>	<b>100</b>
1949 or earlier.....	69	69	69	1949 or earlier.....	45	46	46
1950 to 1959.....	13	13	13	1950 to 1959.....	22	23	22
1960 or later.....	18	18	18	1960 or later.....	33	31	32
<b>Percent with all plumbing facilities.....</b>	<b>77</b>	<b>79</b>	<b>81</b>	<b>Percent with all plumbing facilities.....</b>	<b>90</b>	<b>92</b>	<b>91</b>
Median number of rooms.....	3.5	3.4	3.5	Median number of rooms.....	5.4	5.3	5.5
Median monthly rent asked.....	\$63	\$66	\$67	Median sale price asked.....	\$12,900	\$13,300	\$14,100

Source of tables 1089-1091: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111.

# No. 1092. VACANT RENTAL HOUSING UNITS—SELECTED CHARACTERISTICS: 1965 AND 1966

[Percent distribution. Second quarter figures. Excludes all available-for-rent vacant units on places of 10 acres or more in rural areas. See headnote, table 1089]

CHARACTERISTIC	MONTHLY RENT ASKED, 1965						MONTHLY RENT ASKED, 1966					
	Total	Less than \$30	\$30 to \$49	\$50 to \$69	\$70 to \$99	\$100 or more	Total	Less than \$30	\$30 to \$49	\$50 to \$69	\$70 to \$99	\$100 or more
Percent of total.....	100	10	20	23	22	25	100	10	20	24	24	22
Rooms in unit.....	100	100	100	100	100	100	100	100	100	100	100	100
1 and 2 rooms.....	24	45	39	24	15	13	23	41	40	21	16	10
3 and 4 rooms.....	56	43	44	59	62	61	56	48	43	58	63	61
5 rooms or more.....	20	12	17	17	23	26	21	11	17	21	21	29
Housing units in structure.....	100	100	100	100	100	100	100	100	100	100	100	100
1 housing unit.....	25	51	30	23	22	16	26	50	29	27	19	20
2 to 4 housing units.....	33	25	30	46	41	18	33	23	36	47	38	17
5 housing units or more.....	42	24	40	31	37	66	41	27	35	26	43	63
Duration of vacancy.....	100	100	100	100	100	100	100	100	100	100	100	100
Less than 1 month.....	32	21	29	35	40	32	36	25	29	36	40	42
1 up to 2 months.....	13	11	9	14	16	14	15	6	12	16	14	20
2 up to 4 months.....	15	11	12	14	14	19	15	10	14	16	15	16
4 months or more.....	40	57	50	36	30	35	34	59	45	32	31	22
Year built.....	100	100	100	100	100	100	100	100	100	100	100	100
1949 or earlier.....	65	88	92	86	62	19	67	73	93	87	64	22
1950 to 1959.....	13	11	7	11	19	14	14	6	10	19	19	19
1960 or later.....	22	1	1	3	19	67	19	7	1	3	17	59
Percent with all plumbing facilities.....	82	24	60	90	98	100	82	30	62	91	94	100

Source: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 41 and 45.

# No. 1093. LOW-RENT DWELLING UNITS SUPERVISED BY THE HOUSING ASSISTANCE ADMINISTRATION: 1950 TO 1966

[As of December 31. Includes Puerto Rico and Virgin Islands]

ITEM	1950 <sup>1</sup>	1955 <sup>1</sup>	1960		1965		1966		
			Total	Senior citizens <sup>2</sup>	Total	Senior citizens <sup>2</sup>	Total	Locally owned	Senior citizens <sup>2</sup>
Total.....	302,146	489,744	593,286	18,912	735,716	97,745	778,237	778,157	118,967
CONSTRUCTION STATUS									
Under management.....	201,736	413,558	478,153	1,133	604,878	36,157	635,879	635,799	52,217
Under construction.....	31,507	21,059	36,360	4,066	42,419	21,560	45,644	45,644	25,280
Not yet under construction.....	68,903	55,127	78,773	13,713	88,419	40,028	96,714	96,714	41,470
PROGRAM									
Public Law 171 <sup>3</sup> .....	101,657	270,335	385,924	18,912	532,991	97,745	576,581	576,581	118,967
Public Law 412 <sup>4</sup> .....	118,649	117,049	114,170	(X)	113,512	(X)	113,210	113,210	(X)
Public Law 671, 1940 <sup>5</sup> .....	50,594	49,356	46,843	(X)	46,547	(X)	46,543	46,543	(X)
Public Works Administration <sup>6</sup> .....	21,640	21,360	21,063	(X)	20,309	(X)	19,953	19,873	(X)
Farm labor camps <sup>7</sup> .....	9,606	9,037	583	(X)	-	(X)	-	-	(X)
Public Law 475, 1950 <sup>8</sup> .....	(X)	22,607	24,703	(X)	22,357	(X)	21,950	21,950	(X)

- Represents zero. X Not applicable.

<sup>1</sup> Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA), and homestead associations on which HAA has mortgages for collection.

<sup>2</sup> Covers units designed specifically for persons 62 years old or over or disabled.

<sup>3</sup> Housing Act of 1949. <sup>4</sup> U.S. Housing Act of 1937.

<sup>5</sup> Built for World War II defense workers, but majority converted to low-rent use in 1946.

<sup>6</sup> Built in mid-1930's and brought into low-rent program by Executive order.

<sup>7</sup> Built by Dept. of Agriculture for migrant farm workers; conveyed to HAA for low-rent use under terms of the Housing Act of 1950.

<sup>8</sup> Lanham Act permanent housing conveyed to local housing authorities for low-rent use during 1952 to 1957.

Source: Dept. of Housing and Urban Development, Housing Assistance Administration; *Annual Report*, and unpublished data.

**No. 1094. OCCUPIED HOUSING UNITS—TENURE, AND POPULATION PER OCCUPIED UNIT, BY COLOR OF HOUSEHOLD HEAD, AND BY NONFARM AND FARM RESIDENCE: 1890 TO 1960**

[In thousands, except percent. Excludes Alaska and Hawaii, except as noted. Tenure allocated for housing units which did not report. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series N 139-146]

YEAR, COLOR, AND RESIDENCE	OCCUPIED UNITS <sup>1</sup>					PERCENT INCREASE OVER PRECEDING CENSUS		Popula- tion per occupied unit <sup>2</sup>
	Total	Owner occupied		Renter occupied		Total occupied units	Total popula- tion	
		Number	Percent	Number	Percent			
<b>TOTAL</b>								
1890.....	12,690	6,066	47.8	6,624	52.2	(NA)	(NA)	5.0
1900.....	15,964	7,455	46.7	8,509	53.3	25.8	20.7	4.8
1910.....	20,256	9,301	45.9	10,954	54.1	26.9	21.0	4.5
1920.....	24,352	11,114	45.6	13,238	54.4	20.2	14.9	4.3
1930.....	29,905	14,280	47.8	15,624	52.2	22.8	16.1	4.1
1940.....	34,855	15,196	43.6	19,659	56.4	16.6	7.2	3.8
1950.....	42,826	23,560	55.0	19,266	45.0	22.9	14.5	3.5
1960.....	52,814	32,706	61.9	20,107	38.1	23.3	18.4	3.4
1960 <sup>3</sup> .....	53,024	32,797	61.9	20,227	38.1	23.4	18.5	3.4
<b>COLOR</b>								
<b>White</b>								
1890.....	11,255	5,794	51.5	5,462	48.5	(NA)	(NA)	4.9
1900.....	14,064	7,007	49.8	7,057	50.2	25.0	21.2	4.8
1910.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	22.3	(NA)
1920.....	21,826	10,511	48.2	11,315	51.8	(NA)	16.0	4.3
1930.....	26,983	13,544	50.2	13,439	49.8	23.6	16.3	4.1
1940.....	31,561	14,418	45.7	17,143	54.3	17.0	7.2	3.7
1950.....	39,044	22,241	57.0	16,803	43.0	23.7	14.1	3.5
1960.....	47,777	30,783	64.4	16,994	35.6	22.4	17.4	3.3
1960 <sup>3</sup> .....	47,880	30,823	64.4	17,057	35.6	22.5	17.5	3.3
<b>Nonwhite</b>								
1890.....	1,435	273	19.0	1,162	81.0	(NA)	(NA)	5.5
1900.....	1,900	448	23.6	1,452	76.4	32.4	17.1	4.8
1910.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11.5	(NA)
1920.....	2,526	603	23.9	1,923	76.1	(NA)	6.3	4.3
1930.....	2,922	737	25.2	2,185	74.8	15.7	14.7	4.3
1940.....	3,293	778	23.6	2,516	76.4	12.7	7.7	4.1
1950.....	3,783	1,319	34.9	2,464	65.1	14.9	17.1	4.2
1960.....	5,037	1,923	38.2	3,114	61.8	33.1	27.0	4.0
1960 <sup>3</sup> .....	5,144	1,974	38.4	3,171	61.6	33.0	26.7	4.0
<b>RESIDENCE</b>								
<b>Nonfarm</b>								
1890.....	7,923	2,924	36.9	4,999	63.1	(NA)	(NA)	(NA)
1900.....	10,274	3,790	36.9	6,484	63.1	29.7	(NA)	(NA)
1910.....	14,132	5,454	38.6	8,678	61.4	37.5	(NA)	(NA)
1920.....	17,600	7,189	40.8	10,411	59.2	24.5	(NA)	4.2
1930.....	23,300	10,721	46.0	12,579	54.0	32.4	25.0	4.0
1940.....	27,748	11,413	41.1	16,335	58.9	19.1	9.5	3.7
1950.....	37,105	19,802	53.4	17,304	46.6	33.7	25.8	3.4
1960 <sup>3 4</sup> .....	49,458	30,164	61.0	19,294	39.0	33.3	30.0	3.4
<b>Farm<sup>5</sup></b>								
1890.....	4,767	3,143	65.9	1,624	34.1	(NA)	(NA)	(NA)
1900.....	5,690	3,665	64.4	2,025	35.6	19.4	(NA)	(NA)
1910.....	6,124	3,847	62.8	2,276	37.2	7.6	(NA)	(NA)
1920.....	6,751	3,925	58.1	2,827	41.9	10.2	(NA)	4.7
1930.....	6,605	3,560	53.9	3,045	46.1	-2.2	-4.6	4.6
1940.....	7,107	3,783	53.2	3,324	46.8	7.6	0.2	4.3
1950.....	5,721	3,758	65.7	1,963	34.3	-19.5	-23.7	4.0
1960 <sup>3 4</sup> .....	3,566	2,633	73.8	933	26.2	-37.7	-41.7	3.8

NA Not available.

<sup>1</sup> Statistics on the number of occupied units are essentially comparable although identified by various terms—the term “family” applies to figures for 1930 and earlier; “occupied dwelling unit,” 1940 and 1950; and “occupied housing unit,” 1960. For 1890, 1910, and 1920, includes the small number of quasi-families; 1900 and 1930 represent private families only.

<sup>2</sup> Total population, which includes the population in group quarters and quasi-family groups, divided by the number of occupied units. This concept was used for consistency; population counts exclusive of persons in group quarters and quasi-family groups are not available for some of the census years.

<sup>3</sup> Includes Alaska and Hawaii.

<sup>4</sup> Not comparable with data for earlier censuses because of a basic change in definition of farm residence. See text, p. 2.

<sup>5</sup> For 1890 to 1920, “Farm” contains a small proportion of urban-farm families in addition to the rural-farm families.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, and unpublished data.



## No. 1095. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATES: 1960

[For definition of median, see headnote, table 8]

STATE	ALL HOUSING UNITS				OCCUPIED HOUSING UNITS					AVAILABLE VACANT HOUSING UNITS, RATE	
	Total (1,000)	Percent—			Total (1,000)	Percent—		Medians		Homeowner vacancy <sup>2</sup>	Rental vacancy <sup>3</sup>
		With all plumbing facilities <sup>1</sup>		Dilapidated or lacking 1 or more plumbing facilities		Owner occupied	Occupied by non-white	Rooms	Persons		
		Sound	Deteriorating								
United States	58,326	74.0	7.8	18.2	53,024	61.9	9.7	4.9	3.0	1.6	6.7
New England	3,522	78.7	7.6	13.7	3,116	59.1	2.3	5.2	3.0	1.4	5.4
Maine	365	61.2	7.2	31.5	280	66.5	0.4	5.4	3.0	1.6	6.8
N.H.	224	72.8	8.7	18.4	180	65.1	0.3	5.3	2.9	1.7	6.1
Vt.	136	68.4	10.7	20.9	111	66.0	0.1	5.8	3.0	1.5	6.2
Mass.	1,691	81.1	8.0	11.0	1,535	55.9	2.3	5.3	3.0	1.2	5.0
R.I.	287	78.7	6.6	14.7	257	54.5	2.0	5.1	2.9	1.2	6.6
Conn.	819	84.7	6.7	8.6	753	61.9	3.8	5.1	3.1	1.5	5.0
Middle Atlantic	11,277	81.2	8.4	10.4	10,406	55.2	7.7	5.1	2.9	1.2	3.8
N.Y.	5,696	81.3	8.9	9.8	5,249	44.8	3.3	4.7	2.8	1.2	3.2
N.J.	1,999	85.2	7.0	7.9	1,806	61.3	7.5	5.2	3.1	1.3	3.9
Pa.	3,582	78.7	8.5	12.7	3,351	68.3	7.0	5.6	3.0	1.1	5.5
E. N. Central	11,658	77.1	7.8	15.1	10,711	66.7	7.2	5.1	3.0	1.4	6.7
Ohio	3,041	77.6	8.2	14.2	2,853	67.4	7.3	5.3	3.0	1.5	6.6
Ind.	1,503	73.0	8.4	18.5	1,388	71.1	5.1	4.9	3.0	1.3	7.0
Ill.	3,276	78.0	7.4	14.6	3,085	57.8	9.4	4.9	2.9	1.2	5.6
Mich.	2,549	78.6	8.1	13.2	2,239	74.4	3.4	5.3	3.1	1.5	3.7
Wis.	1,289	75.0	6.9	18.1	1,146	68.6	1.8	5.3	3.0	1.2	5.4
W.N. Central	5,140	68.6	8.0	23.3	4,668	67.8	3.7	5.0	2.8	1.3	6.7
Minn.	1,119	70.4	6.4	23.1	992	72.1	1.0	5.2	3.0	1.1	6.0
Iowa	905	69.8	9.2	21.0	841	69.1	0.9	5.4	2.8	1.0	5.4
Mo.	1,491	65.8	7.3	26.9	1,360	64.3	8.2	4.7	2.7	1.6	7.1
N. Dak.	195	60.6	5.6	33.8	173	68.4	1.3	5.1	3.3	1.4	5.3
S. Dak.	216	61.5	7.6	31.0	195	67.2	2.4	5.2	3.1	1.1	5.6
Nebr.	473	72.3	9.1	18.6	433	64.8	2.1	5.1	2.8	1.1	6.0
Kans.	740	71.9	10.6	17.5	673	68.9	3.9	5.1	2.8	1.6	9.4
South Atlantic	8,033	67.2	6.4	26.4	7,267	61.0	19.0	4.9	3.1	1.9	7.6
Del.	144	80.3	6.5	13.2	129	66.9	12.2	5.7	3.1	1.9	8.5
Md.	935	81.4	6.7	11.8	863	64.5	14.3	5.5	3.2	1.8	6.2
D.C.	263	84.9	6.4	8.7	252	30.0	44.1	4.0	2.3	1.2	3.8
Va.	1,169	66.2	5.6	28.2	1,073	61.3	17.6	5.1	3.2	1.6	6.9
W. Va.	574	56.7	9.2	34.1	521	64.3	4.5	5.1	3.2	1.2	7.9
N.C.	1,323	57.1	6.4	36.5	1,205	60.1	20.8	4.9	3.3	1.1	6.4
S.C.	678	54.3	6.4	39.4	604	57.3	29.3	4.8	3.4	1.3	7.7
Ga.	1,170	58.4	6.7	34.9	1,070	56.2	24.6	4.8	3.2	1.6	5.9
Fla.	1,777	78.3	5.6	16.1	1,550	67.5	14.5	4.7	2.6	3.5	12.7
E. S. Central	3,606	53.0	6.7	40.3	3,307	61.8	19.5	4.7	3.2	1.3	6.3
Ky.	926	53.4	6.0	40.6	852	64.3	7.1	4.8	3.1	1.2	6.9
Tenn.	1,084	57.2	7.0	35.8	1,003	63.7	14.7	4.8	3.1	1.5	6.2
Ala.	967	53.5	7.1	39.4	884	59.7	25.8	4.8	3.2	1.6	6.8
Miss.	629	44.5	6.6	48.9	568	57.7	36.5	4.6	3.2	1.0	4.8
W.S. Central	5,534	64.8	9.3	25.9	4,929	63.7	14.9	4.7	3.0	2.0	9.6
Ark.	587	48.2	7.4	44.4	524	61.4	18.6	4.5	2.9	1.4	6.1
La.	978	60.9	8.1	31.0	892	59.0	28.4	4.5	3.2	1.8	7.2
Okla.	816	66.0	11.2	22.8	735	67.0	8.0	4.7	2.7	1.6	9.6
Tex.	3,153	68.8	9.6	21.6	2,778	64.8	11.7	4.7	3.0	2.2	11.1
Mountain	2,227	74.9	9.0	16.1	1,976	65.2	3.8	4.6	3.1	1.8	9.1
Mont.	233	68.0	10.1	21.9	202	64.0	2.3	4.5	2.9	1.4	9.3
Idaho	224	72.6	10.9	16.5	194	70.5	1.1	4.7	3.1	1.5	9.5
Wyo.	113	71.9	10.5	17.5	99	62.2	1.6	4.5	3.0	1.2	8.0
Colo.	595	76.4	8.2	15.4	529	63.8	2.7	4.8	2.9	1.7	8.1
N. Mex.	282	69.5	8.2	22.3	251	65.3	5.7	4.5	3.4	1.6	9.2
Ariz.	416	76.2	8.4	15.4	367	63.9	7.7	4.5	3.1	2.4	10.8
Utah	263	81.9	10.1	8.0	242	71.7	1.6	4.8	3.4	1.9	8.7
Nev.	102	80.9	7.7	11.4	92	56.3	5.7	4.2	2.6	1.7	8.4
Pacific	7,331	83.9	7.6	8.5	6,645	60.2	7.4	4.7	2.7	2.1	8.8
Wash.	1,010	78.4	9.8	11.8	894	68.5	2.9	4.9	2.7	1.8	11.8
Oreg.	623	76.6	11.1	12.2	558	69.3	1.7	4.9	2.7	1.6	9.2
Calif.	5,466	86.5	6.7	6.8	4,982	58.4	7.0	4.7	2.7	2.2	8.5
Alaska	67	57.7	9.3	32.9	57	48.3	16.3	3.7	3.1	1.8	6.8
Hawaii	166	69.6	10.2	20.2	153	41.1	64.1	4.5	3.7	1.1	4.1

<sup>1</sup> Includes hot and cold running water inside the structure, and flush toilet and bathtub or shower inside the structure for exclusive use of the people in the unit.<sup>2</sup> Base is total of units occupied by owners and available vacant units for sale.<sup>3</sup> Base is total of units occupied by renters and available vacant units for rent.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Vol. I.

## No. 1096. HOUSING UNITS—SELECTED CHARACTERISTICS: 1940 TO 1960

[Number in thousands. Prior to 1960, excludes Alaska and Hawaii, except for heating equipment, 1950. Data for 1940 represent a complete census count; 1950 data for water supply, toilet facilities, and bathing facilities represent a complete census count; data for all other 1950 items and all 1960 items are based on a 5-, 20-, or 25-percent sample of housing units. For a measure of the sampling variability, see source]

ITEM	1940		1950		1960	
	Number	Percent	Number	Percent	Number	Percent
All housing units with water supply.....	37,325	100.0	46,137	100.0	58,318	100.0
Hot and cold piped water inside structure.....	27,708	74.2	32,344	70.1	50,870	87.2
Only cold piped water inside structure.....	9,617	25.8	5,875	12.7	3,321	5.7
No piped water inside structure.....	37,325	100.0	46,137	100.0	58,318	100.0
All housing units with toilet facilities.....	37,325	100.0	46,137	100.0	58,318	100.0
Flush toilet, exclusive use.....	22,299	59.7	32,963	71.4	50,609	86.8
Flush toilet, shared.....	1,855	5.0	1,872	4.1	1,731	3.0
Other toilet facilities or none.....	13,172	35.3	11,302	24.5	5,978	10.3
All housing units with bathing facilities.....	37,325	100.0	46,137	100.0	58,318	100.0
Bathtub or shower, exclusive use.....	20,986	56.2	31,973	69.3	49,706	85.2
Bathtub or shower, shared.....	1,754	4.7	1,784	3.9	1,690	2.9
No bathtub or shower.....	14,585	39.1	12,379	26.8	6,922	11.9
All housing units with heating equipment.....	34,855	100.0	42,826	100.0	58,318	100.0
Steam and hot water.....	7,581	21.8	10,071	23.5	12,694	21.8
Warm air furnace, with ducts.....	5,844	16.8	11,508	26.9	18,355	31.5
Floor, wall, or pipeless furnace.....	1,218	3.5	11,508	26.9	6,528	11.2
Built-in electric units.....	(NA)	(NA)	(2)	(2)	745	1.3
Other means with flue.....	16,257	46.6	15,399	36.0	13,152	22.6
Other means without flue.....	(NA)	(NA)	5,268	12.3	5,825	10.0
Not heated.....	(NA)	(NA)	581	1.4	1,020	1.7
Occupied housing units with cooking fuel.....	34,855	100.0	42,826	100.0	58,318	100.0
Utility gas.....	17,026	48.8	22,085	51.6	27,296	51.5
Bottled, tank, or LP gas.....	1,865	5.4	3,417	8.0	6,491	12.2
Electricity.....	15,963	45.8	6,404	15.0	16,351	30.8
Other.....			10,921	25.5	2,884	5.4

NA Not available. <sup>1</sup> Represents all occupied units.

<sup>2</sup> Built-in electric units included with "Other means without flue." <sup>3</sup> Heating stove.

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. II, and *U.S. Census of Housing: 1950*, Vol. I, and 1960, Vol. I.

## No. 1097. HOMES WITH SELECTED ELECTRICAL APPLIANCES: 1953 TO 1967

[Number of wired homes in millions. As of January 1. Percentages based on total number of homes wired for electricity, except as noted]

PRODUCT	1953		1960		1965		1966		1967	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total number of wired homes.....	42.3	100.0	50.6	100.0	56.4	100.0	57.6	100.0	58.8	100.0
Air conditioners, room.....	0.6	1.3	6.5	12.8	11.4	20.2	13.9	24.2	17.6	29.9
Bed coverings.....	3.6	8.6	10.8	21.3	18.3	32.4	20.0	34.7	22.8	38.7
Blenders.....	1.5	3.5	3.8	7.5	6.2	11.0	7.5	13.0	9.4	16.0
Can openers.....	(NA)	(NA)	(NA)	(NA)	11.1	19.7	14.2	24.7	17.5	29.8
Coffeemakers.....	21.6	51.0	27.0	53.4	38.6	68.5	41.3	71.7	44.7	76.0
Dishwashers.....	1.3	3.0	3.2	6.3	6.7	11.8	7.8	13.5	9.2	15.7
Disposers, food waste.....	1.4	3.3	4.8	9.5	7.0	12.5	7.9	13.6	9.4	15.9
Dryers, clothes <sup>1</sup> .....	1.5	3.6	9.0	17.8	13.7	24.2	15.2	26.4	17.9	30.5
Freezers, home.....	4.9	11.5	11.2	22.1	13.1	23.2	13.9	24.2	15.1	25.7
Fry pans.....	(NA)	(NA)	20.6	40.7	26.2	46.4	27.8	48.2	29.6	50.3
Hotplates and buffet ranges.....	9.0	21.2	12.1	23.9	12.7	22.5	13.1	22.7	13.5	23.0
Irons, total.....	37.9	89.6	44.9	88.6	55.4	98.3	57.1	99.1	58.4	99.3
Steam and steam/spray.....	8.3	19.5	28.2	55.7	41.7	73.9	44.6	77.5	47.8	81.2
Mixers.....	12.6	29.7	27.0	53.4	39.7	70.4	41.9	72.8	44.7	76.0
Radio <sup>2</sup> .....	43.7	96.2	50.0	96.1	55.2	97.9	58.2	99.3	58.6	99.5
Ranges:										
Free-standing.....	10.2	24.1	14.5	28.7	17.0	30.1	17.7	30.7	19.1	32.4
Built-in.....	37.8	89.2	2.7	5.3	5.9	10.5	6.5	11.3	7.2	12.2
Refrigerators.....	37.8	89.2	49.6	98.0	55.5	98.3	57.3	99.5	58.6	99.6
Television:										
Black and white.....	19.8	46.7	45.5	89.9	53.1	94.1	55.9	97.1	57.6	97.8
Color.....	(X)	(X)	(NA)	(NA)	2.9	5.1	5.5	9.5	8.8	15.0
Toasters.....	30.0	70.9	40.2	79.4	45.8	81.1	48.1	83.6	50.8	86.3
Vacuum cleaners.....	25.1	59.4	36.7	72.5	45.8	81.2	48.1	83.5	53.3	90.6
Washers, clothes.....	32.2	76.2	47.1	93.1	45.0	79.7	46.9	81.4	51.9	88.2
Water heaters.....	5.8	13.8	9.4	18.6	13.1	23.2	13.5	23.4	14.5	24.7

NA Not available. X Not applicable. <sup>1</sup> Includes gas dryers.

<sup>2</sup> Prior to 1967, radio data based on total homes, as follows: 45,464,000 in 1953, 52,000,000 in 1960, 56,860,000 in 1965, and 58,566,000 in 1966.

Source: *Merchandising Week*, January issues. Published by Billboard Publishing Co., Inc., New York, N.Y.



No. 1098. HOUSING UNITS—TENURE, CONDITION AND PLUMBING, ROOMS, AND PERSONS PER ROOM: 1960

ITEM	Total units	Units occupied by nonwhite persons	ITEM	Total units	Units occupied by nonwhite persons
All housing units.....	58,323,672	5,152,658	ROOMS		
TENURE AND VACANCY STATUS			Units with—		
Owner-occupied units.....	32,796,087	1,974,218	1 to 3 rooms.....	11,704,403	1,660,714
Percent of all occupied.....	61.9	38.3	4 to 6 rooms.....	37,632,315	3,062,214
Renter-occupied units.....	20,224,974	3,178,440	7 or more rooms.....	8,986,954	429,730
Available vacant units.....	1,974,918	(X)	Median rooms per unit <sup>1</sup> .....	4.9	4.2
For rent.....	1,453,133	(X)	PERSONS		
For sale only.....	521,785	(X)	Occupied units with—		
Other vacant.....	3,327,693	(X)	1 person.....	7,405,473	811,082
CONDITION AND PLUMBING			2 persons.....	14,883,515	1,194,484
Sound.....	46,914,583	2,797,274	3 to 5 persons.....	24,712,632	2,025,541
With all plumbing facilities.....	42,605,333	2,217,045	6 or more persons.....	6,019,441	1,121,551
Lacking only hot water.....	504,450	580,229	Median rooms per unit <sup>1</sup> .....	2.9	3.2
Lacking private toilet or bath or running water.....	3,804,800		PERSONS PER ROOM		
Deteriorating.....	8,384,162	1,470,261	Occupied units with—		
With all plumbing facilities.....	4,766,330	626,990	1 person or less.....	46,890,754	3,695,715
Lacking only hot water.....	353,127	843,271	More than 1 person.....	6,130,307	1,456,943
Lacking private toilet or bath or running water.....	3,264,705				
Dilapidated.....	3,024,927	885,123			

X Not applicable. <sup>1</sup> For definition of median, see headnote, table 8.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Vol. I, *Congressional District Data Book*, and unpublished data.

No. 1099. RENTER-OCCUPIED NONFARM HOUSING UNITS—GROSS MONTHLY RENT: 1940 TO 1960

[Number in thousands. Prior to 1960, excludes Alaska and Hawaii. Contract monthly rent is the rent at the time of enumeration, as contracted for by the renter, regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services sometimes supplied. Gross monthly rent is contract monthly rent plus the reported average monthly cost of utilities (electricity, gas, water) and other fuels (such as coal, oil, kerosene, and wood) if these items were paid for by the renter, in addition to contract monthly rent. In 1940 and 1950, if furniture was included in the contract rent, the reported estimated rent of the housing unit without furniture was used for the computation rather than the contract rent. For definition of median, see headnote, table 8]

RENT	1940		1950		1960	
	Number	Percent	Number	Percent	Number	Percent
Total housing units.....	16,335	(X)	17,304	(X)	19,294	(X)
Number reporting gross monthly rent.....	15,144	100.0	15,190	100.0	17,908	100.0
Less than \$20.....	4,753	31.4	1,374	9.0	320	1.8
\$20 to \$29.....	3,606	23.8	2,176	14.3	736	4.1
\$30 to \$39.....	3,029	20.0	3,123	20.6	1,221	6.8
\$40 to \$49.....	1,967	13.0	3,105	20.4	1,755	9.8
\$50 to \$59.....	925	6.1	2,302	15.2	2,245	12.5
\$60 to \$69.....	741	4.9	2,681	17.7	2,555	14.3
\$70 to \$79.....					2,350	13.1
\$80 to \$89.....					3,490	19.5
\$90 to \$99.....					1,693	9.5
\$100 to \$119.....	123	0.8	429	2.8	1,544	8.6
\$120 or more.....						
Median rent.....	\$27	(X)	\$42	(X)	\$71	(X)
No cash rent.....	<sup>1</sup> 1,191	(X)	<sup>1</sup> 2,114	(X)	1,386	(X)

X Not applicable. <sup>1</sup> Includes units not reporting rental amount.

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. III, and *U.S. Census of Housing: 1950*, Vol. I, and 1960, Vol. I.



**No. 1100. OWNER-OCCUPIED NONFARM HOUSING UNITS—VALUE: 1950 AND 1960**

[Number in thousands. Prior to 1960, excludes Alaska and Hawaii. Data restricted to 1-housing-unit structures without business and with only 1 housing unit on property. Value represents the amount which the owner-occupant estimated that the property, including the structure and its land, would sell for under ordinary conditions and not at forced sale. For definition of median, see headnote, table 8]

VALUE	1950		VALUE <sup>1</sup>	1960	
	Number	Percent		Number	Percent
<b>Total housing units</b> -----	<b>15, 878</b>	<b>(X)</b>	<b>Total housing units</b> -----	<b>26, 172</b>	<b>(X)</b>
Number reporting-----	14, 974	100. 0	Owner occupied-----	26, 172	100. 0
Less than \$4,000-----	3, 117	20. 8	Less than \$5,000-----	3, 182	12. 2
\$4,000 to \$5,999-----	2, 392	16. 0	\$5,000 to \$7,499-----	3, 201	12. 2
\$6,000 to \$9,999-----	4, 731	31. 6	\$7,500 to \$9,999-----	3, 546	13. 5
			\$10,000 to \$12,499-----	4, 095	15. 6
\$10,000 to \$14,999-----	2, 995	20. 0	\$12,500 to \$14,999-----	3, 538	13. 5
\$15,000 to \$19,999-----	1, 008	6. 7	\$15,000 to \$17,499-----	2, 841	10. 9
\$20,000 or more-----	731	4. 9	\$17,500 to \$19,999-----	1, 882	7. 2
			\$20,000 to \$24,999-----	1, 900	7. 3
Median value-----	\$7, 400	(X)	\$25,000 to \$34,999-----	1, 227	4. 7
Not reported-----	905	(X)	\$35,000 or more-----	762	2. 9
			Median value-----	\$11, 900	(X)

X Not applicable.

<sup>1</sup> 1960 data collected on basis of intervals rounded to nearest \$100 (\$5,000 to \$7,400, \$7,500 to \$9,900, etc.).

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol. I.

**No. 1101. NONFARM OWNER-OCCUPIED DWELLING UNITS—MORTGAGE STATUS: 1890 TO 1960**

[Prior to 1960, excludes Alaska and Hawaii. Through 1920, mortgage data are for owner-occupied units in all types of structures; for 1940 and 1950, for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; and for 1960, for properties with 1 to 4 dwelling units. See also *Historical Statistics, Colonial Times to 1957*, series N 190-194]

CENSUS YEAR	Owner-occupied units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent	
1890-----	2, 923, 671	2, 923, 671	809, 933	27. 7	2, 113, 738
1900-----	3, 566, 809	3, 394, 967	1, 086, 605	32. 0	2, 308, 362
1910-----	5, 245, 380	5, 109, 916	1, 701, 062	33. 3	3, 408, 854
1920-----	7, 041, 283	6, 867, 546	2, 735, 662	39. 8	4, 131, 878
1940-----	11, 413, 036	10, 611, 259	4, 804, 778	45. 3	5, 806, 481
1950-----	19, 801, 646	17, 795, 844	7, 825, 116	44. 0	9, 970, 728
1960-----	27, 862, 329	27, 862, 329	15, 816, 132	56. 8	12, 046, 197

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol. V.

**No. 1102. MORTGAGED OWNER-OCCUPIED NONFARM PROPERTIES—MARKET VALUE, MORTGAGE DEBT, AND INTEREST RATE: 1890 TO 1960**

[Prior to 1960, excludes Alaska and Hawaii. For definition of median, see headnote, table 8]

ITEM	ALL PROPERTIES		1-DWELLING-UNIT PROPERTIES		
	1890	1920	1940	1950	1960
<b>MARKET VALUE AND OUTSTANDING MORTGAGE DEBT</b>					
Total number of properties-----	1,000	810	2, 855	4, 026	14,454
Number reporting value and debt-----	1,000	(NA)	2, 736	3, 745	14,454
Total value-----mil. dol.	2, 632	14, 099	16, 490	<sup>1</sup> 66, 443	<sup>1</sup> 219, 669
Total debt-----mil. dol.	1, 047	6, 000	8, 634	28, 566	108, 092
Average value-----dollars--	3, 250	4, 938	4, 403	9, 422	15, 200
Average debt-----dollars--	1, 293	2, 102	2, 305	4, 051	7, 500
Median ratio of debt to value-----	(NA)	(NA)	(NA)	43	53
<b>INTEREST RATE ON FIRST MORTGAGE LOAN (percent distribution)</b>					
<b>Total properties</b> -----	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>
Less than 4.0 percent-----			0. 8	2. 0	0. 8
4.0 percent to 4.4 percent-----	1. 7	2. 0	1. 9	24. 9	13. 9
4.5 to 4.9 percent-----			17. 3	20. 2	26. 7
5.0 percent-----	11. 0	8. 3	19. 8	22. 4	15. 1
5.1 to 5.9 percent-----	2. 3	5. 9	7. 7	2. 7	16. 3
6.0 percent to 6.9 percent-----	45. 7	59. 8	45. 6	25. 2	24. 8
7.0 percent to 7.9 percent-----	12. 5	12. 6	4. 5	1. 2	1. 5
8.0 percent or more-----	26. 8	11. 3	2. 5	1. 3	0. 9
Median interest rate-----	6. 0	6. 0	6. 0	5. 0	5. 1

NA Not available. <sup>1</sup> Estimated from midpoints of distribution.

Source: Prior to 1960, Ratcliff, Rathbun, and Honnold, *Residential Finance, 1950*, John Wiley and Sons, New York, N.Y.; thereafter, Dept. of Commerce, Bureau of the Census, *U.S. Census of Housing: 1960*, Vol. V.

No. 1103. CHARACTERISTICS OF FIRST MORTGAGE LOANS FOR PURCHASE OF SINGLE-FAMILY HOMES: 1965 TO 1967

[Percent, except as indicated. Monthly averages. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, life insurance companies, mortgage companies, commercial banks, and mutual savings banks]

LOAN CHARACTERISTIC	NEW HOMES					EXISTING HOMES				
	1965		1966		1967, Apr.	1965		1966		1967, Apr. <sup>1</sup>
	Apr.	Oct.	Apr.	Oct.		Apr.	Oct.	Apr.	Oct.	
Contract interest rate.....	5.74	5.75	5.99	6.32	6.38	5.89	5.87	6.09	6.49	6.36
Initial fees and charges <sup>2</sup> .....	0.51	0.53	0.57	0.80	1.00	0.49	0.48	0.54	0.71	0.73
Term to maturity..... years.....	24.9	24.8	24.6	23.6	23.7	20.4	19.9	20.6	19.2	20.9
Loans to price ratio.....	73.7	73.8	73.9	71.0	73.4	71.8	71.3	72.2	69.5	72.2
Purchase price..... \$1,000.....	24.9	25.1	25.1	27.3	25.9	19.6	19.6	20.3	20.4	21.9

<sup>1</sup> Not strictly comparable with data for earlier years because of technical changes in procedures for compiling averages. See Federal Home Loan Bank Board, monthly news release dated April 28-May 1, 1967 for discussion of changes. <sup>2</sup> Include only discounts and initial payments that provide additional income to lender; exclude reimbursable closing costs. Expressed as percent of principal mortgage amount.

Source: Federal Home Loan Bank Board; monthly news releases.

No. 1104. RESIDENTIAL LOANS UNDERWRITTEN BY FHA AND VA: 1940 TO 1966

[In millions of dollars. FHA-insured loans represent gross amount of insurance written; VA-guaranteed loans, gross amount of loans closed. Figures do not take account of principal repayments on previously insured or guaranteed loans. For VA-guaranteed loans, amounts by type are derived from data on number and average amount of loans closed. See also *Historical Statistics, Colonial Times to 1957*, series N 179-185]

LOAN	1940	1950	1955	1960	1962	1963	1964	1965	1966
FHA-insured loans.....	991	4,343	3,807	6,293	7,184	7,216	8,130	8,689	7,320
Home mortgages:									
New properties.....	588	1,637	1,269	2,197	1,849	1,664	1,608	1,705	1,729
Existing properties.....	175	856	1,816	2,403	3,421	3,905	4,965	5,760	4,366
Project type mortgages.....	13	1,157	76	711	1,079	843	895	591	583
Property improvement loans <sup>1</sup> .....	216	694	646	982	834	804	663	634	641
VA-guaranteed loans <sup>2</sup> .....	(X)	3,072	7,156	1,985	2,652	3,045	2,846	2,652	2,600
Home mortgages:									
New properties.....	(X)	1,865	4,582	1,554	1,357	1,272	1,023	876	980
Existing properties.....	(X)	1,202	2,564	428	1,292	1,770	1,821	1,774	1,618

X Not applicable. <sup>1</sup> Not ordinarily secured by mortgages. <sup>2</sup> Includes a small amount of alteration and repair loans, not shown separately; only such loans in amounts of more than \$1,000 need be secured.

Source: Board of Governors of the Federal Reserve System. Current data in *Federal Reserve Bulletin*.

No. 1105. HOME LOANS GUARANTEED BY VA—PERCENT DISTRIBUTION, BY SELECTED CHARACTERISTICS: 1955 TO 1966

[Covers veterans regardless of place of residence. Based on complete count of primary loans closed]

ITEM	NEW HOMES				EXISTING HOMES			
	1955	1960	1965	1966	1955	1960	1965	1966
PURCHASE PRICE								
All price ranges.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$3,000.....	2.1	0.1	0.1	0.1	18.4	15.7	4.2	3.8
\$3,000 to \$9,999.....	15.0	1.8	0.9	0.5	20.3	17.1	6.0	6.4
\$10,000 to \$11,999.....	29.8	11.5	4.2	3.2	22.2	18.4	10.4	10.9
\$12,000 to \$14,999.....	38.4	39.1	19.8	16.3	23.7	25.4	21.8	23.5
\$15,000 to \$19,999.....	13.0	39.8	43.8	44.2	12.1	18.0	35.2	34.9
\$20,000 and over.....	1.7	7.7	31.2	35.7	3.3	5.4	22.4	20.5
Average purchase price.....	\$12,476	\$15,327	\$18,338	\$18,971	\$11,343	\$12,238	\$16,371	\$16,091
MORTGAGE MATURITY								
All maturities.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25 years.....	5.3	1.4	0.9	0.6	50.5	43.0	9.1	8.7
25 years.....	32.7	3.9	2.3	1.7	37.6	31.3	17.0	16.6
26 to 30 years.....	62.0	94.7	96.8	97.7	11.9	25.7	73.9	74.7
DOWNPAYMENT STATUS								
All loans.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
With downpayments.....	46.6	30.2	24.4	25.8	80.3	66.5	31.1	30.2
With no downpayments.....	53.4	69.8	75.6	74.2	19.7	33.5	68.9	69.8

Source: Veterans Administration; *Loan Guaranty Highlights*.



# No. 1106. CHARACTERISTICS OF VA-GUARANTEED HOME LOANS, BY MONTHLY INCOME OF VETERAN HOME PURCHASERS: 1966

[Based on a 20-percent sample of loan applications submitted to the Veterans Administration for prior approval in 1966. Such loans currently constitute about 86 percent of all primary VA-guaranteed home loans]

ITEM	All incomes	MONTHLY INCOME (AFTER TAXES)				
		Less than \$300	\$300 to \$399	\$400 to \$499	\$500 to \$699	\$700 and over
New and existing homes (averages):						
Liquid assets of purchaser.....	\$2,085	\$755	\$825	\$1,285	\$2,170	\$4,635
Purchase price.....	\$16,905	\$9,470	\$11,805	\$14,620	\$18,370	\$23,170
Loan amount.....	\$16,585	\$9,370	\$11,700	\$14,410	\$18,000	\$22,540
Downpayment.....	320	100	105	210	370	630
Percent of purchase price.....	1.9	1.1	0.9	1.4	2.0	2.7
Percent of liquid assets.....	15.3	13.2	12.7	16.3	17.1	13.6
Monthly income after taxes.....	\$550	\$271	\$360	\$449	\$583	\$863
Monthly housing expense <sup>1</sup> .....	\$164	\$98	\$121	\$144	\$178	\$215
Percent of income after taxes.....	29.8	36.2	33.6	32.1	30.5	24.9
Percent of loans.....	100.0	100.0	100.0	100.0	100.0	100.0
New homes.....	35.4	12.8	22.6	30.7	39.9	48.0
Existing homes.....	64.6	87.2	77.4	69.3	60.1	52.0

<sup>1</sup> Repayments of mortgage principal and interest with an additional allowance for taxes, insurance, heat, utilities and maintenance.

Source: Veterans Administration; unpublished data.

# No. 1107. ESTIMATED NONFARM REAL ESTATE FORECLOSURES: 1930 TO 1966

[Excludes Alaska and Hawaii. Based on data from approximately 1,700 counties, cities, townships, or other government divisions. Represents number of properties acquired through foreclosure proceedings. Excludes voluntary deeds of sale in lieu of foreclosure and defaults on real estate contracts. See also *Historical Statistics, Colonial Times to 1957*, series N 189]

YEAR	Fore-closures	YEAR	Fore-closures	YEAR	Fore-closures
1930.....	150,000	1955.....	28,529	1962.....	86,444
1935.....	228,713	1958.....	42,367	1963.....	98,195
1940.....	75,556	1959.....	44,075	1964.....	108,620
1945.....	12,706	1960.....	51,353	1965.....	116,664
1950.....	21,537	1961.....	73,074	1966.....	117,473

Source: Federal Home Loan Bank Board; *Savings and Home Financing Source Book*.

# No. 1108. URBAN PLANNING ASSISTANCE PROGRAM—SUMMARY: 1954 TO 1966

[Includes Puerto Rico, Guam, and Virgin Islands. Planning grants are made to State planning agencies, and metropolitan, regional, or other qualified planning agencies]

ITEM	Cumulative total	NET CHANGE						
		1954-1960 <sup>1</sup>	1961	1962	1963	1964	1965	1966
Total grants approved <sup>2</sup> .....\$1,000	123,448	13,400	8,884	19,755	17,707	19,431	20,796	23,475
Disbursed.....\$1,000	91,325	8,894	3,571	10,243	13,446	16,463	17,172	21,536
Planning assistance for small areas: <sup>3</sup>								
Projects approved.....	1,648	312	144	249	246	226	272	199
Different localities involved.....	4,688	1,464	458	683	621	526	551	385
Planning assistance for localities in redevelopment areas: <sup>4</sup>								
Projects approved.....	426	(X)	26	72	56	57	58	157
Different localities involved.....	1,057	(X)	120	256	129	111	115	326
Planning assistance for metropolitan and regional areas:								
Projects approved.....	452	161	33	40	52	61	61	44
Different areas involved.....	211	102	21	9	20	20	22	17
Statewide and interstate planning: <sup>5</sup>								
Projects approved.....	116	12	13	17	14	18	21	21
Different States involved.....	44	10	6	7	3	6	5	7
Planning assistance for other areas: <sup>6</sup>								
Projects approved.....	68	8	1	4	1	1	24	29
Different areas involved.....	69	10	2	5	1	1	25	25
Advisory services to small communities: <sup>7</sup>								
Projects approved.....	33	(X)	(X)	(X)	1	16	9	7
Different States involved.....	24	(X)	(X)	(X)	1	12	8	3

X Not applicable.

<sup>1</sup> First approval under this program took place in November 1954.

<sup>2</sup> Represents the Federal contribution to defray the costs of urban planning authorized by the program.

<sup>3</sup> Cities, counties, and other areas with population of less than 50,000.

<sup>4</sup> Program started in 1961. <sup>5</sup> Program started in 1960.

<sup>6</sup> Areas with population of 50,000 or more, major disaster areas, and Federally impacted areas.

<sup>7</sup> Program started in 1963.

Source: Dept. of Housing and Urban Development, Metropolitan Development; *Annual Report*.



## No. 1109. URBAN RENEWAL PROGRAM—SUMMARY: 1949 TO 1966

[Money figures in thousands of dollars. Includes Puerto Rico and Virgin Islands. Represents Federal grant assistance to localities by the Renewal Assistance Administration for urban renewal activities]

ITEM	Cumulative total	NET CHANGE						
		1949-1960	1961	1962	1963	1964	1965	1966
<b>Grant authority reserved <sup>1</sup></b> .....	5,759,537	1,875,055	606,048	552,630	671,640	607,426	672,162	774,576
Urban renewal projects <sup>2</sup> .....	5,683,769	1,869,601	602,581	547,523	667,558	601,286	664,420	730,800
Code enforcement projects <sup>3</sup> .....	35,497	(X)	(X)	(X)	(X)	(X)	(X)	35,497
Community renewal programs <sup>4</sup> .....	27,264	2,664	2,571	4,860	3,606	5,656	3,760	4,147
Demolition projects <sup>5</sup> .....	6,464	(X)	(X)	(X)	(X)	(X)	3,058	3,406
Demonstration grants .....	6,543	2,790	896	247	476	484	924	726
<b>URBAN RENEWAL PROJECTS <sup>2</sup></b>								
Localities participating .....	846	475	65	96	76	53	31	50
Total projects .....	1,812	838	174	198	192	143	154	113
Completed .....	289	41	24	21	32	56	53	62
Active .....	1,523	797	150	177	160	87	101	51
Execution .....	979	444	74	70	83	125	98	85
Planning .....	544	353	76	107	77	-38	3	-34
Capital grants:								
Grants disbursed to projects .....	1,725,391	364,818	147,463	188,243	176,258	243,972	277,736	326,901
Grants disbursed to repay advances .....	16,229	3,441	1,109	841	1,269	2,393	3,646	3,530
<b>CODE ENFORCEMENT PROJECTS <sup>3</sup></b>								
Localities participating .....	32	(X)	(X)	(X)	(X)	(X)	(X)	32
Total projects .....	32	(X)	(X)	(X)	(X)	(X)	(X)	32
Grants disbursed .....	1,930	(X)	(X)	(X)	(X)	(X)	(X)	1,930
<b>COMMUNITY RENEWAL PROGRAMS <sup>4</sup></b>								
Localities participating .....	164	7	34	39	27	17	22	18
Grants disbursed .....	18,189	235	942	2,450	3,579	4,091	3,316	3,576
<b>DEMOLITION PROJECTS <sup>5</sup></b>								
Localities participating .....	31	(X)	(X)	(X)	(X)	(X)	3	28
Projects approved .....	34	(X)	(X)	(X)	(X)	(X)	3	31
Grants disbursed .....	346	(X)	(X)	(X)	(X)	(X)	(X)	346
<b>DEMONSTRATION GRANTS</b>								
Projects approved .....	74	34	8	3	2	7	12	8
Grants disbursed .....	4,469	1,787	352	425	351	375	440	739

X Not applicable.

<sup>1</sup> Represents Federal contribution in the form of project grants, relocation grants, rehabilitation grants and planning advances not collected from terminated projects.

<sup>2</sup> First approval under this program took place in March 1950.

<sup>3</sup> First approval under this program took place in January 1966.

<sup>4</sup> First approval under this program took place in August 1960.

<sup>5</sup> First approval under this program took place in November 1965.

Source: Dept. of Housing and Urban Development, Renewal Assistance Administration; *Annual Report*, and unpublished data.

## Section 29

### Manufactures

This section presents measures of the manufacturing segment of the economy and its component inputs and outputs. The input data include figures for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; and water use. The output data include figures for value and quantity of production and shipments; and value added by manufacture. Both types of data are shown for manufacturing as a whole, for major product groups, and for specific selected products.

The principal sources of these data are the reports of the Census of Manufactures conducted periodically by the Bureau of the Census; the same agency's *Annual Survey of Manufactures*; and its *Current Industrial Reports* series which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin*. Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as Bureau of Labor Statistics, Statistical Reporting Service of the Department of Agriculture, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service; and by private research or trade associations such as the American Iron and Steel Institute, the National Cannery Association, and the National Association of Hosiery Manufacturers.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, and the Federal Trade Commission. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or because of their competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

**Censuses and annual surveys.**—The first Census of Manufactures covered the year 1809. Thereafter, a census was taken at 10-year intervals to 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and at 2-year intervals from 1921 through 1939. It was suspended during the war period until the 1947 Census. Thereafter, censuses were taken covering 1954, 1958, and 1963. Recent legislation provides for a quinquennial census to be conducted for years ending in "2" and "7." Thus, the next census will be conducted in 1968 covering manufactures during 1967.

The *Annual Survey of Manufactures*, conducted for the first time in 1949, carries forward, for the intercensal years, measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It provides statistics on employment, payrolls, value added by manufacture, inventories, and new capital expenditures for industry groups, individual industries, geographic divisions, States, and large standard metropolitan statistical areas.

The most recent annual survey is based on a sample of about 60,000 of an approximate total of 300,000 manufacturing establishments. It comprises all large plants, which account for approximately two-thirds of total manufacturing employment in

the United States, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

**Establishments and classification.**—The 1947, 1954, 1958, and 1963 Censuses of Manufactures covered operating manufacturing establishments as defined in the *Standard Industrial Classification Manual* issued by the Bureau of the Budget. Reports were required from all establishments employing one or more persons at any time during the census year. Each of the establishments tabulated was classified in one of the more than 400 manufacturing industries as defined by the Standard Industrial Classification system. This system defines an industry as a number of establishments producing a single product or a closely related group of products. An establishment is classified in a particular industry if its production of this product or product group exceeds in value its production of any other product group. In a few instances, the industry classification of an establishment is determined not only by its product group but also by the processes employed in making the products.

Final reports of the 1958 Census of Manufactures present data based on the classifications in the 1957 edition of the *Standard Industrial Classification Manual* and include 1954 data converted to the same basis. Selected industries were reclassified for the 1963 Census. Wherever possible, the corresponding 1958 data were revised to a comparable basis. Because of the revisions in classification, 1954, 1958, and 1963 Census data for some industries and industry groups are not comparable with figures for prior years. The 1967 edition of the *Standard Industrial Classification Manual* was issued in early 1967.

While some establishments produce only the products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of products primary to the industry.

The 1947, 1954, 1958, and 1963 Censuses were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for the annual surveys as for the Census of Manufactures. Consequently, these series may be considered comparable, except for the changes brought about by the revisions in the industry classification system noted above. However, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the fifteenth of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. The 1954 figures are an average of reported employment totals for the four specified months, except for highly seasonal industries, where a 12-month average was obtained. For 1958 and 1963, averages of production workers for the four specified months plus the March figure for "all other employees" were used for all industries. Figures for 1947 exclude data for central administrative offices and auxiliary establishments of manufacturing concerns, which are included in the statistics for later years.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



## Technical Note—Annual Survey of Manufactures

The annual survey estimates vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation is given in the table column captioned "Standard error." The standard error should be interpreted to mean that the sample estimates will differ from complete canvass totals by *less than*: (1) The percentage shown in approximately 2 cases out of 3; (2) twice the percentage shown in approximately 19 cases out of 20; and (3) three times the percentage shown in almost every case. It should be noted that standard errors are shown only for selected items. The standard errors of other measures are usually of the same general magnitude.

In making any study of the trend, it is important to take account of the effect of the sampling variation on the apparent increase or decrease shown between years. In addition to sampling errors, individual figures may be subject to biases arising from undetected response or procedural errors which are not reflected in the "standard errors." Figures are enclosed by parentheses in the original source volumes if (1) the standard error of the estimate exceeds 15 percent, or (2) survey estimates are inconsistent with other Census series and related data. Any estimate which can be derived by subtraction of one published figure from another may have a standard error considerably in excess of 15 percent.

## No. 1110. MANUFACTURES—SUMMARY: 1947 TO 1965

[Prior to 1958, excludes Alaska and Hawaii. Except as noted, figures are estimates based on sample; see text, pp. 735-737. Covers all establishments employing 1 or more person at any time during year. See also *Historical Statistics, Colonial Times to 1957*, series P 1-8]

YEAR	OPERATING ESTABLISHMENTS		Pro-prietors and firm members	ALL EMPLOYEES <sup>1</sup>		PRODUCTION WORKERS			Value added by manufac-ture <sup>3</sup>
	Total	With 20 or more employees		Number (average for year) <sup>2</sup>	Salaries and wages	Number (average for year)	Man-hours	Wages	
			1,000	1,000	Mil. dol.	1,000	Millions	Mil. dol.	Mil. dol.
1947 <sup>4</sup> .....	240, 807	(NA)	189	14, 294	39, 696	11, 918	24, 316	30, 244	74, 290
1950 .....	260, 000	(NA)	(NA)	14, 770	47, 893	11, 779	23, 717	34, 600	89, 750
1953 .....	285, 000	(NA)	(NA)	17, 093	68, 590	13, 501	27, 066	48, 979	121, 659
1954 <sup>4</sup> .....	286, 814	90, 470	198	16, 126	65, 977	12, 373	24, 341	44, 595	117, 032
1955 .....	283, 047	(NA)	(NA)	16, 819	72, 126	12, 957	25, 909	49, 230	135, 023
1956 .....	(NA)	(NA)	(NA)	17, 177	77, 048	13, 134	26, 099	52, 054	144, 909
1957 .....	(NA)	(NA)	(NA)	17, 105	79, 354	12, 842	25, 218	52, 583	147, 838
1958 <sup>4</sup> .....	<sup>5</sup> 303, 405	<sup>5</sup> 97, 593	186	16, 025	78, 326	11, 666	22, 672	49, 575	141, 500
1959 .....	(NA)	(NA)	(NA)	16, 662	85, 642	12, 265	24, 431	54, 681	161, 315
1960 .....	(NA)	(NA)	(NA)	16, 763	88, 087	12, 212	24, 180	55, 547	164, 003
1961 .....	(NA)	(NA)	(NA)	16, 331	88, 128	11, 778	23, 281	54, 743	164, 179
1962 .....	(NA)	(NA)	(NA)	16, 766	94, 291	12, 130	24, 273	59, 129	179, 290
1963 <sup>4</sup> .....	<sup>5</sup> 311, 921	<sup>5</sup> 102, 272	169	16, 961	99, 904	12, 232	24, 509	62, 094	192, 103
1964 .....	(NA)	(NA)	(NA)	17, 269	106, 048	12, 403	25, 245	65, 839	206, 194
1965 .....	(NA)	(NA)	(NA)	17, 987	113, 942	12, 978	26, 397	71, 096	225, 366

NA Not available.

<sup>1</sup> Includes data for employees of manufacturing establishments engaged in distribution and construction work. Beginning 1950, includes administrative offices, and units auxiliary to manufacturing.

<sup>2</sup> Data for all industries in 1950-1953 and 1955-1957, and for most industries in 1954, are based on pay periods ending nearest 15th of March, May, August, and November. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures.

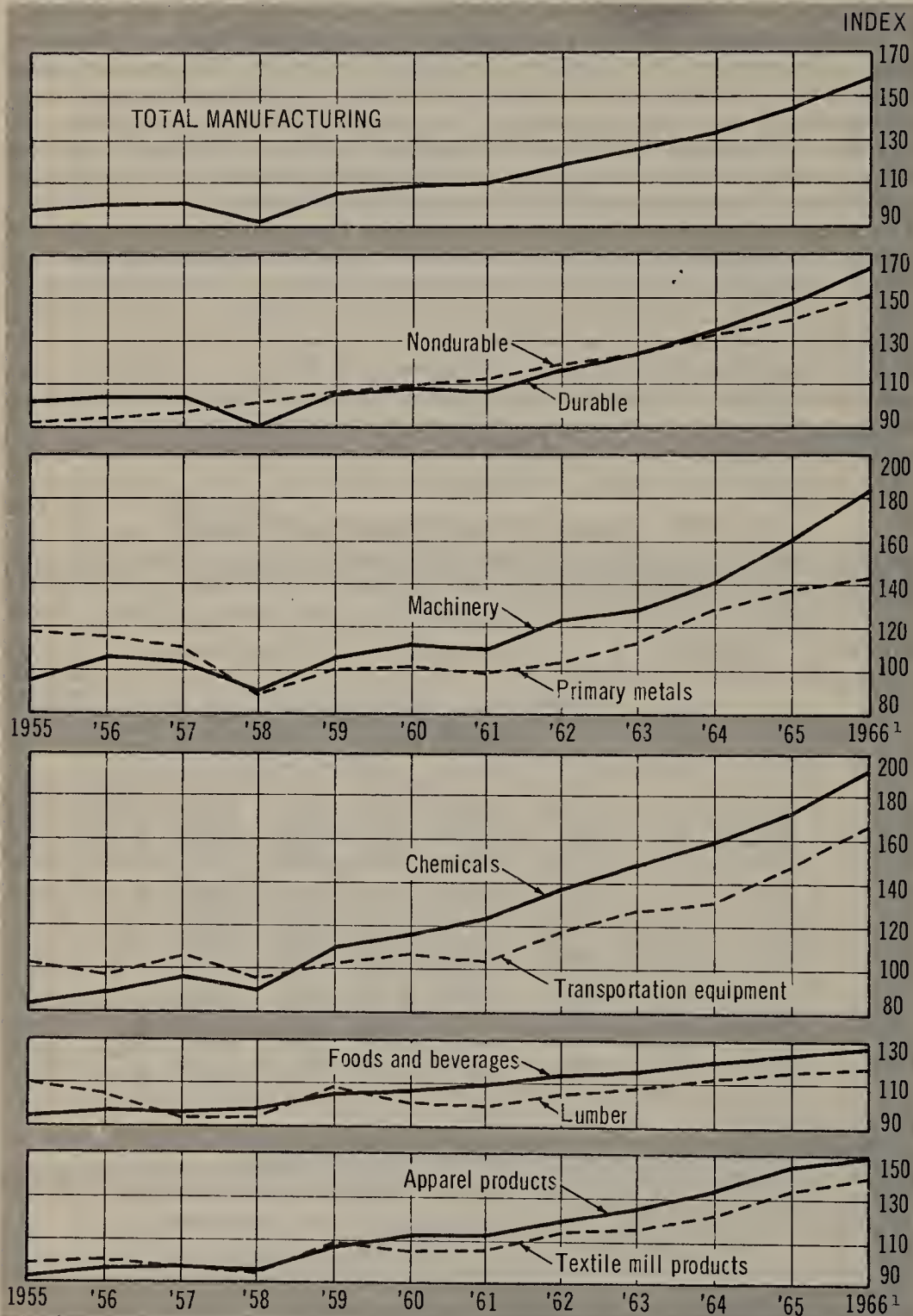
<sup>3</sup> Unadjusted through 1953; thereafter, adjusted. For definitions, see footnote 2, table 1116.

<sup>4</sup> Census data. <sup>5</sup> Includes administrative offices and auxiliary units.

Source: Dept. of Commerce, Bureau of the Census; 1947, 1954, 1958, and 1963 Censuses of Manufactures reports and *Annual Survey of Manufactures*.

FIG. XLVIII. INDUSTRIAL PRODUCTION INDEXES: 1955 TO 1966

[1957-59=100. See table 1111]

<sup>1</sup> Preliminary.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Board of Governors of the Federal Reserve System.

# No. 1111. INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY: 1950 TO 1967

[1957-59=100. Quarterly data adjusted for seasonal variation. Based on 1957 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1957*, series P 11 and P 147-168, for indexes on 1947-49 base]

MAJOR INDUSTRY GROUP	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)		1967 1st qtr. (prel.)
								Total	1st qtr.	
<b>Industrial production</b> .....	75	97	109	118	124	132	143	156	152	157
<b>Manufacturing</b> .....	76	97	109	119	125	133	145	159	155	159
<b>Durable manufactures</b> .....	74	102	109	118	125	134	148	165	160	164
Primary metals.....	100	118	101	105	113	129	138	143	137	132
Fabricated metal products.....	85	98	108	117	123	133	148	163	160	165
Machinery.....	73	97	111	124	129	141	161	184	176	186
Transportation equipment.....	56	102	108	118	127	131	149	168	164	162
Instruments and related products.....	57	89	117	123	130	136	151	177	169	186
Clay, glass, and stone products.....	81	96	108	111	118	126	134	141	143	137
Lumber and products.....	98	110	102	106	109	113	117	119	127	116
Furniture and fixtures.....	79	95	116	127	133	143	157	172	167	170
Miscellaneous manufactures.....	89	101	111	122	125	133	146	158	154	158
<b>Nondurable manufactures</b> .....	76	92	110	120	125	133	141	151	147	153
Textile mill products.....	96	99	105	115	117	123	135	142	141	137
Apparel products.....	82	92	112	119	126	134	145	150	148	144
Leather and products.....	91	98	100	102	100	103	108	112	111	105
Paper and products.....	74	93	108	120	125	133	142	152	150	153
Printing and publishing.....	79	93	110	115	116	123	130	142	138	146
Chemicals and products.....	55	83	117	136	149	160	173	193	186	200
Petroleum products.....	73	94	107	113	117	121	124	128	127	128
Rubber and plastics products.....	70	95	111	131	140	156	172	192	185	200
Foods and beverages.....	83	94	107	114	117	121	124	128	127	131
Tobacco products.....	84	88	107	112	115	121	120	120	124	119
<b>Mining</b> .....	83	99	102	105	108	111	115	120	118	123
<b>Utilities</b> .....	50	80	116	131	140	151	161	173	167	179

Source: Board of Governors of the Federal Reserve System; *Industrial Production, 1957-59 Base*, and *Federal Reserve Bulletin*.

## No. 1112. TOTAL MANUFACTURING CAPACITY: 1950 TO 1967

[**Percent.** Annual figures are averages of quarterly data. Represents estimated quantity of output, relative to output in 1957-59, which the *current* stock of plant and equipment in manufacturing industries was capable of producing]

YEAR	Capacity	YEAR	Capacity	YEAR AND QUARTER	Capacity
1950.....	85	1960.....	135	1966 (prel.).....	174
1955.....	109	1961.....	139	1st qtr. (prel.).....	170
1956.....	114	1962.....	144	2d qtr. (prel.).....	173
1957.....	121	1963.....	149	3d qtr. (prel.).....	176
1958.....	126	1964.....	155	4th qtr. (prel.).....	179
1959.....	130	1965.....	163	1967, 1st qtr. (prel.).....	182

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, Nov. 1966, and unpublished data. (Based on data from Federal Reserve Board, Dept. of Commerce, and McGraw-Hill Inc.)

## No. 1113. MANUFACTURING—RELATION OF OUTPUT TO CAPACITY, BY PROCESSING INDUSTRIES GROUPS: 1950 TO 1967

[**Percent.** Annual figures are averages of quarterly data. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	All manu- facturing	Primary processing industries	Advanced processing industries	YEAR AND QUARTER	All manu- facturing	Primary processing industries	Advanced processing industries
1950.....	89	93	86	1963.....	84	84	84
1955.....	90	93	87	1964.....	86	88	85
1956.....	88	90	86	1965.....	89	90	88
1957.....	84	86	82	1966 (prel.).....	91	91	91
1958.....	74	75	74	1st qtr. (prel.).....	91	91	91
1959.....	82	82	81	2d qtr. (prel.).....	91	92	91
1960.....	81	80	81	3d qtr. (prel.).....	91	91	91
1961.....	79	78	79	4th qtr. (prel.).....	90	89	91
1962.....	82	82	83	1967, 1st qtr. (prel.).....	87	87	88

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*, Nov. 1966, and unpublished data. (Based on data from Federal Reserve Board, Dept. of Commerce, and McGraw-Hill Inc.)



## No. 1114. MANUFACTURES—GENERAL STATISTICS

["N.e.c." means not elsewhere classified. Data based upon the 1957 edition of the *Standard Industrial Classification* and therefore not comparable with figures shown in the 1960

	INDUSTRY GROUP	1958			Estab- lish- ments	1963		
		All employees		Value added by man- ufacture, adjusted <sup>2</sup>		All employees		Value added by man- ufacture, adjusted <sup>2</sup>
		Num- ber <sup>1</sup>	Pay- roll			Num- ber <sup>1</sup>	Pay- roll	
1	<b>All manufacturing establish- ments, incl. administrative and auxiliary units</b> .....	1,000 16,025	Mil. dol. 78,238	Mil. dol. 141,611	311,921	1,000 16,961	Mil. dol. 99,904	Mil. dol. 192,103
2	<b>Operating manufacturing establish- ments only</b> .....	15,423	73,764	141,611	306,617	16,235	93,289	192,103
3	<b>Food and kindred products</b> .....	1,718	7,622	17,701	37,521	1,643	8,637	21,826
4	Meat products.....	312	1,467	2,502	5,300	300	1,641	2,883
5	Dairies.....	295	1,351	2,876	7,885	257	1,394	3,185
6	Canned and frozen foods.....	234	775	1,969	3,969	245	960	2,779
7	Grain mills.....	119	576	1,856	3,555	113	647	2,271
8	Bakery products.....	302	1,338	2,642	5,366	280	1,513	3,031
9	Sugar.....	33	162	383	164	32	189	591
10	Candy and related products.....	80	301	752	1,263	78	350	956
11	Beverages.....	207	1,044	2,856	5,018	205	1,225	3,725
12	Misc. food and kindred products.....	135	607	1,859	5,001	134	718	2,406
13	<b>Tobacco manufactures</b> .....	84	295	1,413	394	77	330	1,681
14	Cigarettes.....	34	142	1,059	14	36	183	1,310
15	Cigars.....	29	82	183	193	21	68	193
16	Chewing and smoking tobacco.....	6	24	86	51	4	18	74
17	Tobacco stemming and redrying.....	15	47	86	136	17	61	103
18	<b>Textile mill products</b> .....	903	2,943	4,870	7,104	863	3,385	6,123
19	Weaving mills, cotton.....	243	724	1,079	407	209	772	1,257
20	Weaving mills, synthetics.....	82	277	469	355	88	366	662
21	Weaving, finishing mills, wool.....	56	206	337	361	47	203	387
22	Narrow fabric mills.....	25	86	143	384	23	92	172
23	Knitting mills.....	215	653	1,111	2,848	220	787	1,396
24	Textile finishing, except wool.....	73	293	456	621	71	337	582
25	Floor covering mills.....	34	123	260	349	36	152	395
26	Yarn and thread mills.....	107	308	516	712	103	359	652
27	Misc. textile goods.....	69	272	499	1,067	66	317	620
28	<b>Apparel and related products</b> .....	1,181	3,587	6,001	28,457	1,280	4,423	7,861
29	Men's and boys' suits and coats.....	122	408	643	1,112	123	494	832
30	Men's and boys' furnishings.....	272	691	1,128	2,981	306	899	1,618
31	Women's and misses' outerwear.....	361	1,157	1,918	9,740	405	1,426	2,460
32	Women's and children's underwear.....	111	322	596	1,420	114	379	741
33	Millinery, hats, and caps.....	36	123	200	1,147	31	116	185
34	Children's outerwear.....	81	231	381	1,576	82	265	467
35	Fur goods.....	9	50	95	1,591	9	56	111
36	Misc. apparel.....	60	177	306	1,582	62	209	377
37	Fabricated textiles.....	129	427	732	7,308	148	579	1,071
38	<b>Lumber and wood products</b> .....	585	2,007	3,213	36,150	563	2,339	4,021
39	Logging camps and contractors.....	72	228	390	13,588	73	282	520
40	Sawmills and planing mills.....	279	870	1,345	13,372	243	936	1,573
41	Millwork and related products.....	135	572	926	4,970	147	727	1,240
42	Wooden containers.....	38	117	177	986	31	112	174
43	Misc. wood products.....	61	220	374	3,234	69	283	514
44	<b>Furniture and fixtures</b> .....	354	1,414	2,396	10,478	377	1,727	3,068
45	Household furniture.....	258	966	1,624	6,560	270	1,150	2,047
46	Office furniture.....	23	110	212	308	26	143	285
47	Public building furniture.....	16	69	113	429	17	83	142
48	Partitions and fixtures.....	38	187	301	2,107	45	262	433
49	Furniture and fixtures, n.e.c.....	19	82	146	1,074	18	89	160
50	<b>Paper and allied products</b> .....	551	2,759	5,669	5,713	588	3,508	7,396
51	Pulp mills.....	14	75	196	45	15	107	296
52	Paper mills, except building.....	131	741	1,543	325	130	878	1,857
53	Paperboard mills.....	57	322	840	271	63	429	1,186
54	Paper and paperboard products.....	151	705	1,413	2,495	167	917	1,962
55	Paperboard containers and boxes.....	181	835	1,502	2,494	201	1,107	1,941
56	Building paper and board mills <sup>5</sup> .....	17	82	175	83	12	70	153

For footnotes, see pp. 744 and 745.

## FOR INDUSTRY GROUPS: 1958 to 1965

Manual as amended by the "Supplement to the 1957 Edition" published by the Bureau of the Budget in 1963, and earlier editions of the *Statistical Abstract*; see text, p. 736]

1964				1965						
All employees		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new <sup>3</sup>	All employees		Production workers		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new <sup>3</sup>	
Number <sup>1</sup>	Pay-roll			Number <sup>1</sup>	Pay-roll	Number <sup>1</sup>	Wages			
<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	
17,269	106,048	206,194	13,262	17,987	113,942	12,978	70,996	225,366	16,534	1
16,486	98,685	206,194	13,262	17,135	105,573	12,978	70,996	225,366	16,534	2
1,646	9,028	23,053	1,413	1,635	9,121	1,090	5,429	23,383	1,461	3
305	1,760	3,147	146	300	1,732	237	1,275	2,930	175	4
253	1,419	3,364	216	246	1,416	110	580	3,310	192	5
246	1,009	2,915	191	249	1,055	214	804	3,155	201	6
110	665	2,345	154	108	669	75	429	2,398	167	7
276	1,546	3,148	130	277	1,573	164	830	3,183	172	8
33	198	502	102	31	195	26	151	586	58	9
80	374	1,006	52	79	379	65	270	1,057	60	10
209	1,304	4,080	258	210	1,346	108	644	4,141	279	11
135	753	2,546	164	134	756	91	446	2,623	156	12
79	353	1,772	59	75	353	67	287	1,768	59	13
35	186	<sup>4</sup> 1,315	37	36	199	32	171	<sup>4</sup> 1,366	33	14
23	81	<sup>4</sup> 220	8	21	76	19	64	<sup>4</sup> 220	10	15
5	24	<sup>4</sup> 94	6	4	21	3	14	<sup>4</sup> 76	6	16
16	62	<sup>4</sup> 143	8	14	57	11	39	<sup>4</sup> 106	10	17
876	3,647	6,672	504	892	3,917	795	3,189	7,469	636	18
204	822	1,404	138	205	885	191	789	1,624	169	19
94	417	787	51	94	444	85	371	827	98	20
44	199	372	19	44	211	39	164	409	17	21
23	97	177	10	24	104	21	81	193	12	22
225	839	1,490	77	231	896	207	712	1,644	113	23
74	370	631	57	72	375	61	286	651	52	24
40	174	462	35	40	190	34	142	509	33	25
107	398	710	75	110	442	100	378	865	91	26
65	330	639	40	71	370	59	266	747	51	27
1,303	4,684	8,163	123	1,312	4,872	1,160	3,790	8,427	165	28
125	516	826	11	128	562	114	447	942	9	29
313	978	1,637	29	325	1,045	298	863	1,811	41	30
414	1,503	2,606	21	406	1,525	355	1,173	2,546	36	31
115	398	780	10	114	408	99	294	741	14	32
29	112	179	2	24	98	21	76	138	2	33
85	285	486	8	82	281	73	224	504	8	34
10	63	104	(Z)	9	58	8	45	113	1	35
61	220	390	9	66	237	58	182	437	7	36
152	611	1,154	32	158	658	134	486	1,196	48	37
559	2,436	4,365	362	570	2,566	502	2,101	4,388	474	38
71	298	557	77	73	292	65	270	585	120	39
236	1,038	1,735	165	239	1,012	215	848	1,634	185	40
152	683	1,338	71	153	818	130	636	1,364	98	41
30	115	174	6	32	125	29	102	206	11	42
71	303	562	44	72	318	62	244	598	59	43
388	1,845	3,227	108	408	2,017	343	1,494	3,620	155	44
281	1,245	2,149	75	292	1,346	253	1,021	2,400	109	45
27	152	316	10	30	176	24	125	366	15	46
17	87	146	7	18	96	14	66	166	6	47
45	268	448	12	49	302	38	216	503	20	48
18	93	168	4	19	97	15	65	187	5	49
593	3,686	7,806	902	606	3,867	485	2,810	8,400	1,156	50
15	114	332	67	14	109	11	81	336	116	51
130	918	1,974	296	132	957	107	739	2,043	468	52
64	450	1,271	214	65	473	52	361	1,391	209	53
170	961	2,065	153	175	1,024	137	705	2,326	168	54
202	1,172	1,998	160	209	1,233	168	866	2,136	177	55
11	71	166	12	11	72	10	58	169	18	56

INDUSTRY GROUP	1958			1963			
	All employees		Value added by manufacture, adjusted <sup>2</sup>	Establishments	All employees		Value added by manufacture, adjusted <sup>2</sup>
	Number <sup>1</sup>	Pay-roll			Number <sup>1</sup>	Pay-roll	
	1,000	Mil. dol.	Mil. dol.		1,000	Mil. dol.	Mil. dol.
1 <b>Printing and publishing</b> .....	865	4,489	7,973	38,090	913	5,515	10,476
2 Newspapers.....	296	1,500	2,529	8,331	306	1,785	3,202
3 Periodicals.....	67	387	975	2,630	68	461	1,349
4 Books.....	67	336	843	1,676	83	495	1,354
5 Misc. publishing.....	19	92	199	1,374	23	130	253
6 Commercial printing.....	288	1,519	2,348	19,511	300	1,852	2,961
7 Manifold business forms.....	24	121	245	502	29	173	378
8 Greeting cards manufacturing.....	22	89	179	257	22	106	205
9 Bookbinding and related work.....	40	166	265	1,453	42	206	341
10 Printing trades services.....	42	279	390	2,356	41	306	434
11 <b>Chemicals and allied products</b> .....	698	3,940	12,308	11,996	737	4,970	17,586
12 Basic chemicals.....	238	1,460	4,314	1,905	237	1,763	6,171
13 Fibers, plastics, rubbers.....	122	683	1,900	577	145	974	2,865
14 Drugs.....	96	546	2,096	1,262	99	674	2,807
15 Cleaning and toilet goods.....	79	418	1,903	2,660	86	526	2,866
16 Paints and allied products.....	59	323	807	1,788	61	401	1,112
17 Gum and wood chemicals.....	7	30	85	246	7	33	100
18 Agricultural chemicals.....	39	160	415	1,354	43	213	628
19 Misc. chemical products.....	59	319	785	2,204	61	386	1,035
20 <b>Petroleum and coal products</b> .....	179	1,117	2,518	1,839	153	1,134	3,713
21 Petroleum refining.....	146	944	2,119	427	119	922	3,138
22 Paving and roofing materials.....	23	119	269	992	24	145	356
23 Petroleum and coal products, n.e.c.....	10	53	130	420	10	67	220
24 <b>Rubber and plastics products, n.e.c.</b> .....	348	1,723	3,277	5,728	415	2,364	4,654
25 Tires and inner tubes.....	89	522	1,180	155	85	622	1,322
26 Rubber footwear.....	20	86	150	53	29	130	217
27 Reclaimed rubber.....	2	12	21	13	2	14	27
28 Rubber products, n.e.c.....	120	593	997	1,173	132	761	1,427
29 Plastics products, n.e.c.....	116	511	929	4,334	166	838	1,661
30 <b>Leather and leather products</b> .....	349	1,146	1,898	4,047	327	1,228	2,079
31 Leather tanning and finishing.....	37	166	276	525	31	163	273
32 Industrial leather belting.....	4	19	36	83	3	16	33
33 Footwear cut stock.....	18	58	98	446	14	53	91
34 Footwear, except rubber.....	227	700	1,146	1,193	213	753	1,279
35 Leather gloves.....	6	16	26	166	8	24	32
36 Luggage.....	16	55	97	379	16	63	113
37 Purses and small leather goods.....	36	115	187	885	37	136	225
38 Leather goods, n.e.c.....	5	18	31	370	5	19	33
39 <b>Stone, clay, and glass products</b> .....	553	2,586	5,533	15,838	574	3,212	7,044
40 Flat glass.....	21	134	263	31	23	172	364
41 Pressed and blown glassware.....	90	421	845	220	98	535	1,102
42 Products of purchased glass.....	24	110	243	1,044	26	138	310
43 Cement, hydraulic.....	41	214	725	188	35	227	786
44 Structural clay products.....	70	293	490	916	65	321	554
45 Pottery and related products.....	44	180	283	638	42	213	337
46 Concrete and plaster products.....	150	693	1,554	10,160	166	906	2,122
47 Cut stone and stone products.....	20	83	129	893	18	86	131
48 Nonmetallic mineral products.....	91	459	1,002	1,748	101	614	1,338
49 <b>Primary metal industries</b> .....	1,092	6,280	11,642	6,513	1,127	7,734	15,261
50 Steel rolling and finishing.....	578	3,571	6,863	746	569	4,168	8,617
51 Iron and steel foundries.....	182	886	1,322	1,487	200	1,234	1,960
52 Primary nonferrous metals.....	47	267	709	119	49	328	1,013
53 Secondary nonferrous metals.....	14	76	147	459	15	96	228
54 Nonferrous rolling and drawing.....	156	861	1,687	748	167	1,094	2,128
55 Nonferrous foundries.....	62	319	471	1,894	69	412	656
56 Primary metal industries, n.e.c.....	52	301	443	1,060	58	402	659

For footnotes, see pp. 744 and 745.



FOR INDUSTRY GROUPS: 1958 TO 1965—Continued

1964				1965					
All employees		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new <sup>3</sup>	All employees		Production workers		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new <sup>3</sup>
Number <sup>1</sup>	Payroll			Number <sup>1</sup>	Payroll	Number <sup>1</sup>	Wages		
<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
935	5,848	11,192	465	963	6,168	583	3,508	11,888	535
318	1,901	3,461	122	320	1,973	164	1,022	3,670	169
67	490	1,426	38	67	495	12	70	1,564	22
89	558	1,485	61	89	578	43	256	1,515	66
23	138	2,282	6	24	146	11	55	296	4
302	1,929	3,079	183	321	2,087	246	1,497	3,304	213
29	178	401	22	29	186	22	125	423	25
23	115	247	14	25	131	14	59	254	11
44	220	357	13	47	241	41	183	404	14
41	319	453	8	41	329	31	241	458	11
749	5,244	19,166	1,862	776	5,564	499	3,086	19,721	2,516
238	1,837	6,792	989	242	1,909	160	1,137	7,297	1,217
151	1,045	3,234	480	162	1,148	115	716	2,503	747
102	718	2,943	118	104	772	57	333	3,352	137
87	551	3,105	66	92	590	57	299	3,294	94
61	425	1,147	39	65	450	35	206	1,201	63
6	32	102	5	6	31	4	21	93	4
44	225	713	111	43	230	30	135	763	177
61	410	1,130	53	63	433	40	239	1,220	76
148	1,127	3,780	413	144	1,107	102	730	4,154	604
114	906	3,192	384	110	889	79	593	3,520	567
25	151	368	22	25	155	18	109	399	30
10	70	220	6	9	63	5	28	236	7
430	2,547	4,991	399	461	2,796	365	1,970	5,657	493
86	664	1,363	133	89	719	68	536	1,602	156
30	139	232	7	30	140	26	113	247	10
2	13	24	4	2	14	2	10	27	2
134	796	1,519	73	139	854	106	576	1,594	83
179	935	1,853	182	201	1,069	163	733	2,189	243
327	1,286	2,265	38	333	1,336	297	1,057	2,325	46
31	169	300	8	32	179	28	138	333	11
3	17	32	1	3	17	2	11	34	1
14	53	97	1	13	56	12	42	95	2
214	796	1,392	22	217	828	197	674	1,421	23
7	23	38	(Z)	7	24	6	19	37	(Z)
16	66	121	2	18	73	16	53	137	4
37	141	248	3	37	140	32	105	233	4
5	20	37	1	6	21	5	16	37	1
581	3,369	7,493	627	599	3,562	475	2,613	7,922	735
23	179	383	22	25	205	22	172	463	41
99	557	1,176	98	101	589	89	493	1,250	117
27	150	323	41	29	163	24	121	365	19
35	234	805	94	34	242	28	181	837	117
65	333	623	42	67	350	56	268	628	58
42	220	362	15	42	221	35	170	376	17
169	954	2,221	224	174	1,005	125	655	2,277	243
19	91	143	5	18	90	14	69	133	5
103	651	1,457	86	109	696	82	484	1,594	118
1,181	8,488	16,692	1,886	1,243	9,202	1,022	7,150	18,759	2,274
604	4,614	9,430	1,363	638	4,972	525	3,898	10,507	1,451
212	1,403	2,234	126	225	1,551	193	1,262	2,562	236
51	343	1,089	77	52	372	43	287	1,225	127
16	111	266	17	16	105	12	66	247	25
167	1,139	2,198	192	174	1,248	137	911	2,565	316
70	439	727	47	75	479	63	367	804	64
60	439	749	64	62	475	49	360	849	56

## No. 1114. MANUFACTURES—GENERAL STATISTICS

INDUSTRY GROUP		1958			1963			
		All employees		Value added by manu- facture, adjusted <sup>2</sup>	Estab- lish- ments	All employees		Value added by manu- facture, adjusted <sup>2</sup>
		Num- ber <sup>1</sup>	Pay- roll			Num- ber <sup>1</sup>	Pay- roll	
		1,000	Mil. dol.	Mil. dol.		1,000	Mil. dol.	Mil. dol.
1	<b>Fabricated metal products</b> .....	1,061	5,425	9,430	26,975	1,082	6,388	11,791
2	Metal cans.....	54	304	669	270	53	377	831
3	Cutlery, hand tools, hardware.....	136	657	1,202	2,022	137	799	1,708
4	Plumbing and heating, except electric.....	72	357	672	979	68	391	790
5	Structural metal products.....	341	1,806	2,963	10,199	325	1,923	3,220
6	Screw machine products, bolts, etc.....	85	441	755	2,447	95	584	1,054
7	Metal stampings.....	125	644	1,045	2,574	132	773	1,369
8	Metal services, n.e.c.....	52	224	362	4,281	66	331	555
9	Fabricated wire prod., n.e.c.....	55	261	440	1,567	56	298	539
10	Fabricated metal prod., n.e.c.....	139	727	1,322	2,636	151	912	1,726
11	<b>Machinery, exc. electrical</b> .....	1,350	7,314	12,414	33,703	1,459	9,571	17,311
12	Engines and turbines.....	97	561	1,089	165	87	609	1,114
13	Farm machinery and equipment.....	108	551	1,088	1,568	113	689	1,328
14	Construction and like equipment.....	200	1,073	2,055	2,259	211	1,381	2,732
15	Metalworking machinery.....	234	1,380	2,058	8,536	259	1,842	3,038
16	Special industry machinery.....	162	854	1,340	3,290	172	1,095	1,917
17	General industrial machinery.....	211	1,143	1,935	3,760	233	1,542	2,813
18	Office machines, n.e.c.....	122	667	971	515	137	945	1,634
19	Service industry machines.....	100	509	918	1,520	113	674	1,369
20	Misc. machinery.....	116	575	960	12,090	136	794	1,366
21	<b>Electrical machinery</b> .....	1,141	5,651	10,624	9,948	1,512	9,284	17,011
22	Electric distribution products.....	134	724	1,339	1,137	132	822	1,535
23	Electrical industrial apparatus.....	156	819	1,448	1,244	161	1,005	1,889
24	Household appliances.....	143	732	1,549	700	146	864	2,098
25	Lighting and wiring devices.....	124	568	1,183	1,951	133	710	1,560
26	Radio and TV receiving equipment.....	74	326	687	515	91	459	1,037
27	Communication equipment.....	234	1,250	2,274	1,222	477	3,395	5,341
28	Electronic components.....	198	854	1,434	2,291	289	1,536	2,508
29	Electrical products, n.e.c.....	77	377	711	888	84	495	1,042
30	<b>Transportation equipment</b> .....	1,562	9,186	15,315	7,196	1,601	11,858	22,766
31	Motor vehicles and equipment.....	582	3,339	6,781	2,765	694	5,193	12,781
32	Aircraft and parts.....	765	4,720	6,924	1,346	679	5,254	7,867
33	Ship and boat building.....	145	774	1,072	1,960	140	898	1,193
34	Railroad equipment.....	40	222	320	102	45	302	541
35	Motorcycles, bicycles, and parts.....	8	33	52	88	10	48	82
36	Transportation equipment, n.e.c.....	23	98	166	935	34	163	301
37	<b>Instruments and related products</b> .....	286	1,510	2,781	3,949	305	1,912	3,992
38	Scientific instruments.....	57	330	481	594	33	208	359
39	Mechanical measuring devices.....	76	387	716	774	94	581	1,112
40	Optical instruments and lenses.....	7	38	60	280	12	79	132
41	Medical instruments and supplies.....	42	195	414	1,314	51	291	635
42	Ophthalmic goods.....	18	71	137	229	20	96	178
43	Photographic equipment.....	60	369	789	538	65	499	1,270
44	Watches, clocks, and watchcases.....	26	119	184	220	30	158	307
45	<b>Misc. manufacturing (including ordnance) <sup>6</sup></b> .....	560	2,770	4,635	14,981	637	3,769	6,445
46	Jewelry and silverware.....	41	182	318	2,193	43	226	416
47	Musical instruments and parts.....	16	75	121	320	20	103	179
48	Toys and sporting goods.....	99	362	712	2,690	113	461	978
49	Pens, pencils, and office supplies.....	29	124	237	1,001	32	160	338
50	Costume jewelry and notions.....	56	194	338	1,929	52	214	415
51	Misc. manufactures (including ord- nance) <sup>6</sup> .....	319	1,834	2,909	6,848	376	2,606	4,119
52	<b>Administrative and auxiliary <sup>7</sup></b> .....	602	4,474	(X)	5,304	726	6,615	(X)

X Not applicable. Z Less than \$500,000.

<sup>1</sup> "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March.<sup>2</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work, plus net change in finished goods and work-in-process inventory, and value added in merchandising activities of manufacturing establishments. For 1958, breakdown does not add to total because of exclusion of selected industries for Alaska and Hawaii for disclosure purposes.<sup>3</sup> Includes expenditures for plants in operation and plants under construction but not yet in operation.

## FOR INDUSTRY GROUPS: 1958 TO 1965—Continued

1964				1965					
All employees		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new <sup>3</sup>	All employees		Production workers		Value added by manufacture, adjusted <sup>2</sup>	Capital expenditures, new <sup>3</sup>
Number <sup>1</sup>	Payroll			Number <sup>1</sup>	Payroll	Number <sup>1</sup>	Wages		
1,000	Mil. dol.	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Mil. dol.	Mil. dol.	Mil. dol.
1,116	6,853	12,693	727	1,160	7,344	905	5,140	14,208	805
55	401	932	72	54	422	46	350	989	81
142	869	1,823	112	153	962	121	693	2,085	128
71	418	870	28	71	428	52	280	855	40
331	2,029	3,458	149	345	2,173	256	1,436	3,976	175
96	627	1,131	58	101	680	80	490	1,268	77
138	837	1,444	156	147	917	121	680	1,655	127
67	358	619	34	68	374	57	275	646	47
60	332	587	27	59	338	49	240	631	29
156	984	1,828	91	164	1,050	122	697	2,103	101
1,539	10,607	20,302	939	1,651	11,768	1,193	7,764	22,819	1,224
91	666	1,282	60	94	712	68	475	1,376	87
119	770	1,526	84	123	818	94	572	1,621	86
231	1,577	3,229	133	246	1,731	174	1,117	3,594	176
273	2,044	3,526	176	296	2,374	224	1,623	4,006	221
182	1,208	2,210	98	194	1,341	136	842	2,427	119
244	1,724	3,176	148	263	1,898	185	1,203	3,626	205
143	1,029	2,356	110	163	1,214	102	731	2,808	162
114	703	1,468	49	124	787	89	493	1,700	74
142	886	1,530	82	148	943	120	708	1,662	94
1,484	9,407	17,765	761	1,604	10,300	1,136	6,221	20,222	1,036
134	873	1,670	52	143	954	99	570	1,896	70
167	1,083	2,080	85	183	1,220	134	790	2,342	124
151	920	2,187	78	159	1,000	126	715	2,394	121
138	761	1,722	73	147	840	117	583	1,944	111
96	488	1,136	41	112	592	93	434	1,350	65
447	3,269	5,387	178	453	3,349	256	1,638	5,751	234
270	1,512	2,495	212	318	1,778	242	1,102	3,321	262
81	502	1,088	42	88	567	67	391	1,224	50
1,616	12,376	23,830	1,261	1,732	13,617	1,282	9,197	27,727	1,670
730	5,580	13,546	903	822	6,609	684	5,244	16,495	1,243
641	5,220	7,825	263	642	5,241	375	2,595	8,493	313
142	946	1,276	47	158	1,076	133	840	1,415	56
52	370	722	30	58	417	46	316	816	36
10	54	99	6	11	62	9	46	107	7
42	205	362	12	42	212	35	155	402	15
308	2,014	4,314	160	328	2,206	225	1,259	5,046	232
31	194	305	15	31	202	21	117	406	13
93	617	1,167	49	100	665	67	379	1,362	62
15	104	177	6	16	117	10	66	199	8
51	300	651	28	55	333	38	184	719	33
21	105	197	9	22	112	18	81	215	10
67	533	1,485	46	72	599	45	313	1,775	98
30	162	332	7	32	178	25	119	370	8
629	3,843	6,652	254	645	3,891	453	2,201	7,462	257
45	244	427	8	48	259	37	177	520	12
22	115	190	6	24	125	20	93	231	11
112	483	1,016	51	120	526	102	364	1,088	53
32	168	354	14	33	175	25	104	378	14
51	223	451	14	52	229	43	159	479	14
366	2,610	4,214	161	368	2,578	226	1,303	4,765	153
783	7,363	(X)	(X)	851	8,369	(X)	(X)	(X)	(X)

<sup>4</sup> Value of production. The formula for computing adjusted value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

<sup>5</sup> Beginning 1963, not strictly comparable with earlier years due to difference in coverage.

<sup>6</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories." Excludes Government-owned and operated equipment.

<sup>7</sup> Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than 1 establishment.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Manufactures: 1958, Vol. III, 1963 Census of Manufactures, Series MC 63 (1)-1, and 1964 and 1966 Annual Survey of Manufactures.



		1954			1958 <sup>1</sup>			
STATE		Estab- lish- ments	Payroll	Value added by manufac- ture, ad- justed <sup>2</sup>	Estab- lish- ments <sup>3</sup>	All employees <sup>4</sup>		Value added by manufac- ture, ad- justed <sup>2</sup>
						Num- ber <sup>5</sup>	Payroll	
1	United States .....	287,553	<i>Mil. dol.</i> 66,074	<i>Mil. dol.</i> 117,212	299,036	<i>1,000</i> 16,035	<i>Mil. dol.</i> 78,326	<i>Mil. dol.</i> 141,444
2	New England.....	24,625	5,455	9,129	24,588	1,399	6,294	10,429
3	Maine.....	3,015	325	565	2,733	98	377	628
4	New Hampshire.....	1,609	247	409	1,446	80	298	491
5	Vermont.....	1,071	124	223	1,016	32	132	236
6	Massachusetts.....	11,205	2,576	4,356	11,409	681	3,069	5,129
7	Rhode Island.....	2,635	432	697	2,736	115	452	756
8	Connecticut.....	5,090	1,750	2,877	5,248	394	1,965	3,189
9	Middle Atlantic.....	82,380	17,884	30,403	81,569	4,112	20,450	34,814
10	New York.....	50,402	8,468	14,141	48,523	1,916	9,617	15,892
11	New Jersey.....	13,183	3,507	6,332	14,009	795	4,068	7,499
12	Pennsylvania.....	18,795	5,910	9,930	19,037	1,402	6,766	11,423
13	East North Central.....	58,946	20,893	36,491	60,808	4,259	22,980	40,962
14	Ohio.....	14,550	5,818	10,154	14,931	1,199	6,517	11,473
15	Indiana.....	6,355	2,533	4,632	6,555	551	2,874	5,502
16	Illinois.....	17,628	5,421	9,664	18,100	1,189	6,216	11,664
17	Michigan.....	12,711	5,252	8,707	13,429	880	5,164	8,364
18	Wisconsin.....	7,702	1,869	3,334	7,793	439	2,208	3,960
19	West North Central.....	19,020	3,853	7,114	20,124	964	4,608	8,870
20	Minnesota.....	5,027	865	1,595	5,317	221	1,089	2,050
21	Iowa.....	3,320	648	1,236	3,567	166	812	1,684
22	Missouri.....	6,198	1,497	2,727	6,437	380	1,770	3,251
23	North Dakota.....	367	19	35	405	6	26	63
24	South Dakota.....	546	41	78	575	13	55	114
25	Nebraska.....	1,423	223	394	1,536	59	265	536
26	Kansas.....	2,139	560	1,049	2,287	119	591	1,171
27	South Atlantic.....	30,530	5,698	10,658	33,079	1,887	7,279	14,346
28	Delaware.....	556	267	353	547	58	349	420
29	Maryland.....	3,253	1,002	1,889	3,435	259	1,255	2,379
30	District of Columbia.....	484	92	157	507	21	114	198
31	Virginia.....	4,398	777	1,629	4,414	258	986	2,123
32	West Virginia.....	2,027	495	988	1,899	118	586	1,269
33	North Carolina.....	6,645	1,186	2,210	7,289	462	1,490	3,083
34	South Carolina.....	2,720	635	1,041	2,888	226	732	1,360
35	Georgia.....	5,655	854	1,592	5,796	314	1,077	2,102
36	Florida.....	4,792	389	798	6,304	171	690	1,411
37	East South Central.....	12,854	2,367	4,702	13,641	783	3,102	6,389
38	Kentucky.....	2,651	553	1,236	2,850	162	721	1,769
39	Tennessee.....	4,058	883	1,679	4,450	283	1,106	2,207
40	Alabama.....	3,893	690	1,319	3,927	230	920	1,771
41	Mississippi.....	2,252	239	468	2,414	109	355	642
42	West South Central.....	16,469	2,789	5,722	18,400	796	3,660	7,791
43	Arkansas.....	2,428	222	457	2,571	89	293	592
44	Louisiana.....	3,020	534	1,182	3,125	137	621	1,430
45	Oklahoma.....	2,131	364	581	2,366	92	458	725
46	Texas.....	8,890	1,669	3,502	10,338	478	2,288	5,045
47	Mountain.....	6,685	763	1,501	7,561	229	1,151	2,263
48	Montana.....	868	72	141	925	20	95	191
49	Idaho.....	981	94	179	1,059	28	128	256
50	Wyoming.....	328	27	51	329	6	34	63
51	Colorado.....	2,060	255	472	2,242	78	405	782
52	New Mexico.....	593	33	66	665	14	59	126
53	Arizona.....	817	111	192	1,150	41	216	360
54	Utah.....	852	121	276	986	38	186	417
55	Nevada.....	177	25	63	205	5	27	68
56	Pacific.....	36,047	6,321	11,365	39,266	1,594	8,801	15,666
57	Washington.....	4,929	854	1,549	5,065	215	1,173	2,167
58	Oregon.....	5,870	567	1,037	5,025	134	649	1,222
59	California.....	24,509	4,807	8,597	28,322	1,216	6,871	12,048
60	Alaska.....	219	20	40	245	5	26	65
61	Hawaii.....	520	77	140	609	24	82	165

<sup>1</sup> Sum of State totals may not add to U.S. total because figures were independently derived.

<sup>2</sup> See footnote 2, table 1114. <sup>3</sup> Operating establishments only.

<sup>4</sup> Includes employment and payroll at administrative offices and auxiliary units.

<sup>5</sup> "Production workers" represents the average of the employment for the payroll periods ended nearest the 15th of March, May, August, and November. "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March.

STATISTICS, BY STATES: 1954 to 1964

1963 <sup>1</sup>				1964 <sup>1</sup> (prel.)							
Estab- lish- ments	All employees <sup>4</sup>		Value added by manu- facture, adjusted <sup>2</sup>	All employees <sup>3</sup>		Production workers			Value added by manu- facture, adjusted <sup>2</sup>	Capital expend- itures, new <sup>6</sup>	
	Num- ber	Pay- roll		Num- ber <sup>4</sup>	Pay- roll	Num- ber <sup>4</sup>	Man- hours	Wages			
	1,000 16, 961	Mil.dol. 99, 904	Mil. dol. 192, 103	1,000 17, 280	Mil.dol. 106, 034	1,000 12, 431	Millions 25, 326	Mil.dol. 65, 761	Mil. dol. 205, 963	Mil. dol. 13, 436	
311, 921											1
24, 650	1, 425	7, 815	13, 589	1, 421	8, 112	1, 038	2, 101	5, 036	14, 390	695	2
2, 535	100	439	786	102	461	86	175	351	824	72	3
1, 509	84	379	636	86	399	70	140	286	689	42	4
978	34	168	309	34	174	26	54	118	323	22	5
11, 311	674	3, 712	6, 404	668	3, 825	477	955	2, 288	6, 811	294	6
2, 710	114	533	959	110	537	88	172	365	980	42	7
5, 607	419	2, 584	4, 496	421	2, 717	292	606	1, 627	4, 763	223	8
81, 707	4, 075	24, 420	43, 560	4, 103	25, 912	2, 848	5, 625	14, 944	45, 911	2, 353	9
47, 040	1, 853	11, 290	19, 559	1, 845	11, 830	1, 225	2, 392	6, 351	20, 245	917	10
15, 208	829	5, 121	9, 957	820	5, 369	563	1, 137	3, 088	10, 193	504	11
19, 459	1, 393	8, 009	14, 044	1, 437	8, 713	1, 060	2, 096	5, 504	15, 474	932	12
63, 092	4, 483	29, 208	56, 327	4, 626	31, 343	3, 333	6, 916	20, 304	60, 674	4, 306	13
15, 483	1, 240	8, 124	15, 506	1, 265	8, 602	902	1, 861	5, 582	16, 307	1, 085	14
6, 860	610	3, 794	7, 727	629	4, 056	476	972	2, 794	88, 270	910	15
18, 592	1, 211	7, 558	14, 640	1, 252	8, 251	887	1, 819	5, 057	16, 129	926	16
14, 220	961	6, 951	13, 090	1, 006	7, 473	723	1, 555	4, 929	14, 268	1, 040	17
7, 937	462	2, 781	5, 363	474	2, 961	346	709	1, 942	5, 699	346	18
20, 668	1, 014	5, 895	11, 809	1, 046	6, 356	730	1, 492	3, 926	12, 869	740	19
5, 500	246	1, 479	2, 806	256	1, 616	166	338	902	3, 060	168	20
3, 496	178	1, 047	2, 287	182	1, 133	131	268	740	2, 505	174	21
6, 540	391	2, 235	4, 296	402	2, 390	283	567	1, 458	4, 696	229	22
459	7	31	72	7	32	4	9	19	72	7	23
587	13	70	140	14	74	10	21	50	141	10	24
1, 611	65	348	747	65	365	47	98	244	871	50	25
2, 475	114	684	1, 460	120	747	89	192	513	1, 526	102	26
35, 546	2, 125	10, 006	21, 134	2, 181	10, 846	1, 690	3, 481	7, 089	22, 877	1, 696	27
569	58	430	658	64	487	33	67	181	722	73	28
3, 519	264	1, 550	3, 001	263	1, 613	186	377	980	3, 407	157	29
617	22	148	257	22	167	11	21	68	274	10	30
4, 542	302	1, 432	3, 046	309	1, 555	242	497	1, 065	3, 297	277	31
1, 832	117	700	1, 887	122	758	91	182	518	1, 818	180	32
7, 784	531	2, 092	4, 567	546	2, 273	453	935	1, 639	4, 943	362	33
3, 057	262	1, 047	2, 111	270	1, 203	228	478	829	2, 398	237	34
6, 249	354	1, 506	3, 254	364	1, 642	296	613	1, 160	3, 556	228	35
7, 377	215	1, 102	2, 352	221	1, 137	150	310	650	2, 462	171	36
14, 196	892	4, 150	9, 383	924	4, 514	740	1, 492	3, 169	10, 053	878	37
2, 946	180	959	2, 549	190	1, 050	149	298	726	2, 650	205	38
4, 787	339	1, 542	3, 303	349	1, 663	274	552	1, 122	3, 640	302	39
4, 079	244	1, 162	2, 515	252	1, 272	206	417	923	2, 668	266	40
2, 384	129	486	1, 017	133	529	111	226	399	1, 095	106	41
20, 237	865	4, 651	10, 942	909	5, 059	651	1, 355	3, 110	12, 208	1, 120	42
2, 859	114	440	961	120	493	101	201	372	1, 114	73	43
3, 222	140	769	1, 916	148	856	107	223	538	2, 164	231	44
2, 575	98	552	979	99	583	62	131	313	1, 000	67	54
11, 581	514	2, 891	7, 086	543	3, 128	381	800	1, 917	7, 929	748	46
8, 527	284	1, 706	3, 472	282	1, 738	197	397	1, 085	3, 510	250	47
976	20	109	236	20	115	16	33	88	272	42	48
1, 103	30	163	366	33	178	27	53	130	407	46	49
342	7	38	82	7	39	5	10	27	79	14	50
2, 453	94	596	1, 194	89	587	61	123	361	1, 155	66	51
741	15	82	150	16	83	10	21	47	171	10	52
1, 519	57	348	627	60	373	40	81	221	640	39	53
1, 110	54	328	711	52	318	33	66	182	670	23	54
283	7	42	106	7	44	5	10	29	117	8	55
43, 307	1, 799	11, 881	22, 112	1, 785	12, 235	1, 178	2, 399	7, 001	23, 336	1, 369	56
5, 250	224	1, 479	3, 029	217	1, 512	152	308	923	2, 997	173	57
4, 881	145	820	1, 575	150	906	121	244	683	1, 731	141	58
32, 201	1, 399	9, 433	17, 163	1, 388	9, 665	882	1, 805	5, 295	18, 251	1, 029	59
303	6	40	85	6	41	5	9	31	95	6	60
672	25	109	261	25	111	18	33	68	262	20	61

<sup>6</sup> Includes expenditures for plants in operation and plants under construction but not yet in operation.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. III, *1963 Census of Manufactures*, Series MC63(1)-1, and *1964 Annual Survey of Manufactures*.



**No. 1116. MANUFACTURES—GENERAL STATISTICS FOR ESTABLISHMENTS, BY  
EMPLOYEE SIZE-CLASS: 1947 TO 1963**

[In thousands, except as indicated]

ITEM AND YEAR	All estab- lish- ments	EMPLOYEE SIZE-CLASS									
		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 to 2,499	2,500 and over
<b>Establishments:</b>											
1947 <sup>1</sup> -----	241	70	47	41	40	19	14	6	3	1	1
1954 <sup>1</sup> -----	287	107	47	42	43	21	16	6	3	1	1
1958-----	299	106	51	46	46	22	17	7	3	1	1
1963-----	307	112	48	47	47	23	18	7	3	1	1
<b>Employees:</b>											
<b>Number:</b>											
1947 <sup>1</sup> -----	14,294	161	311	562	1,244	1,301	2,229	1,930	1,869	2,146	2,542
1954 <sup>1</sup> -----	15,645	258	337	600	1,360	1,475	2,430	2,118	1,963	2,227	2,876
1958-----	15,423	218	340	644	1,443	1,513	2,503	2,156	1,899	2,052	2,655
1963-----	16,235	204	326	646	1,481	1,591	2,727	2,297	2,015	2,053	2,899
<b>Payroll (mil. dol.):</b>											
1947 <sup>1</sup> -----	39,696	325	699	1,366	3,242	3,440	5,937	5,244	5,219	6,237	7,986
1954 <sup>1</sup> -----	62,963	663	1,065	2,038	4,797	5,449	9,171	8,218	8,046	9,767	13,749
1958-----	73,875	738	1,297	2,615	6,058	6,416	10,963	9,734	9,201	10,877	15,975
1963-----	93,289	888	1,490	3,124	7,283	7,908	13,926	12,176	11,564	13,344	21,428
<b>Value added by manu- facture<sup>2</sup> (mil. dol.):</b>											
1947-----	74,290	904	1,444	2,596	6,039	6,581	11,772	10,432	10,110	11,598	12,812
1954-----	116,848	1,554	2,008	3,645	8,351	9,682	17,143	15,835	15,451	18,927	24,272
1958-----	141,541	1,832	2,544	4,838	11,089	12,024	21,216	19,345	18,157	21,503	28,992
1963-----	192,103	2,110	3,045	6,155	14,241	15,832	28,826	25,663	25,391	29,237	41,819
<b>Capital expenditures, new<sup>3</sup> (mil. dol.):</b>											
1954-----	8,201	519	137	214	467	557	1,111	967	1,085	1,548	1,597
1958-----	9,544	790	217	345	643	607	1,159	1,117	1,192	1,411	2,063
1963-----	11,371	645	209	361	899	885	1,603	1,348	1,327	1,674	2,459
<b>PERCENT DISTRIBUTION</b>											
<b>Establishments:</b>											
1947 <sup>1</sup> -----	100.0	29.2	19.4	16.9	16.6	7.8	5.9	2.3	1.1	0.6	0.2
1954 <sup>1</sup> -----	100.0	37.3	16.5	14.6	14.9	7.4	5.5	2.1	1.0	0.5	0.2
1958-----	100.0	35.4	17.0	15.7	15.5	7.3	5.4	2.1	0.9	0.5	0.2
1963-----	100.0	36.5	15.8	15.3	15.4	7.5	5.7	2.2	1.0	0.4	0.2
<b>Employees:</b>											
<b>Number:</b>											
1947 <sup>1</sup> -----	100.0	1.1	2.2	3.9	8.7	9.1	15.6	13.5	13.1	15.0	17.8
1954 <sup>1</sup> -----	100.0	1.7	2.2	3.8	8.7	9.4	15.5	13.5	12.5	14.2	18.4
1958-----	100.0	1.4	2.2	4.2	9.4	9.8	16.2	14.0	12.3	13.3	17.2
1963-----	100.0	1.3	2.0	4.0	9.1	9.8	16.8	14.1	12.4	12.6	17.9
<b>Payroll (mil. dol.):</b>											
1947 <sup>1</sup> -----	100.0	0.8	1.8	3.4	8.2	8.7	15.0	13.2	13.1	15.7	20.1
1954 <sup>1</sup> -----	100.0	1.1	1.7	3.2	7.6	8.7	14.6	13.1	12.8	15.5	21.8
1958-----	100.0	1.0	1.8	3.5	8.2	8.7	14.8	13.2	12.4	14.7	21.6
1963-----	100.0	1.0	1.6	3.4	7.8	8.5	15.0	13.1	12.4	14.3	23.0
<b>Value added by manu- facture<sup>2</sup> (mil. dol.):</b>											
1947-----	100.0	1.2	1.9	3.5	8.1	8.9	15.8	14.0	13.6	15.6	17.2
1954-----	100.0	1.3	1.7	3.1	7.1	8.3	14.7	13.6	13.2	16.2	20.8
1958-----	100.0	1.3	1.8	3.4	7.8	8.5	15.0	13.7	12.8	15.2	20.5
1963-----	100.0	1.1	1.6	3.2	7.4	8.2	15.0	13.3	13.2	15.2	21.7
<b>Capital expenditures, new<sup>3</sup> (mil. dol.):</b>											
1954-----	100.0	6.3	1.7	2.6	5.7	6.8	13.5	11.8	13.2	18.9	19.4
1958-----	100.0	8.3	2.3	3.6	6.7	6.3	12.2	11.7	12.5	14.8	21.6
1963-----	100.0	5.7	1.8	3.2	7.9	7.8	14.1	11.8	11.6	14.7	21.6

<sup>1</sup> Excludes administrative offices and auxiliary units.

<sup>2</sup> For 1954, 1958, and 1963, represents adjusted value added and, for 1947, unadjusted value added. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year.

<sup>3</sup> Includes expenditures for plants under construction and not yet in operation. Data by employment size-class not available for 1947.

Source: Dept. of Commerce, Bureau of the Census; 1963 *Census of Manufactures*, Series MC 63(1)-2.



**No. 1117. MANUFACTURES—SUMMARY FOR SMSA'S WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1963**

[Employees in thousands; money figures in millions of dollars. For definition of standard metropolitan statistical area (SMSA), see text, p. 2; certain of these SMSA's differ to some extent from those in table 15]

STANDARD METROPOLITAN STATISTICAL AREA	1958				1963 (prel.)			
	Estab-lish-ments <sup>1</sup>	All em-ployees <sup>1</sup>		Value added by manu-facture, adjusted <sup>2</sup>	Estab-lish-ments <sup>1</sup>	All em-ployees <sup>1</sup>		Value added by manu-facture, adjusted <sup>2</sup>
		Num-ber	Pay-roll			Num-ber	Pay-roll	
Akron, Ohio.....	824	89	502	809	854	91	639	1,014
Albany-Schenectady-Troy, N.Y.....	765	72	385	641	731	62	395	692
Allentown-Bethlehem-Easton, Pa.-N.J.....	1,022	94	430	684	1,030	94	518	833
Anaheim-Santa Ana-Garden Grove, Calif.....	833	32	176	315	1,444	97	687	1,198
Atlanta, Ga.....	1,361	84	380	712	1,487	96	539	1,153
Baltimore, Md.....	2,112	198	1,011	1,979	2,072	191	1,184	2,356
Binghamton, N.Y.-Pa.....	431	47	228	311	404	42	259	342
Birmingham, Ala.....	675	63	336	587	674	59	362	851
Boston, Mass.....	5,803	301	1,515	2,423	5,465	293	1,769	3,014
Bridgeport, Conn.....	801	65	332	591	839	67	420	799
Buffalo, N.Y.....	1,855	174	981	1,715	1,808	163	1,105	2,069
Canton, Ohio.....	477	51	270	500	519	53	344	667
Chattanooga, Tenn.-Ga.....	434	41	166	337	455	39	194	392
Chicago, Ill.....	13,831	857	4,600	8,296	13,956	861	5,472	10,291
Cincinnati, Ohio-Ky.-Ind.....	1,900	156	833	1,555	1,971	154	989	2,057
Cleveland, Ohio.....	4,045	274	1,558	2,558	4,175	280	1,908	3,379
Columbus, Ohio.....	911	73	381	680	976	80	511	962
Dallas, Tex.....	1,809	95	462	842	2,103	110	617	1,190
Davenport-Rock Island-Moline, Ill.....	453	39	214	405	470	41	273	494
Dayton, Ohio.....	968	97	552	912	1,054	104	719	1,318
Denver, Colo.....	1,314	54	286	563	1,481	70	462	926
Detroit, Mich.....	6,604	468	2,972	4,312	7,023	494	3,847	6,690
Erie, Pa.....	428	35	179	308	472	36	221	414
Flint, Mich.....	337	59	348	586	336	69	563	1,146
Fort Worth, Tex.....	794	56	290	523	954	307	322	586
Gary-Hammond-East Chicago, Ind.....	454	100	614	1,282	428	98	722	1,648
Grand Rapids, Mich.....	1,094	56	292	548	1,170	65	393	779
Greensboro-High Point, N.C.....	589	42	144	315	638	46	195	420
Greenville, S.C.....	342	37	119	206	406	45	177	315
Hartford, Conn.....	946	89	459	723	945	90	590	949
Houston, Tex.....	1,976	105	579	1,358	2,261	109	720	1,918
Indianapolis, Ind.....	1,324	106	574	1,026	1,382	116	749	1,369
Jersey City, N.J.....	2,400	124	619	1,225	2,338	110	633	1,385
Kansas City, Mo.-Kans.....	1,708	103	524	1,069	1,755	111	685	1,514
Lancaster, Pa.....	638	44	190	368	673	48	255	533
Lawrence-Haverhill, Mass.-N.H.....	501	36	149	268	476	42	214	365
Los Angeles-Long Beach, Calif.....	17,083	697	3,971	7,081	17,679	746	4,940	8,980
Louisville, Ky.-Ind.....	898	87	435	1,161	904	88	543	1,596
Memphis, Tenn.-Ark.....	734	42	178	397	816	47	241	575
Miami, Fla.....	1,696	37	143	252	1,923	43	193	363
Milwaukee, Wis.....	2,387	190	1,041	1,765	2,405	194	1,272	2,337
Minneapolis-St. Paul, Minn.....	2,481	146	766	1,397	2,666	164	1,056	1,957
Nashville, Tenn.....	572	40	166	305	675	47	226	490
New Haven, Conn.....	731	43	206	332	731	43	253	425
New Orleans, La.....	953	47	209	475	916	309	283	618
New York, N.Y.....	40,134	1,183	5,877	9,389	39,995	1,147	6,850	11,437
Newark, N.J.....	4,424	246	1,290	2,293	4,692	250	1,614	3,016
Paterson-Clifton-Passaic, N.J.....	3,364	159	806	1,465	3,826	176	1,053	2,003
Peoria, Ill.....	338	37	196	491	368	40	278	604
Philadelphia, Pa.-N.J.....	8,251	537	2,739	4,826	8,287	536	3,311	6,032
Phoenix, Ariz.....	705	26	140	228	976	41	254	436
Pittsburgh, Pa.....	2,574	306	1,798	2,622	2,578	272	1,926	2,879
Portland, Oreg.-Wash.....	1,791	58	296	598	1,863	65	394	769
Providence-Pawtucket-Warwick, R.I.-Mass.....	2,938	127	510	852	2,918	126	596	1,075
Reading, Pa.....	702	48	194	342	677	51	255	429
Richmond, Va.....	571	43	195	455	577	46	257	559
Rochester, N.Y.....	1,032	117	640	1,175	1,214	121	838	1,762
Rockford, Ill.....	487	41	212	363	584	44	273	495
St. Louis, Mo.-Ill.....	3,220	263	1,353	2,417	3,217	260	1,666	3,119
San Diego, Calif.....	765	71	448	606	920	60	453	661
San Francisco-Oakland, Calif.....	4,520	190	1,080	2,049	4,922	196	1,357	2,568
San Jose, Calif.....	798	54	340	632	1,095	95	740	1,189
Seattle-Everett, Wash.....	1,935	115	660	1,065	2,052	122	855	1,624
South Bend, Ind.....	403	37	205	362	439	38	244	362
Springfield-Chicopee-Holyoke, Mass.-Conn.....	987	72	345	597	979	67	370	691
Syracuse, N.Y.....	775	70	367	681	772	67	423	774
Toledo, Ohio-Mich.....	967	71	410	716	1,017	71	486	911

See footnotes at end of table.

No. 1117. MANUFACTURES—SUMMARY FOR SMSA'S WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1963—Continued  
[Employees in thousands; money figures in millions of dollars]

STANDARD METROPOLITAN STATISTICAL AREA	1958				1963			
	Estab-lish-ments <sup>1</sup>	All em-ployees <sup>1</sup>		Value added by manu-facture, adjusted <sup>2</sup>	Estab-lish-ments <sup>1</sup>	All em-ployees <sup>1</sup>		Value added by manu-facture, adjusted <sup>2</sup>
		Num-ber	Pay-roll			Num-ber	Pay-roll	
Utica-Rome, N.Y.	485	41	195	345	472	38	219	447
Washington, D.C.-Md.-Va.	1,085	35	178	312	1,276	50	324	525
Waterbury, Conn.	(NA)	37	190	302	468	38	223	422
Wichita, Kans.	483	54	291	473	518	43	287	480
Wilkes-Barre—Hazleton, Pa.	699	39	123	208	768	44	165	311
Wilmington, Del.-N.J.-Md.	448	59	381	471	480	59	469	703
Worcester, Mass.	800	51	242	378	783	48	267	430
York, Pa.	710	48	195	364	724	49	224	438
Youngstown-Warren, Ohio	563	76	427	729	571	69	477	902

NA Not available.  
<sup>1</sup> Includes central administrative offices or auxiliary units which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if they were at a different location or served more than 1 establishment.  
<sup>2</sup> See footnote 2, table 1114.  
Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. III, and *1963 Census of Manufactures*, Series MC63(1)-1.

No. 1118. VALUE ADDED BY MANUFACTURE—SHARE ACCOUNTED FOR BY LARGEST MANUFACTURING COMPANIES: 1947 TO 1963  
[Percent. Companies ranked on value added by manufacture in each year shown; hence the companies in each group are not identical for all years]

COMPANY RANK GROUP	1947	1954	1958	1962 <sup>1</sup>	1963
Largest 50 companies	17	23	23	24	25
Largest 100 companies	23	30	30	32	33
Largest 150 companies	27	34	35	36	37
Largest 200 companies	30	37	38	40	41

<sup>1</sup> Based on 1962 Annual Survey of Manufactures.  
Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1963*.

No. 1119. MANUFACTURING ACTIVITY—SHARE ACCOUNTED FOR BY LARGEST MANUFACTURING COMPANIES: 1963  
[Companies ranked on value added by manufacture in 1963]

ITEM	All manu-facturing establish-ments	PERCENT ACCOUNTED FOR BY ESTABLISHMENTS OF LARGEST COMPANIES				
		Total	50 largest	51 to 100 largest	101 to 150 largest	151 to 200 largest
Establishments <sup>1</sup>	1,000	312	3	1	1	(Z)
Adjusted value added	mil. dol.	192,103	41	25	8	5
All employees: <sup>1</sup>						4
Total	1,000	16,961	31	19	6	4
Payroll	mil. dol.	99,904	39	24	8	4
Production workers:						3
Total	1,000	12,232	28	17	6	3
Man-hours	mil.	24,509	29	17	6	3
Wages	mil. dol.	62,094	36	22	7	4
Value of shipments <sup>2</sup>	mil. dol.	420,528	42	25	9	4
New capital expenditures <sup>3</sup>	mil. dol.	11,371	46	28	10	4

Z Less than 0.5 percent.  
<sup>1</sup> Includes central administrative offices and auxiliaries serving manufacturing establishments.  
<sup>2</sup> Includes substantial but unmeasurable amount of duplication since output of some establishments is used as materials by other establishments in manufacturing.  
<sup>3</sup> Includes expenditures for plants under construction but not yet in operation in 1963.  
Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1963*.

**No. 1120. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1947, 1958, AND 1963**

[Prior to 1963, excludes Alaska and Hawaii. First 50 industries as determined by value of shipments in 1963. Industry codes and descriptions are based on the 1957 *Standard Industrial Classification Manual* (SIC) as modified in 1963. Determination of company affiliation of establishments is based on Census reports and publicly available records. Value of shipment totals for establishments have been summarized into company totals in each manufacturing industry. "Largest" companies are determined by each company's value of shipments in the specified industry. Industries in the "not elsewhere classified" category are omitted, regardless of their value of shipments]

In- du- stry code <sup>1</sup>	INDUSTRY AND YEAR	Number of com- panies	VALUE OF SHIPMENTS				
			Total <sup>2</sup> (mil. dol.)	Percent made by—			
				4 largest com- panies	8 largest com- panies	20 largest com- panies	50 largest com- panies
3717	Motor vehicles and parts <sup>3</sup> -----1947--	779	(NA)	56	64	78	(NA)
	1958--	989	20,830	75	81	89	94
	1963--	1,655	36,181	79	83	90	94
3312	Blast furnaces and steel mills <sup>3 4</sup> -----1947--	(NA)	(NA)	50	66	81	(NA)
	1958--	148	13,423	53	70	84	96
	1963--	162	16,611	50	69	89	97
2911	Petroleum refining-----1947--	277	6,624	37	59	83	(NA)
	1958--	289	14,106	32	55	82	94
	1963--	266	16,497	34	56	82	95
2011	Meat slaughtering plants <sup>3</sup> -----1947--	1,999	8,970	41	54	63	(NA)
	1958--	2,646	11,972	34	46	57	65
	1963--	2,833	12,435	31	42	54	64
3662	Radio, TV communications equipment-----1963--	1,001	7,146	29	45	69	84
2026	Fluid milk-----1958--	5,008	5,802	23	29	37	45
	1963--	4,030	7,026	23	30	40	48
3721	Aircraft <sup>3</sup> -----1958--	<sup>6</sup> 113	6,438	59	83	99	99+
	1963--	82	6,317	59	83	99	99+
2051	Bread and related products-----1947--	5,985	2,404	16	26	36	(NA)
	1958--	5,305	3,699	22	33	42	51
	1963--	4,339	4,506	23	35	45	56
2711	Newspapers-----1947--	8,115	1,891	21	26	36	(NA)
	1958--	7,947	3,616	17	24	35	51
	1963--	7,982	4,484	15	22	36	52
3722	Aircraft engines and parts-----1947--	54	465	72	88	98	(NA)
	1958--	186	3,359	56	77	92	97
	1963--	194	4,101	56	77	92	98
2042	Prepared animal feeds-----1947--	2,372	2,112	19	27	40	(NA)
	1958--	2,016	2,942	22	30	43	56
	1963--	2,150	3,880	22	28	40	54
2621	Paper mills, except building-----1963--	186	3,825	26	42	63	85
2834	Pharmaceutical preparations-----1947--	1,123	941	28	44	64	(NA)
	1958--	1,064	2,533	27	45	73	87
	1963--	944	3,314	22	38	72	89
2421	Sawmills and planing mills-----1963--	11,931	3,156	11	14	20	29
2211	Weaving mills, cotton-----1947--	( <sup>6</sup> )	2,913	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
	1958--	321	2,719	25	40	59	79
	1963--	229	3,104	30	46	67	87
3011	Tires and inner tubes-----1963--	105	2,950	70	89	97	99+
3522	Farm machinery and equipment-----1963--	1,481	2,842	43	55	67	77
2033	Canned fruits and vegetables-----1963--	1,135	<sup>7</sup> 2,743	24	34	50	66
3531	Construction machinery-----1963--	561	2,696	42	53	70	84
3461	Metal stampings-----1958--	(NA)	2,021	12	18	(NA)	(NA)
	1963--	2,491	2,679	13	19	29	43
2111	Cigarettes-----1947--	19	<sup>7</sup> 1,132	90	99+	100	(X)
	1958--	12	<sup>7</sup> 2,159	79	99+	100	(X)
	1963--	7	<sup>7</sup> 2,655	80	100	(X)	(X)
2751	Printing, except lithographic-----1963--	11,979	2,645	13	19	28	38
2821	Plastics materials and resins-----1947--	94	478	44	63	89	(NA)
	1958--	273	1,811	40	56	79	92
	1963--	391	2,571	35	49	69	87
2851	Paints and allied products-----1963--	1,579	2,456	23	34	47	60
2335	Dresses-----1963--	4,577	2,411	6	9	14	23
2631	Paperboard mills-----1963--	146	2,315	27	43	67	90

See footnotes at end of table.



No. 1120. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1947, 1958, AND 1963—Continued

Industry code <sup>1</sup>	INDUSTRY AND YEAR	Number of companies	VALUE OF SHIPMENTS				
			Total <sup>2</sup> (mil. dol.)	Percent made by—			
				4 largest companies	8 largest companies	20 largest companies	50 largest companies
2082	Malt liquors.....1947.....	404	1,316	21	30	44	(NA)
	.....1958.....	211	1,980	28	44	68	88
	.....1963.....	171	2,315	34	52	78	94
2721	Periodicals.....1947.....	2,106	1,060	34	43	58	(NA)
	.....1958.....	2,245	1,651	31	41	55	69
	.....1963.....	2,562	2,296	28	42	59	73
3273	Ready mixed concrete <sup>3</sup> .....1958.....	3,014	1,559	4	7	13	21
	.....1963.....	3,999	2,293	4	7	13	22
3651	Radio and TV receiving sets.....1963.....	322	2,255	41	62	82	94
3141	Shoes, except rubber <sup>4</sup> .....1947.....	1,077	1,727	28	35	45	(NA)
	.....1958.....	871	2,026	27	34	43	55
	.....1963.....	785	2,251	25	32	43	57
2015	Poultry dressing plants.....1963.....	842	2,241	14	20	30	47
2086	Bottled and canned soft drinks.....1947.....	5,169	748	10	14	20	(NA)
	.....1958.....	3,989	1,435	11	15	22	28
	.....1963.....	3,569	2,211	12	17	24	34
3352	Aluminum rolling and drawing.....1963.....	168	2,196	68	79	87	95
2041	Flour mills.....1947.....	1,084	2,527	29	41	57	(NA)
	.....1958.....	703	1,970	38	51	68	85
	.....1963.....	510	2,177	35	50	71	88
2653	Corrugated shipping containers.....1963.....	520	2,166	20	36	63	79
2752	Printing, lithographic.....1963.....	6,738	2,150	6	10	16	25
2013	Meat processing plants <sup>3</sup> .....1963.....	1,273	2,130	16	23	35	51
2841	Soap and other detergents.....1963.....	641	2,128	72	80	88	93
3357	Nonferrous wire drawing, etc.....1963.....	211	2,118	44	62	79	92
3411	Metal cans.....1947.....	102	679	78	86	94	(NA)
	.....1958.....	84	1,804	80	89	97	99
	.....1963.....	99	2,075	74	85	95	99
3599	Miscellaneous machinery.....1963.....	12,032	2,036	8	12	20	27
3571	Computing and related machines.....1963.....	213	2,020	67	80	92	98
3321	Gray-iron foundries <sup>10</sup> .....1947.....	1,554	1,173	16	24	35	(NA)
	.....1958.....	1,199	1,406	24	33	47	61
	.....1963.....	1,062	1,985	28	37	51	65
3585	Refrigeration machinery <sup>3</sup> .....1963.....	655	1,928	25	39	58	77
3441	Fabricated structural steel.....1963.....	1,636	1,916	15	20	28	41
2095	Roasted coffee.....1963.....	261	1,868	52	68	84	94
2511	Wood furniture, not upholstered.....1947.....	2,208	899	7	11	19	(NA)
	.....1958.....	2,742	1,311	9	13	22	34
	.....1963.....	2,937	1,858	11	16	25	39
3861	Photographic equipment.....1947.....	346	457	61	70	81	(NA)
	.....1958.....	450	1,134	65	74	85	93
	.....1963.....	499	1,851	63	76	86	93
2844	Toilet preparations.....1947.....	692	381	24	38	59	(NA)
	.....1958.....	721	997	29	45	70	87
	.....1963.....	673	1,793	38	52	75	90

NA Not available. X Not applicable. <sup>1</sup> Standard Industrial Classification code.<sup>2</sup> Figures not completely comparable between 1963 and prior years. Comprises, for all manufacturing establishments classified in an industry, (a) value of products "primary" to the industry, (b) value of "secondary" products, which are primary to other industries, and (c) "miscellaneous receipts" such as those for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.<sup>3</sup> Value added by manufacture used as basis for computing percentages because value of shipments data (used for ranking) contain substantial duplication. For 1963, value added is adjusted; for prior years, unadjusted.<sup>4</sup> For 1947, based on combined figures for Industry 3311, Blast Furnaces; Industry 3312, Steelworks and Rolling Mills; Industry 2931, Beehive Coke Ovens; and Industry 2932, Byproduct Coke ovens.<sup>5</sup> A number of small establishments was misclassified into this industry affecting the number of companies, but having no appreciable effect on value or percentage of shipments.<sup>6</sup> Comparable data not available.<sup>7</sup> Value of production shown rather than value of shipments. Includes value of primary and secondary products made, miscellaneous receipts such as contract and commission work on materials owned by others, scrap and other salable refuse, and the value of products bought and resold in the same condition. For 1958, excludes resales.<sup>8</sup> Included in 1958 Census for first time.<sup>9</sup> For 1947 and 1958, value of production; does not affect significantly 1963 comparability with prior years.<sup>10</sup> Includes "captive" foundries (producing gray-iron castings for other plants of the same company). Accordingly, percentages do not reflect market shares in industry as such.Source: Dept. of Commerce, Bureau of the Census; *Concentration Ratios in Manufacturing Industry, 1963*, and unpublished data.

# **No. 1121. MANUFACTURING FACILITIES ACQUIRED BY COMPANIES ENGAGED IN MANUFACTURING: 1959-1962**

[Acquisition (or disposal) defined as a transfer of control of a manufacturing establishment (or group of establishments) through purchase, sale, lease, or otherwise to another company already engaged in manufacturing. Includes active plants only and both complete and partial transfers. For details, see source. "N.e.c." means not elsewhere classified]

INDUSTRY CATEGORY OF ACQUIRING COMPANY <sup>1</sup>	All companies, average manufacturing employment, 1958	COMPANIES MAKING ACQUISITIONS, 1959-1962		MANUFACTURING FACILITIES ACQUIRED					
		Number	Average employment, 1958 <sup>2</sup>	Total, 1959-1962		1961		1962	
				Number	Average employment <sup>3</sup>	Number	Average employment, 1960	Number	Average employment, 1961
<b>Total</b> .....	<b>15,387,707</b>	<b>1,841</b>	<b>5,230,173</b>	<b>3,322</b>	<b>819,683</b>	<b>774</b>	<b>225,425</b>	<b>893</b>	<b>183,832</b>
Food and kindred products.....	1,735,311	278	550,859	533	91,918	141	29,457	140	20,647
Tobacco manufactures.....	88,755	11	20,976	16	4,685	4	(D)	5	(D)
Textile mill products.....	904,273	91	253,885	157	63,338	32	11,183	34	12,967
Apparel and related products.....	1,159,674	57	72,610	106	32,481	32	11,744	38	9,717
Lumber and wood products.....	559,662	70	75,056	132	28,173	19	3,562	27	7,521
Furniture and fixtures.....	331,911	45	45,077	62	9,353	22	3,298	15	2,871
Paper and allied products.....	503,652	89	199,728	206	57,044	38	10,635	53	9,354
Printing and publishing.....	859,428	63	116,838	98	23,282	23	3,929	32	9,442
Chemicals and allied products.....	731,988	115	372,039	224	50,736	60	14,602	70	21,162
Petroleum and coal products.....	193,377	25	56,431	40	8,378	3	(D)	12	(D)
Rubber and plastics prod., n.e.c.....	346,300	50	184,850	80	12,767	20	5,556	25	3,444
Leather and leather products.....	344,669	26	26,136	34	13,302	8	1,899	13	3,372
Stone, clay, and glass products.....	545,075	85	158,214	148	28,846	23	3,567	38	5,408
Primary metal industries.....	1,106,648	107	519,531	193	51,256	39	14,557	54	7,846
Fabricated metal products.....	987,873	156	222,877	245	38,645	55	6,525	64	6,998
Machinery, except electrical.....	1,296,314	176	395,338	268	55,715	62	10,877	78	13,752
Electrical machinery.....	1,164,806	170	619,926	323	101,946	32	29,176	75	23,247
Transportation equipment.....	1,816,047	114	1,158,308	246	106,634	51	49,700	65	13,819
Instruments and related prod.....	310,382	63	144,909	120	23,579	35	6,022	31	5,004
Misc. mfg., incl. ordnance.....	401,562	50	36,585	91	17,605	25	6,694	24	3,301

D Withheld to avoid disclosure of figures for individual companies.

<sup>1</sup> Industry classification based on manufacturing activities only.

<sup>2</sup> Employment in the first full year of operation was used for companies entering manufacturing after 1958.

<sup>3</sup> Employment of the acquired company is for the last full year of operation prior to the change in ownership.

Source: Dept. of Commerce, Bureau of the Census; 1962 *Annual Survey of Manufactures*.

# **No. 1122. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS: 1954 TO 1966**

[In billions of dollars, except ratios. Prior to 1960, excludes Alaska and Hawaii. Shipments and new orders for calendar year; unfilled orders and inventories as of December 31, unadjusted for seasonal variation. Data include manufacturing activities of all companies. See *Historical Statistics, Colonial Times to 1957*, series T 378-386, for related but not comparable data]

ITEM	1954	1955	1958	1960	1961	1962	1963	1964	1965	1966
<b>Shipments</b> .....	<b>280.3</b>	<b>317.8</b>	<b>327.4</b>	<b>369.6</b>	<b>370.6</b>	<b>399.7</b>	<b>417.3</b>	<b>445.6</b>	<b>483.3</b>	<b>528.4</b>
Durable goods industries.....	141.9	168.9	162.9	189.8	186.4	206.2	216.8	230.8	252.2	276.1
Nondurable goods industries.....	138.3	148.9	164.5	179.7	184.2	193.5	200.4	214.8	231.1	252.4
<b>Inventories</b> .....	<b>41.8</b>	<b>45.2</b>	<b>50.0</b>	<b>53.5</b>	<b>54.8</b>	<b>57.4</b>	<b>59.7</b>	<b>62.6</b>	<b>67.6</b>	<b>77.4</b>
Durable goods industries.....	23.8	26.4	29.9	32.0	32.2	33.9	35.6	38.0	41.8	49.4
Nondurable goods industries.....	18.0	18.8	20.1	21.6	22.5	23.5	24.2	24.6	25.8	28.0
Ratio of inventories to sales: <sup>1</sup>										
All manufacturing.....	1.81	1.62	1.84	1.76	1.74	1.70	1.69	1.64	1.62	1.66
Durable goods.....	2.05	1.76	2.22	2.08	2.05	1.97	1.95	1.91	1.92	1.99
Nondurable goods.....	1.56	1.47	1.45	1.42	1.44	1.42	1.41	1.35	1.29	1.28
Inventories by stages of fabrication:										
All manufacturing.....	41.8	45.2	50.0	53.5	54.8	57.4	59.7	62.6	67.6	77.4
Materials and supplies.....	16.5	18.2	19.0	19.7	20.1	20.7	20.9	21.6	23.2	25.6
Work in process.....	12.1	13.2	15.0	15.5	16.0	17.1	17.9	19.1	21.5	26.1
Finished goods.....	13.3	13.8	16.0	18.3	18.7	19.7	20.9	21.9	22.9	25.7
Durable goods industries.....	23.8	26.4	29.9	32.0	32.2	33.9	35.6	38.0	41.8	49.4
Materials and supplies.....	8.1	9.4	10.1	10.4	10.3	10.6	10.9	11.8	13.0	14.9
Work in process.....	9.7	10.7	12.2	12.6	13.0	13.9	14.6	15.7	17.8	21.9
Finished goods.....	6.0	6.3	7.6	9.0	8.9	9.4	10.1	10.6	11.0	12.7
Nondurable goods industries.....	18.0	18.8	20.1	21.6	22.5	23.5	24.2	24.6	25.8	28.0
Materials and supplies.....	8.4	8.8	8.9	9.3	9.8	10.0	10.0	9.9	10.2	10.8
Work in process.....	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.4	3.7	4.2
Finished goods.....	7.3	7.5	8.5	9.4	9.8	10.3	10.8	11.4	11.8	13.0
<b>New orders</b> .....	<b>267.8</b>	<b>329.1</b>	<b>322.8</b>	<b>361.4</b>	<b>372.7</b>	<b>398.0</b>	<b>420.4</b>	<b>452.4</b>	<b>492.3</b>	<b>512.2</b>
Durable goods industries.....	128.9	179.4	158.0	182.7	188.0	205.0	219.6	237.6	260.7	289.8
Nondurable goods industries.....	138.8	149.6	164.8	178.7	184.8	193.0	200.8	214.7	231.5	252.3
<b>Unfilled orders</b> .....	<b>48.2</b>	<b>60.0</b>	<b>48.8</b>	<b>45.8</b>	<b>47.9</b>	<b>46.2</b>	<b>49.1</b>	<b>56.0</b>	<b>64.9</b>	<b>78.6</b>
Durable goods industries.....	45.2	56.4	45.7	43.2	44.8	43.7	46.2	53.0	61.5	75.3
Nondurable goods industries.....	3.0	3.7	3.1	2.6	3.1	2.6	3.0	2.9	3.4	3.3

<sup>1</sup> Ratios based on average inventories to average monthly sales.

Source: Dept. of Commerce, Bureau of the Census; *Manufacturers' Shipments, Inventories, and Orders: 1947-1965 Revised*, Series M3-1, and *Current Industrial Reports*, Series M3-1.



# **No. 1123. MANUFACTURERS' INVENTORIES, 1965, AND AGGREGATE HORSEPOWER, 1962, BY MAJOR INDUSTRY GROUP**

[As of end of year. Data based on Standard Industrial Classification, 1957, and not comparable with figures shown in the 1960 and earlier editions of the *Statistical Abstract*; see text, p. 736. "N.e.c." means not elsewhere classified]

MAJOR INDUSTRY GROUP	INVENTORIES (mil. dol.)				AGGREGATE HORSEPOWER <sup>1</sup>	
	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total (1,000)	Per 100 production workers
<b>All industries</b> .....	<b>67,748</b>	<b>22,143</b>	<b>21,603</b>	<b>24,002</b>	<b>151,498</b>	<b>1,249</b>
Food and kindred products.....	6,733	3,870	453	2,410	11,884	1,062
Tobacco products.....	2,380	96	30	2,254	295	438
Textile mill products.....	2,775	1,097	768	910	5,043	643
Apparel and related products.....	2,408	1,098	466	844	250	23
Lumber and wood products.....	1,339	555	302	483	7,710	1,572
Furniture and fixtures.....	929	265	235	429	1,265	413
Paper and allied products.....	1,927	665	224	1,038	12,447	2,690
Printing and publishing.....	1,447	530	364	553	1,746	309
Chemicals and allied products.....	4,398	2,137	646	1,615	20,553	4,373
Petroleum and coal products.....	1,804	1,071	369	365	9,916	9,008
Rubber and plastics products, n.e.c.....	1,385	729	227	429	3,549	1,131
Leather and leather products.....	606	228	148	229	587	191
Stone, clay, and glass products.....	1,660	877	221	562	8,716	1,881
Primary metal industries.....	6,566	1,801	2,102	2,663	33,304	3,614
Fabricated metal products.....	4,853	1,315	1,627	1,911	6,974	836
Machinery, except electrical.....	8,726	2,386	4,152	2,188	8,643	837
Electrical machinery.....	6,208	1,549	2,923	1,736	4,813	471
Transportation equipment.....	8,367	893	5,063	2,411	10,699	953
Instruments and related products.....	1,435	431	632	372	860	378
Miscellaneous manufactures <sup>2</sup> .....	1,801	551	652	599	2,215	529

<sup>1</sup> See headnote, table 1125.

<sup>2</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Dept. of Commerce, Bureau of the Census; 1965 *Annual Survey of Manufactures*, Series MC 65(AS)-3, and 1963 *Census of Manufactures*, Series MC 63(1)-6.

# **No. 1124. DEFENSE-ORIENTED INDUSTRIES—SHIPMENTS, BY INDUSTRY AND CUSTOMER CATEGORIES: 1965**

[In millions of dollars. Preliminary. Covers establishments accounting for over 95 percent of all shipments of 29 selected industries]

INDUSTRY	Total value of shipments of all establishments on the mailing panel	ALL ESTABLISHMENTS REPORTING SHIPMENTS TO THE GOVERNMENT			Other establishments <sup>1</sup>
		Total	Government	Non-government	
<b>All industries</b> .....	<b>48,277</b>	<b>45,342</b>	<b>24,368</b>	<b>20,974</b>	<b>2,935</b>
<b>Machinery and machine tools</b> .....	<b>8,989</b>	<b>8,260</b>	<b>740</b>	<b>7,520</b>	<b>729</b>
Steam engines and turbines.....	789	781	137	644	8
Construction machinery.....	3,332	3,112	140	2,972	220
Metalcutting machine tools.....	1,257	1,080	54	1,026	177
Metalforming machine tools.....	437	331	12	319	106
Computing and related machines.....	3,174	2,956	397	2,559	218
<b>Communications</b> .....	<b>8,691</b>	<b>8,419</b>	<b>5,070</b>	<b>3,349</b>	<b>272</b>
Telephone, telegraph apparatus.....	2,239	2,202	116	2,086	37
Radio, TV, communications equipment.....	6,452	6,217	4,954	1,263	235
<b>Electronic equipment</b> .....	<b>4,608</b>	<b>4,007</b>	<b>962</b>	<b>3,045</b>	<b>601</b>
Electron and cathode ray picture tubes.....	1,030	919	245	674	111
Semiconductors.....	879	835	197	638	44
Electronic components, other.....	2,699	2,253	520	1,733	446
<b>Aircraft</b> .....	<b>17,296</b>	<b>17,096</b>	<b>13,708</b>	<b>3,388</b>	<b>200</b>
Aircraft and guided missiles.....	10,220	10,186	8,273	1,913	34
Engines and parts.....	4,076	3,989	3,150	839	87
Propellers and parts, other equipment.....	3,000	2,921	2,285	636	79
<b>Shipbuilding, repairing, and ordnance, except missiles</b> .....	<b>3,516</b>	<b>3,341</b>	<b>2,446</b>	<b>895</b>	<b>175</b>
<b>Instruments and photographic equipment</b> .....	<b>4,299</b>	<b>3,341</b>	<b>680</b>	<b>2,661</b>	<b>958</b>
Scientific instruments.....	421	377	167	210	44
Other instruments <sup>2</sup> .....	1,503	1,169	204	965	334
Photographic equipment.....	2,375	1,795	309	1,486	580
<b>Miscellaneous industries <sup>3</sup></b> .....	<b>878</b>	<b>878</b>	<b>762</b>	<b>116</b>	<b>-</b>

- Represents zero. <sup>1</sup> Includes establishments reporting no government shipments.

<sup>2</sup> Includes all mechanical measuring devices.

<sup>3</sup> Reported by nonmanufacturing facilities of the manufacturing companies canvassed.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA 175.



**NO. 1125. MANUFACTURES—HORSEPOWER OF POWER EQUIPMENT: 1899 TO 1962**

[In thousands, except aggregate per 100 workers. Prior to 1954, excludes Alaska and Hawaii. Aggregate represents unduplicated rating of total installed equipment; comprises horsepower of prime movers plus horsepower of electric motors driven by purchased electric energy. Prime movers are mechanical engines and turbines which originally convert fuels or force (as wind or falling water) into work and power]

YEAR	Aggregate	PRIME MOVERS			ELECTRIC MOTORS			Aggregate per 100 production workers
		Total	Driving generators	Not driving generators	Total	Driven by purchased energy	Driven by energy generated at establishment	
1899.....	9,811	9,633	(NA)	(NA)	475	178	297	218
1904.....	13,033	12,605	(NA)	(NA)	1,517	428	1,089	252
1909.....	18,062	16,393	(NA)	(NA)	4,582	1,669	2,913	288
1914.....	21,565	17,858	(NA)	(NA)	8,392	3,707	4,684	326
1919.....	28,397	19,432	(NA)	(NA)	15,612	8,965	6,647	333
1925.....	34,359	19,243	(NA)	(NA)	25,092	15,116	9,976	437
1927.....	37,126	18,902	(NA)	(NA)	29,153	18,224	10,929	473
1929.....	41,122	19,328	(NA)	(NA)	33,844	21,794	12,050	491
1939 <sup>1</sup> .....	49,893	21,077	13,849	7,228	44,827	23,816	16,011	652
1954 <sup>2</sup> .....	108,100	35,763	21,036	14,727	91,505	72,337	19,168	958
1962.....	151,498	45,770	24,097	21,673	126,783	105,728	21,054	1,249

NA Not available.

<sup>1</sup> Includes revisions due primarily to differences in scope of the 1939 and 1954 Censuses.

<sup>2</sup> Includes revised figures for Industry 3851, Ophthalmic goods.

Source: Dept. of Commerce, Bureau of the Census; 1963 *Census of Manufactures*, Series MC63(1)-6.

**NO. 1126. CAPITAL IN MANUFACTURING INDUSTRIES: 1940 TO 1965**

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Data refer to privately owned manufacturing industries and are based on the fixed capital formation components of the gross national product. For detailed discussion, see source. See also *Historical Statistics, Colonial Times to 1967*, series P 24-26, and for data on 1947=100 base, series P 20-23 and P 27-29]

ITEM	1940	1945	1950	1955	1960	1961	1962	1963	1964	1965
<b>Purchases of structures and equipment:</b>										
In current dollars.....	1.9	3.1	5.5	8.6	10.2	9.9	10.6	11.4	13.6	15.7
Structures.....	.7	.9	1.6	2.7	2.8	2.8	2.7	2.9	3.1	3.5
Equipment.....	1.3	2.2	3.9	5.9	7.4	7.1	7.8	8.6	10.5	12.2
In 1958 dollars.....	4.8	5.7	7.7	10.1	9.9	9.6	10.1	10.9	12.7	14.5
Structures.....	2.0	1.9	2.2	3.2	2.8	2.7	2.6	2.7	2.8	3.1
Equipment.....	2.8	3.8	5.5	7.0	7.1	6.9	7.5	8.2	9.9	11.3
<b>Depreciation (straight line) on structures and equipment:</b>										
In current dollars.....	1.6	2.2	4.6	6.9	9.7	9.9	10.2	10.5	11.0	11.8
Structures.....	.7	.9	1.6	2.0	2.6	2.7	2.8	2.9	3.0	3.1
Equipment.....	.9	1.3	3.0	4.9	7.1	7.3	7.4	7.6	8.0	8.6
In 1958 dollars.....	4.2	4.1	6.4	8.1	9.4	9.6	9.7	9.9	10.3	10.7
Structures.....	2.1	1.9	2.1	2.3	2.6	2.6	2.6	2.7	2.7	2.7
Equipment.....	2.0	2.2	4.2	5.8	6.9	7.0	7.1	7.3	7.6	8.0
<b>Net formation of capital:<sup>1</sup></b>										
In current dollars.....	.3	.9	.9	1.7	.5	-.1	.4	.9	2.5	3.9
Structures.....	-.1	-	-	.7	.2	.1	-	-	.1	.4
Equipment.....	.4	.9	.9	1.0	.3	-.1	.4	.9	2.4	3.5
In 1958 dollars.....	.6	1.6	1.3	2.0	.5	-	.4	1.0	2.5	3.7
Structures.....	-.1	-	-	.9	.2	.1	-	-	.1	.4
Equipment.....	.7	1.6	1.3	1.2	.3	-.1	.4	.9	2.4	3.3
<b>Real net value of structures, equipment, and inventories in 1958 dollars:</b>										
44.8	55.1	86.1	117.2	140.9	142.8	147.1	151.5	158.5	168.1	
Structures and equipment <sup>2</sup> .....	14.7	20.0	44.1	62.9	81.7	82.5	84.0	86.4	90.9	96.4
Structures.....	8.7	10.9	22.5	29.4	37.9	38.5	39.3	40.4	41.6	43.1
Equipment.....	6.1	9.0	21.6	33.5	43.9	44.0	44.7	46.0	49.2	53.3
Inventories.....	30.1	35.1	42.0	54.2	59.2	60.3	63.1	65.1	67.6	71.7

- Represents zero.

<sup>1</sup> Represents the difference between the purchase and depreciation series.

<sup>2</sup> Represents real net value of structures and equipment in preceding year plus net formation of capital for year shown.

Source: Dept. of Commerce, Office of Business Economics; *U.S. Income and Output*, and *Survey of Current Business*, July issues.

# **No. 1127. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY MAJOR INDUSTRY GROUPS: 1954 TO 1965**

[In millions of dollars. 1954, excludes Alaska and Hawaii. Covers establishments in operation and under construction. "N.e.c." means not elsewhere classified. See headnote, table 1123]

MAJOR INDUSTRY GROUP	1954 <sup>1</sup>	1958	1960	1963	1964	1965
<b>All industries.....</b>	<b>8, 201</b>	<b>9, 544</b>	<b>10, 070</b>	<b>11, 371</b>	<b>13, 287</b>	<b>16, 534</b>
Food and kindred products.....	799	1, 018	1, 042	1, 249	1, 413	1, 461
Tobacco manufactures.....	28	48	47	54	59	59
Textile mill products.....	224	212	326	382	504	636
Apparel and related products.....	77	90	85	129	123	165
Lumber and wood products.....	235	287	320	395	387	474
Furniture and fixtures.....	62	82	80	110	108	155
Paper and allied products.....	533	634	655	709	902	1, 156
Printing and publishing.....	237	422	402	464	465	535
Chemicals and allied products.....	1, 021	1, 244	1, 283	1, 546	1, 862	2, 516
Petroleum and coal products.....	705	682	485	414	413	604
Rubber and plastics products, n.e.c.....	174	197	299	343	399	493
Leather and leather products.....	29	32	35	35	38	46
Stone, clay, and glass products.....	(NA)	489	541	608	627	735
Primary metal industries.....	989	1, 544	1, 614	1, 446	1, 886	2, 274
Fabricated metal products.....	459	464	483	570	727	805
Machinery, except electrical.....	(NA)	700	700	783	939	1, 224
Electrical machinery.....	(NA)	468	616	702	761	1, 036
Transportation equipment.....	1, 003	630	725	1, 022	1, 261	1, 670
Instruments and related products.....	99	115	170	192	160	232
Miscellaneous manufacturing.....	}	(NA)	163	131	137	163
Ordinance and accessories <sup>2</sup> .....				88	117	94

NA Not available. <sup>1</sup> Not strictly comparable with figures for later years due to differences in coverage.

<sup>2</sup> Includes privately owned and/or operated establishments. Excludes government-owned and operated establishments.

Source: Dept. of Commerce, Bureau of the Census: *U.S. Census of Manufactures: 1958*, Vol. I, *1963 Census of Manufactures*, Series MC63(1)-5, and *1962, 1964, and 1965 Annual Survey of Manufactures*.

# **No. 1128. WATER USE IN MANUFACTURING, BY MAJOR INDUSTRY GROUP: 1964**

[In billions of gallons. For establishments reporting intake of 20 million or more gallons of water, which account for more than 95 percent of the water used in manufacturing. "N.e.c." means not elsewhere classified]

MAJOR INDUSTRY GROUP	Total water intake	Fresh	Brackish <sup>1</sup> (salt)	WATER DISCHARGE		Gross water used
				Total	Treated prior to discharge <sup>2</sup>	
<b>All industries.....</b>	<b><sup>3</sup> 14, 045</b>	<b><sup>3</sup> 11, 209</b>	<b>2, 836</b>	<b><sup>3</sup> 13, 157</b>	<b><sup>3</sup> 3, 825</b>	<b><sup>3</sup> 30, 599</b>
Food and kindred products.....	760	681	79	688	158	1, 280
Tobacco products.....	3	3	-	2	(Z)	19
Textile mill products.....	148	146	1	135	35	311
Lumber and wood products.....	151	126	24	123	34	217
Furniture and fixtures.....	3	3	-	3	(Z)	4
Paper and allied products.....	2, 071	1, 918	152	1, 947	707	6, 026
Chemicals and allied products.....	3, 888	2, 548	1, 340	3, 662	580	7, 577
Petroleum and coal products.....	1, 398	710	688	1, 317	1, 006	6, 161
Rubber and plastics products, n.e.c.....	163	162	1	155	9	336
Leather and leather products.....	16	16	(Z)	15	7	18
Stone, clay, and glass products.....	249	209	39	218	41	389
Primary metal industries.....	4, 578	4, 150	428	4, 312	1, 178	6, 778
Fabricated metal products.....	57	56	2	53	9	123
Machinery, except electrical.....	157	129	27	149	12	287
Electrical machinery.....	105	104	1	91	15	266
Transportation equipment.....	247	193	54	237	24	663
Instruments and related products.....	29	29	(Z)	26	9	76
Miscellaneous manufactures.....	13	13	-	12	(Z)	22

- Represents zero. Z Less than 500 million gallons.

<sup>1</sup> Containing more than 1,000 parts per million of dissolved solids.

<sup>2</sup> Includes simple as well as complex treatment.

<sup>3</sup> Includes "Ordinance and accessories," not available separately.

Source: Dept. of Commerce, Bureau of the Census: *1963 Census of Manufactures*, Series MC63(1)-10.

## Plant and Equipment Expenditures

757

No. 1129. MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT,  
BY STATES: 1954 TO 1964

[In millions of dollars. 1954, 1958, and 1963 data based on complete count; other years based on sample and subject to sampling variability. Covers establishments in operation and under construction, except as noted]

STATE	1954	1958	1960	1961	1962	1963	1964 (prel.)
<b>United States</b> .....	<b>1 8,201</b>	<b>2 9,552</b>	<b>10,070</b>	<b>9,764</b>	<b>10,424</b>	<b>2 11,365</b>	<b>2 13,436</b>
<b>New England</b> .....	<b>3 424</b>	<b>534</b>	<b>618</b>	<b>594</b>	<b>660</b>	<b>639</b>	<b>695</b>
Maine.....	59	44	55	54	49	62	72
New Hampshire.....	3 18	24	26	29	31	31	42
Vermont.....	3 9	12	14	19	20	16	22
Massachusetts.....	3 181	229	289	277	287	273	294
Rhode Island.....	28	30	36	44	49	43	42
Connecticut.....	3 130	195	198	171	224	215	223
<b>Middle Atlantic</b> .....	<b>1,606</b>	<b>2,058</b>	<b>2,056</b>	<b>1,892</b>	<b>2,057</b>	<b>2,086</b>	<b>2,353</b>
New York.....	581	792	742	682	758	784	917
New Jersey.....	392	450	473	468	533	525	504
Pennsylvania.....	633	816	842	742	767	778	932
<b>East North Central</b> .....	<b>2,727</b>	<b>2,711</b>	<b>2,989</b>	<b>2,698</b>	<b>2,738</b>	<b>3,221</b>	<b>4,306</b>
Ohio.....	771	796	806	752	776	848	1,085
Indiana.....	3 301	515	549	451	382	555	910
Illinois.....	575	730	719	702	769	776	926
Michigan.....	898	465	656	563	556	762	1,040
Wisconsin.....	3 169	204	259	229	255	281	346
<b>West North Central</b> .....	<b>400</b>	<b>561</b>	<b>517</b>	<b>545</b>	<b>590</b>	<b>669</b>	<b>740</b>
Minnesota.....	87	109	117	140	139	159	168
Iowa.....	78	103	138	125	109	127	174
Missouri.....	3 124	186	160	171	206	211	229
North Dakota.....	16	9	2	4	3	8	7
South Dakota.....	3	5	7	10	16	7	10
Nebraska.....	36	50	34	39	44	46	50
Kansas.....	3 53	99	59	57	73	106	102
<b>South Atlantic</b> .....	<b>832</b>	<b>1,073</b>	<b>1,214</b>	<b>1,322</b>	<b>1,490</b>	<b>1,569</b>	<b>1,696</b>
Delaware.....	3 23	28	32	58	58	89	73
Maryland.....	3 94	128	179	196	224	176	157
District of Columbia.....	7	15	22	16	15	13	10
Virginia.....	3 110	146	143	179	183	232	277
West Virginia.....	3 99	167	126	114	168	173	180
North Carolina.....	3 130	191	240	227	294	314	362
South Carolina.....	62	76	144	159	165	179	237
Georgia.....	173	170	173	148	191	202	228
Florida.....	105	152	153	225	192	191	171
<b>East South Central</b> .....	<b>430</b>	<b>555</b>	<b>571</b>	<b>521</b>	<b>573</b>	<b>747</b>	<b>878</b>
Kentucky.....	153	113	111	122	140	224	205
Tennessee.....	156	210	217	193	194	245	302
Alabama.....	3 82	165	202	167	129	147	266
Mississippi.....	3 37	68	41	39	109	131	106
<b>West South Central</b> .....	<b>766</b>	<b>895</b>	<b>786</b>	<b>928</b>	<b>857</b>	<b>915</b>	<b>1,120</b>
Arkansas.....	3 43	48	67	71	75	73	73
Louisiana.....	3 174	173	139	166	147	211	231
Oklahoma.....	52	62	66	45	46	64	67
Texas.....	479	611	515	647	588	567	748
<b>Mountain</b> .....	<b>3 125</b>	<b>186</b>	<b>224</b>	<b>232</b>	<b>232</b>	<b>247</b>	<b>250</b>
Montana.....	3 21	20	18	18	23	39	42
Idaho.....	3 19	19	37	26	27	28	46
Wyoming.....	7	7	11	10	4	14	14
Colorado.....	3 30	51	60	59	83	68	66
New Mexico.....	7	25	24	11	9	10	10
Arizona.....	14	28	35	67	39	49	39
Utah.....	3 23	31	34	36	40	30	23
Nevada.....	5	5	5	4	6	9	8
<b>Pacific</b> .....	<b>1 3 842</b>	<b>1,057</b>	<b>1,095</b>	<b>1,033</b>	<b>1,228</b>	<b>1,290</b>	<b>1,369</b>
Washington.....	3 147	160	142	141	186	143	173
Oregon.....	3 68	123	120	114	109	132	141
California.....	591	753	770	741	912	985	1,029
Alaska.....	(NA)	3	3	5	6	14	6
Hawaii.....	(NA)	17	61	32	14	15	20

NA Not available.

1 Excludes Alaska and Hawaii.

2 U.S. totals based on industry rather than State detail; therefore, breakdown will not add to total.

3 Expenditures for establishments under construction are excluded to avoid disclosing figures for individual companies.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Manufactures: 1958*, Vol. I, *Annual Survey of Manufactures*, and *1963 Census of Manufactures*, Series MC63(1)-5.



No. 1130. DENATURED ALCOHOL: 1930 TO 1966

(For years ending June 30. Excludes Alaska; includes Puerto Rico)

YEAR	Alcohol produced <sup>1</sup>	Dena- turing facilities operated	SPECIALLY DENA- TURED ALCOHOL		Ethyl alcohol used for denatura- tion <sup>2</sup>	DENATURED ALCOHOL PRODUCED		
			Dealers operating	Users operating		Total <sup>3</sup>	Com- pletely denatured	Special- ly dena- tured <sup>3</sup>
	1,000 proof gallons				1,000 proof gallons	1,000 wine gallons	1,000 wine gallons	1,000 wine gallons
1930-----	193, 824	68	81	4, 306	185, 001	106, 777	59, 064	47, 713
1940-----	243, 728	40	52	4, 283	225, 161	126, 762	15, 352	111, 410
1950-----	313, 535	46	35	4, 176	322, 837	174, 674	4, 414	170, 260
1955-----	411, 840	46	35	3, 939	395, 334	213, 229	575	212, 654
1960-----	518, 724	38	43	3, 599	520, 512	279, 726	679	279, 047
1962-----	604, 255	41	44	3, 632	511, 890	276, 472	882	275, 590
1963-----	618, 165	43	44	3, 536	516, 543	279, 095	1, 114	277, 981
1964-----	647, 819	43	44	3, 569	538, 674	289, 903	2, 471	287, 432
1965-----	658, 641	46	43	3, 564	580, 137	311, 778	2, 195	309, 583
1966-----	642, 998	49	51	3, 489	576, 357	309, 657	2, 293	307, 364

<sup>1</sup> Represents alcohol and spirits, 190 proof and over, produced at distilled spirits plants.  
<sup>2</sup> Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1950, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1940 because denatured rum is included with specially denatured alcohol for that year. <sup>3</sup> Prior to 1950, includes denatured rum.  
Source: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*.

No. 1131. ALCOHOLIC BEVERAGES—PRODUCTION AND STOCKS: 1940 TO 1966  
(For years ending June 30. Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1957*, series P 192, for production of fermented malt liquor)

CLASS	Unit	1940	1950	1955	1960	1965	1966
<b>Beer:</b>							
Breweries operated-----	Number-----	611	407	292	229	197	187
Production-----	1,000 bbl. <sup>1</sup> -----	54, 892	88, 807	89, 791	94, 548	108, 015	109, 736
Tax-paid withdrawals-----	1,000 bbl. <sup>1</sup> -----	53, 014	83, 512	84, 457	88, 929	100, 307	101, 510
Stocks on hand, June 30-----	1,000 bbl. <sup>1</sup> -----	9, 019	10, 982	11, 627	11, 458	12, 505	12, 584
<b>Distilled spirits:</b>							
Production facilities operated <sup>2</sup> -----	Number-----	258	229	201	178	153	148
Warehouses operated <sup>3</sup> -----	Number-----	360	309	278	241	268	273
Production, total <sup>4</sup> -----	1,000 tax gal. <sup>6 7</sup> -----	143, 455	208, 235	182, 142	285, 027	206, 599	246, 354
Whiskey <sup>4</sup> -----	1,000 tax gal. <sup>6 7</sup> -----	98, 993	118, 760	103, 927	149, 545	117, 930	140, 187
Tax-paid withdrawals, total <sup>8</sup> -----	1,000 tax gal. <sup>6 7</sup> -----	128, 326	144, 124	153, 122	177, 952	204, 652	215, 260
Whiskey-----	1,000 tax gal. <sup>6 7</sup> -----	81, 267	60, 499	74, 356	83, 589	89, 773	93, 051
Stocks on hand June 30, total <sup>5</sup> -----	1,000 tax gal. <sup>6 7</sup> -----	525, 395	708, 562	841, 496	931, 509	989, 794	1, 010, 722
Whiskey-----	1,000 tax gal. <sup>6 7</sup> -----	480, 938	643, 280	715, 861	813, 720	841, 099	852, 966
Bottled for consumption, total-----	1,000 wine gal. <sup>9</sup> -----	146, 292	161, 117	172, 304	203, 963	244, 468	260, 756
Whiskey-----	1,000 wine gal. <sup>9</sup> -----	92, 644	139, 653	139, 004	146, 916	161, 385	169, 912
<b>Still wines:</b>							
Production <sup>10</sup> -----	1,000 wine gal. <sup>9</sup> -----	212, 368	297, 857	380, 229	511, 295	565, 055	734, 806
Tax-paid withdrawals <sup>11</sup> -----	1,000 wine gal. <sup>9</sup> -----	82, 571	135, 581	136, 279	147, 554	162, 889	168, 343
Stocks on hand, June 30 <sup>11 12</sup> -----	1,000 wine gal. <sup>9</sup> -----	93, 421	128, 433	128, 475	142, 575	157, 010	188, 779
<b>Effervescent wines:<sup>13</sup></b>							
Production-----	1,000 wine gal. <sup>9</sup> -----	482	1, 061	1, 716	4, 113	6, 358	8, 200
Tax-paid withdrawals-----	1,000 wine gal. <sup>9</sup> -----	419	1, 047	1, 561	3, 296	5, 731	6, 621
Stocks on hand, June 30-----	1,000 wine gal. <sup>9</sup> -----	660	1, 619	1, 401	2, 712	3, 616	4, 493

<sup>1</sup> Barrels of 31 wine gallons (see footnote 9).  
<sup>2</sup> Prior to 1960, represents registered distilleries, fruit distilleries, and industrial alcohol plants. In some instances a plant was operated at different times in more than 1 of these categories and was counted in each.  
<sup>3</sup> Prior to 1960, represents internal revenue bonded warehouses and industrial alcohol bonded warehouses.  
<sup>4</sup> Prior to 1960, net production obtained by deducting total products used in redistillation from gross production of neutral product (spirits); thereafter, each kind of distilled spirits used in redistillation was deducted from gross production of same kind. <sup>5</sup> Excludes alcohol produced for industrial use.  
<sup>6</sup> A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof, to the wine gallon. (See footnotes 7 and 9.)  
<sup>7</sup> A proof gallon is the alcoholic equivalent of a U.S. gallon at 60° F, containing 50 percent of ethyl alcohol by volume.  
<sup>8</sup> Includes ethyl alcohol. <sup>9</sup> A wine gallon is the U.S. gallon, equivalent to the volume of 231 cubic inches.  
<sup>10</sup> Production represents total amount removed from fermenters, including distilling material, and beginning 1966, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1966, 475,435,220 gallons of distilling materials were produced.  
<sup>11</sup> Includes special natural wines. <sup>12</sup> Excludes distilling materials.  
<sup>13</sup> Includes champagne, other effervescent wines, and artificially carbonated wines.  
Source: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*.

## No. 1132. TOBACCO PRODUCTS: 1931 TO 1966

[Beginning 1960, for years ending June 30. Data relate to products manufactured in conterminous U.S. factories and exclude cigars produced in customs bonded manufacturing warehouses. See *Historical Statistics, Colonial Times to 1957*, series P 194-196, for calendar-year data]

YEARLY AVERAGE OR YEAR	Ciga- rettes <sup>1</sup> (millions)	Cigars <sup>1</sup> (millions)	MANUFACTURED TOBACCO <sup>2</sup> (1,000 lb.)						
			Total	Smoking	Scrap chewing	Fine-cut chewing	Plug	Twist	Snuff
1931-1940.....	147,922	5,122	347,057	194,039	46,277	4,182	59,532	5,716	37,311
1941-1950.....	331,097	5,593	285,169	137,913	45,364	3,892	51,145	5,872	40,983
1951-1959.....	435,343	6,080	197,705	82,185	35,943	2,888	34,807	4,338	37,544
1950.....	391,956	5,468	235,189	107,731	39,019	2,738	40,242	5,467	39,992
1955.....	412,309	5,834	199,120	79,991	35,977	2,954	36,503	4,474	39,221
1960.....	506,127	6,937	176,059	73,839	32,715	3,081	27,527	3,643	35,255
1961.....	518,031	6,648	173,704	74,854	32,594	3,126	25,981	3,332	33,816
1962.....	529,883	6,843	169,190	71,545	32,476	3,214	26,028	3,037	32,890
1963.....	543,688	6,657	167,204	69,781	33,398	3,296	25,066	2,952	32,711
1964.....	534,973	8,648	178,889	80,665	34,208	3,442	25,862	2,772	31,940
1965.....	562,368	8,883	169,409	74,072	33,435	3,622	25,094	2,841	30,345
1966 (prel.).....	562,667	7,992	82,417	34,941	17,231	1,905	12,273	1,420	14,647

<sup>1</sup> Large and small. <sup>2</sup> For 1966, represents 6-month period June-Dec. 1965. Excess Tax Reduction Act of 1965 repealed tax on manufactured tobacco, effective Jan. 1, 1966.

Source: Treasury Dept., Internal Revenue Service; annual report, *Alcohol and Tobacco Summary Statistics*.

## No. 1133. ALCOHOLIC BEVERAGES AND TOBACCO PRODUCTS—ANNUAL PER CAPITA CONSUMPTION: 1940 TO 1966

[Prior to 1960, alcoholic beverages exclude Alaska and Hawaii. Underlying data on unstemmed weights of tobacco used for tobacco products are from Department of Agriculture and Internal Revenue Service; underlying data on units of cigarettes and cigars and on product weight of smoking and chewing tobacco and snuff are mainly from Internal Revenue Service. Based on Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad]

ITEM	1940	1950	1955	1960	1964	1965	1966
ALCOHOLIC BEVERAGES <sup>1</sup>							
Distilled spirits.....tax gallons <sup>2</sup>	1.02	1.02	1.07	1.20	1.28	1.35	1.43
Domestic.....tax gallons <sup>2</sup>	0.93	0.92	0.92	0.99	1.01	1.05	1.10
Imported.....tax gallons <sup>2</sup>	0.09	0.10	0.15	0.21	0.27	0.30	0.33
Beer.....gallons	12.58	17.26	16.13	15.46	15.74	16.19	16.21
Domestic.....gallons	12.57	17.24	16.09	15.39	15.64	16.08	16.11
Imported.....gallons	0.01	0.02	0.04	0.07	0.10	0.11	0.10
Wines.....wine gallons <sup>3</sup>	0.66	0.93	0.89	0.90	0.95	0.95	0.98
Domestic.....wine gallons <sup>3</sup>	0.63	0.91	0.85	0.84	0.87	0.87	0.89
Imported.....wine gallons <sup>3</sup>	0.03	0.02	0.04	0.06	0.08	0.08	0.09
TOBACCO PRODUCTS							
All products <sup>4</sup> .....pounds <sup>5</sup>	9.62	12.29	11.99	11.82	11.54	11.47	<sup>6</sup> 11.33
Cigarettes.....number	1,976	3,522	3,597	4,171	4,195	4,259	<sup>6</sup> 4,290
Weight.....pounds <sup>5</sup>	5.35	9.54	9.49	9.64	9.22	9.32	<sup>6</sup> 9.27
Cigars <sup>7</sup> .....number	61	53	55	61	75	70	<sup>6</sup> 66
Weight.....pounds <sup>5</sup>	1.46	1.25	1.28	1.18	1.30	1.25	<sup>6</sup> 1.17
Tobacco <sup>8</sup> .....pounds <sup>5</sup>	2.81	1.50	1.22	0.99	0.99	0.88	<sup>6</sup> 0.87

<sup>1</sup> For years ending June 30. <sup>2</sup> For definition, see footnote 6, table 1131.

<sup>3</sup> For definition, see footnote 9, table 1131.

<sup>4</sup> Includes small cigars (weighing not more than 3 pounds per 1,000), not shown separately.

<sup>5</sup> Unstemmed processing weight equivalent. <sup>6</sup> Preliminary.

<sup>7</sup> Weighing more than 3 pounds per 1,000; includes cigarillos.

<sup>8</sup> Smoking and chewing tobaccos and snuff.

Source: Alcoholic beverages—Dept. of Commerce, Business and Defense Services Administration; unpublished data. Tobacco products—Dept. of Agriculture, Economic Research Service; *Tobacco Situation*, and unpublished data.



No. 1134. MILL CONSUMPTION OF NATURAL AND MAN-MADE FIBERS: 1930 TO 1966

[In millions of pounds, except per capita in pounds. Prior to 1960, excludes Alaska and Hawaii. Per capita figures based on population estimates as of July 1, including Armed Forces abroad]

YEAR	COTTON <sup>1</sup>		WOOL (scoured basis) <sup>2</sup>		MAN-MADE FIBERS				FLAX <sup>4</sup>		SILK <sup>5</sup>	
					Rayon and acetate <sup>3</sup>		Other <sup>3</sup>					
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1930-----	2,617	21.26	263	2.14	119	0.97	-	-	16	0.13	81	0.65
1935-----	2,755	21.66	418	3.28	274	2.15	-	-	13	0.10	72	0.57
1940-----	3,959	29.97	408	3.09	494	3.74	4	0.03	12	0.09	48	0.36
1945-----	4,516	32.28	645	4.61	795	5.68	50	0.36	7	0.05	1	0.01
1950-----	4,683	30.87	635	4.18	1,375	9.06	144	0.95	11	0.07	11	0.07
1955-----	4,382	26.51	414	2.50	1,455	8.80	448	2.71	8	0.05	11	0.07
1960-----	4,191	23.20	411	2.30	1,082	5.99	796	4.41	5	0.03	7	0.04
1962-----	4,188	22.43	429	2.30	1,291	6.92	1,127	6.05	6	0.03	6	0.03
1963-----	4,040	21.33	412	2.17	1,471	7.77	1,317	6.95	7	0.04	6	0.03
1964-----	4,244	22.09	357	1.86	1,556	8.10	1,618	8.42	7	0.04	7	0.03
1965-----	4,477	23.01	387	1.99	1,593	8.19	2,031	10.44	8	0.04	6	0.03
1966 (prel.)-----	4,633	23.54	370	1.88	1,617	8.22	2,373	12.06	8	0.04	6	0.03

- Represents zero. <sup>1</sup> Reported by Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board deducted. For foreign cotton, 15 pounds deducted.  
<sup>2</sup> Reported by Bureau of the Census. Beginning 1950, excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.  
<sup>3</sup> From *Textile Organon*. Represents domestic shipments plus imports for consumption. Beginning 1935, includes producers waste consumed at mills.  
<sup>4</sup> Through 1950, represents imports for consumption reported by Bureau of the Census plus estimated production reported by (a) Bureau of Plant Industry through 1945 and (b) Portland, Oreg., Office of Agricultural Marketing Service for 1950; beginning 1955, imports for consumption reported by Bureau of the Census.  
<sup>5</sup> Compiled from reports of Bureau of the Census. For 1930, general imports less reexports; beginning 1935, imports for consumption.

Source: Dept. of Agriculture, Economic Research Service; unpublished data. (Through 1950, in Dept. of Commerce, Business and Defense Services Administration; *Wool and Man-Made Fibers in the United States*.)

No. 1135. COTTON—SPINDLES; CONSUMPTION, AND STOCKS: 1930 TO 1966

[For years ending July 31. Excludes Alaska and Hawaii. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton for all years which is in equivalent 500-pound bales. See *Historical Statistics, Colonial Times to 1957*, series P 197, for total cotton consumed including linters]

YEAR	COTTON-SYSTEM SPINDLES (1,000)				Spindle hours consuming 100% cotton (billions)	COTTON CONSUMED, EXCLUDING LINTERS <sup>3</sup> (1,000 bales)			STOCKS AT END OF YEAR <sup>4</sup> (1,000 bales)			
	Total in place <sup>1</sup>	Active <sup>2</sup>				Total	Cotton-growing States	Other States	Cotton, excluding linters			Linters
		Total	Cotton-growing States	Other States					Total	Domestic	Foreign	
1930.....	34, 025	31, 245	18, 586	12, 659	88	6, 106	4, 749	1, 357	6, 528	6, 457	71	239
1935.....	30, 093	26, 701	18, 212	8, 489	73	5, 361	4, 306	1, 055	4, 060	3, 851	209	187
1940.....	24, 750	23, 586	17, 641	5, 945	97	7, 784	6, 647	1, 137	10, 094	9, 999	95	400
1945.....	23, 128	22, 675	17, 610	5, 065	112	9, 568	8, 455	1, 113	10, 339	10, 215	124	247
1950.....	22, 995	21, 790	17, 673	4, 117	109	8, 851	8, 030	821	6, 496	6, 399	97	208
1955.....	22, 273	20, 716	18, 230	2, 486	113	8, 841	8, 358	484	10, 985	10, 920	65	148
1960.....	19, 956	19, 221	17, 801	1, 420	113	9, 017	8, 670	346	7, 344	7, 307	37	305
1962.....	19, 491	18, 764	17, 815	949	110	9, 071	8, 786	285	7, 641	7, 599	42	425
1963.....	19, 302	18, 634	17, 829	805	101	8, 391	8, 162	229	10, 936	10, 843	93	355
1964.....	19, 322	18, 472	17, 800	672	101	8, 554	8, 333	221	12, 108	12, 036	72	442
1965.....	19, 332	18, 757	18, 114	643	102	9, 171	8, 968	203	14, 061	13, 994	67	463
1966.....	19, 722	19, 317	18, 673	644	103	9, 497	9, 288	209	16, 674	16, 612	62	430

<sup>1</sup> Prior to 1950, represents all spindles in place used exclusively for spinning cotton; thereafter, represents all spindles in place regardless of fiber spun.  
<sup>2</sup> Prior to 1950, represents sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated; thereafter, comprises cotton-system spindles active last day of year, regardless of type of fiber spun. On July 30, 1966, there were 14,798,000 spindles active on cotton, 4,519,000 on synthetics and other fibers and blends, and 405,000 idle.  
<sup>3</sup> Includes foreign and domestic cotton.  
<sup>4</sup> Cotton stocks prior to 1940 and linters stocks for all years are stocks held by consuming establishments. Cotton stocks beginning in 1940 include stocks at public storage and compresses.

Source: Dept. of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*, and *Current Industrial Reports*, series M22P.



**No. 1136. TIRE CORD AND FABRICS—PRODUCTION, BY KIND: 1947 TO 1966**  
 [In thousands of pounds. Excludes Alaska and Hawaii]

PRODUCT	1947	1950	1955	1960	1965	1966
<b>Tire cord and fabrics</b> .....	565,261	523,033	524,354	417,404	495,786	523,041
<b>Man-made fibers</b> .....	214,576	296,983	456,093	387,447	486,568	514,745
Rayon tire cord and tire cord fabric .....	<sup>1</sup> 214,576	<sup>1</sup> 296,983	406,889	239,609	212,984	183,736
Nylon tire cord and tire cord fabric .....	(1)	(1)	49,204	139,082	<sup>2</sup> 260,168	314,064
Chafer fabric and all other tire fabrics .....	(3)	(3)	(3)	8,756	13,416	16,945
<b>Cotton</b> .....	350,685	226,050	68,261	29,957	9,218	8,296
Tire cord and tire cord fabrics .....	285,076	165,395	16,742	2,887	(D)	(1)
Chafer fabric and all other tire fabrics .....	<sup>3</sup> 65,609	<sup>3</sup> 60,655	<sup>3</sup> 51,519	27,070	(D)	(1)

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Data for nylon included with rayon. <sup>2</sup> Includes polyester fabrics.

<sup>3</sup> Man-made fiber chafer fabric and all other tire fabrics included with cotton chafer fabric and all other tire fabrics.

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M22T.4.

**No. 1137. WOOL—PRODUCTION, PRICE, AND SUPPLY: 1946 TO 1966**

[In thousands of pounds, except as indicated. Prior to 1963, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series K 240-241, for shorn production and price]

ITEM	1946-1950, average	1951-1955, average	1956-1960, average	1961-1965, average	1960	1964	1965	1966 (prel.)
Stocks of apparel wool, Jan. 1 <sup>1</sup> ..	(NA)	(NA)	(NA)	80,390	100,739	72,669	72,891	89,489
Sheep and lambs shorn .. 1,000 ..	29,402	27,817	29,623	27,048	31,081	25,455	23,756	22,875
Weight per fleece .. pounds ..	8.1	8.4	8.4	8.5	8.5	8.3	8.5	8.5
Shorn wool prod. (grease basis) ..	238,789	234,150	250,082	230,408	265,277	212,333	201,463	194,149
Price per pound <sup>2</sup> .. cents ..	49.0	<sup>3</sup> 60.4	43.9	47.9	42.0	53.2	47.1	52.1
Pulled wool production (actual) ..	46,500	37,360	34,520	28,320	33,600	25,100	23,300	24,100
Total wool prod. (grease basis) ..	285,289	271,510	284,602	258,728	298,877	237,433	224,763	218,249
<b>Wool, clean basis:</b>								
Total production .....	139,942	131,046	136,457	130,550	151,031	119,581	113,084	110,178
Imports of dutiable wool <sup>4</sup> .....	<sup>5</sup> 276,715	180,567	84,780	117,269	74,266	98,415	162,637	162,536
Exports of apparel wool <sup>6</sup> .....	8,687	513	1,550	<sup>7</sup> 270	60	2	<sup>7</sup> 617	86
Total new supply .....	407,970	311,102	219,687	247,549	225,237	217,994	275,104	272,628
Imports of duty free wool <sup>8</sup> .....	175,404	114,898	146,436	138,326	153,904	113,932	108,943	114,625

NA Not available. <sup>1</sup> Scoured basis.

<sup>2</sup> Weighted season average price received by farmers. 1946-62, April-March marketing season; 1963, April-December; 1964-1966, calendar year. <sup>3</sup> Includes an allowance for wool under loan.

<sup>4</sup> Imports for consumption. Dutiable imports include all apparel wool and duty-free imports include all carpet wools. <sup>5</sup> 1946 excludes duty-free wool imported and stored in this country largely for the British Government, and later reexported; not available to domestic mills.

<sup>6</sup> Prior to 1952 reported on an actual weight basis only. <sup>7</sup> Includes carpet wool.

<sup>8</sup> Production minus exports, plus imports; stocks not taken into consideration.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*. Exports and imports from Dept. of Commerce, Bureau of the Census.

**No. 1138. WOOL—CONSUMPTION AND MANUFACTURING MACHINERY: 1947 TO 1965**

[Machinery in place as of end of year, except as noted. Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series P 198, for wool consumed in manufacturing]

YEAR	MACHINERY IN PLACE <sup>1</sup>					CONSUMED IN MANUFACTURING <sup>3</sup> (mil. lb.)		
	Worsted combs	Spinning spindles		Looms		Total <sup>4</sup>	Apparel class <sup>5</sup>	Carpet class
		Woolen	Worsted	Woolen and worsted	Carpet <sup>2</sup> and rug			
1947 .....	2,656	1,561,198	1,920,542	38,572	5,683	698.3	525.9	172.4
1950 .....	2,808	1,308,139	1,814,430	36,337	4,894	634.8	436.9	197.9
1954 .....	(NA)	(NA)	(NA)	(NA)	5,411	380.8	266.3	114.5
1955 .....	2,092	817,254	925,736	21,734	(NA)	413.8	281.2	132.6
1958 .....	1,558	728,323	712,696	17,300	3,234	331.1	212.0	119.1
1960 .....	1,498	696,525	654,480	16,058	(NA)	411.0	246.4	164.6
1964 .....	1,584	530,169	692,991	13,061	2,050	356.7	233.9	122.7
1965 .....	1,594	544,769	701,683	<sup>6</sup> 12,784	1,687	587.0	274.7	112.3

NA Not available. <sup>1</sup> Machinery in place is that which is set up in operating position.

<sup>2</sup> For 1954, machinery in possession. <sup>3</sup> Scoured wool, plus greasy wool reduced to scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

<sup>4</sup> Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

<sup>5</sup> Beginning 1950, includes raw wool consumed on woolen and worsted systems only. <sup>6</sup> Preliminary.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M22D, Series M22E, Series M22T, and Series MA22Q.

## No. 1139. BROAD-WOVEN FABRICS—PRODUCTION, BY TYPE: 1947 TO 1966

[In millions of linear yards; in terms of gray goods except woolen and worsted which are in terms of finished yardage. Excludes Alaska and Hawaii. Fabrics composed of a mixture of fibers classified according to primary fiber content, except as noted]

PRODUCT	1947	1950	1955	1960	1965	1966 (prel.)
<b>Total goods</b> .....	<b>12,371</b>	<b>13,105</b>	<b>13,119</b>	<b>12,056</b>	<b>13,432</b>	<b>13,311</b>
<b>Cotton woven goods over 12 inches in width, except tire fabrics</b> .....	<b>9,817</b>	<b>10,027</b>	<b>10,175</b>	<b>9,366</b>	<b>9,239</b>	<b>8,846</b>
Cotton duck.....	206	249	242	206	248	285
Sheeting and allied coarse and medium yarn fabrics.....	3,039	2,737	2,587	2,482	2,635	2,655
Print cloth yarn fabrics.....	3,229	3,663	3,968	3,320	3,120	3,065
Napped fabrics.....	502	413	241	202	176	155
Colored yarn fabrics.....	752	860	699	449	479	425
Fine cotton goods (all combed, part-combed, and fine carded goods).....	1,313	1,218	1,379	1,705	1,405	1,153
Towels, toweling, washcloths, and terrywoven fabrics other than towels.....	409	454	502	548	713	655
Specialties and all other fabrics.....	367	433	557	452	463	453
<b>Man-made fiber fabrics</b> .....	(1)	(1)	(1)	(1)	<b>3,926</b>	<b>4,200</b>
100 percent filament yarn fabrics.....	(1)	(1)	(1)	(1)	1,641	1,575
Chiefly rayon and/or acetate fabrics.....	(1)	(1)	(1)	(1)	856	734
Chiefly nylon fabrics.....	(1)	(1)	(1)	(1)	304	334
All other filament yarn fabrics.....	(1)	(1)	(1)	(1)	481	507
100 percent spun yarn fabrics, except blanketing.....	(1)	(1)	(1)	(1)	1,535	1,909
100 percent rayon and/or acetate fabrics.....	(1)	(1)	(1)	(1)	325	297
Rayon and/or acetate blends with other fibers.....	(1)	(1)	(1)	(1)	319	330
Polyester blends with cotton.....	(1)	(1)	(1)	(1)	713	1,049
All other spun yarn fabrics.....	(1)	(1)	(1)	(1)	178	233
Combinations and mixtures of filament and spun yarn fabrics.....	(1)	(1)	(1)	(1)	519	481
Blanketing, silk, paper, and other specialty fabrics.....	(1)	(1)	(1)	(1)	232	235
<b>Woolen and worsted, except woven felts</b> <sup>2</sup> .....	<b>516</b>	<b>471</b>	<b>318</b>	<b>286</b>	<b>267</b>	<b>265</b>
Apparel fabrics.....	448	391	298	281	258	250
Government orders.....	(NA)	(NA)	(NA)	3	5	11
Men's and boys' clothing.....	(NA)	(NA)	(NA)	115	95	86
Women's and childrens' clothing.....	(NA)	(NA)	(NA)	163	158	153
Nonapparel fabrics.....	67	80	20	6	9	15

NA Not available.

<sup>1</sup> Not available on comparable basis due to change in fabric classification.

<sup>2</sup> 1947 and 1950, comprises all fabrics containing more than 25 percent wool; thereafter, fabrics containing 50 percent or more wool.

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M22T.

## No. 1140. BLEACHED, DYED, OR PRINTED GOODS—PRODUCTION, BY TYPE: 1947 TO 1965

[In millions of linear yards. Excludes Alaska and Hawaii. Fabrics are classified by chief fiber content]

PRODUCT	1947	1950	1955	1960	1963	1964	1965 (prel.)
<b>Bleached, dyed, or printed goods</b> .....	<b>8,915</b>	<b>9,329</b>	<b>10,502</b>	<b>9,559</b>	<b>10,148</b>	<b>10,465</b>	<b>10,979</b>
Cotton.....	6,944	7,063	8,144	7,440	7,451	7,486	7,650
Man-made fiber fabrics and silk <sup>1</sup> .....	1,971	2,266	2,358	2,119	2,697	2,979	3,329
<b>Bleached and white finished goods</b> .....	<b>3,815</b>	<b>3,467</b>	<b>3,668</b>	<b>3,461</b>	<b>3,648</b>	(2)	(2)
Cotton.....	3,616	3,296	3,346	3,158	3,187	3,420	3,527
Man-made fiber fabrics and silk <sup>1</sup> .....	199	170	321	303	461	(2)	(2)
<b>Plain dyed and finished goods</b> .....	<b>3,176</b>	<b>3,950</b>	<b>4,320</b>	<b>4,030</b>	<b>4,386</b>	(2)	(2)
Cotton.....	1,757	2,166	2,671	2,516	2,614	2,563	2,648
Man-made fiber fabrics and silk <sup>1</sup> .....	1,419	1,784	1,648	1,514	1,772	(2)	(2)
<b>Printed and finished goods</b> <sup>3</sup> .....	<b>1,924</b>	<b>1,912</b>	<b>2,514</b>	<b>2,068</b>	<b>2,114</b>	<b>1,965</b>	<b>1,935</b>
Cotton.....	1,571	1,601	2,126	1,766	1,649	1,502	1,475
Man-made fiber fabrics and silk <sup>1</sup> .....	353	311	389	302	465	463	460

<sup>1</sup> Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc.

<sup>2</sup> Separate data for bleached and plain dyed man-made fibers not collected. For 1964 and 1965, respectively, combined total, in millions of linear yards, was 8,500 and 9,044, of which synthetics represented 2,516 and 2,869.

<sup>3</sup> Includes roller, screen, flock, and block printed fabrics.

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M22S and M22S(65)-1.



## No. 1141. KNIT CLOTH AND OUTERWEAR—PRODUCTION, BY TYPE: 1947 TO 1965

[Prior to 1960, excludes Alaska and Hawaii]

PRODUCT	Unit	1947	1950	1955	1960	1963	1964	1965 (prel.)
Finished knit cloth for sale <sup>1</sup> -----	Million lb.-----	152.6	162.8	181.9	247.7	345.6	416.6	450.1
Warp knit fabrics-----	Million lb.-----	41.5	47.2	54.9	81.5	119.5	155.0	163.8
Circular knit fabrics-----	Million lb.-----	111.1	115.6	127.0	166.2	226.1	261.6	286.3
Knit outerwear:								
Sweaters, jackets, and jerseys-----	1,000 dozen-----	6,677	8,733	10,119	12,903	12,911	13,271	(NA)
Bathing suits and trunks-----	1,000 dozen-----	500	328	330	1,119	1,596	1,883	(NA)
Knit headwear-----	1,000 dozen-----	1,556	1,599	1,426	1,450	1,992	1,497	(NA)

NA Not available.

<sup>1</sup> Beginning 1950, represents shipments.Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M22K and M23A.

## No. 1142. WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR—SELECTED GARMENTS CUT: 1947 TO 1966

[Prior to 1960, excludes Alaska and Hawaii]

TYPE OF GARMENT	Unit	1947	1950	1955	1960	1964	1965	1966 (prel.)
Blouses-----	1,000 dozen-----	7,496	10,764	14,889	15,571	18,336	18,072	16,220
Unit-priced dresses-----	1,000 units-----	127,791	139,607	150,445	155,374	170,738	178,295	175,167
Dozen-priced dresses-----	1,000 dozen-----	75,456	9,097	9,162	8,186	8,445	8,648	8,040
Suits-----	1,000 units-----	14,352	18,048	13,638	9,419	11,988	11,859	10,510
Skirts-----	1,000 dozen-----	2,020	4,784	6,575	8,338	7,888	9,256	10,225
Untrimmed coats-----	1,000 units-----	18,956	22,598	22,526	21,012	17,759	19,135	} 24,595
Fur-trimmed coats-----	1,000 units-----	1,924	2,105	1,469	2,532	5,760	6,139	

Source: Dept. of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Current Industrial Reports*, Series M23A and M23H.

## No. 1143. MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1947 TO 1966

[Prior to 1960, excludes Alaska and Hawaii]

TYPE OF GARMENT	Unit	1947	1950	1955	1960	1964	1965	1966 (prel.)
Suits-----	1,000 units-----	28,882	27,145	23,857	26,419	26,628	28,445	(NA)
Men's-----	1,000 units-----	26,428	23,695	20,280	21,316	20,377	21,855	20,715
Boys'-----	1,000 units-----	2,454	3,450	3,577	5,103	6,251	6,590	(NA)
Separate trousers <sup>1</sup> -----	1,000 units-----	60,905	65,819	67,355	100,335	128,081	142,348	145,665
Separate coats-----	1,000 units-----	5,286	8,855	10,234	14,203	14,187	16,327	(NA)
Men's and youths'-----	1,000 units-----	4,760	7,039	7,932	10,237	10,827	12,291	13,148
Boys'-----	1,000 units-----	526	1,816	2,302	3,966	3,360	4,036	(NA)
Dress and sport shirts, men's-----	1,000 dozen-----	17,042	18,100	21,757	23,208	26,897	28,211	27,844
Overalls-----	1,000 dozen-----	6,807	9,824	9,753	7,519	11,080	9,874	(NA)
Men's-----	1,000 dozen-----	4,241	6,100	4,854	2,965	4,950	4,862	5,906
Boys'-----	1,000 dozen-----	2,566	3,724	4,899	4,554	6,130	5,012	(NA)
Work shirts (includes flannel)-----	1,000 dozen-----	5,815	5,796	5,067	3,763	3,769	4,029	(NA)
Men's-----	1,000 dozen-----	4,959	5,471	4,557	3,696	3,658	3,906	4,100
Boys'-----	1,000 dozen-----	856	325	510	67	111	123	(NA)

NA Not available.

<sup>1</sup> Beginning 1955, men's only.Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M23A and M23B.



## No. 1144. HOSIERY—PRODUCTION, BY TYPE: 1950 TO 1966

[In thousands of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1950	1955	1960	1963	1964	1965	1966
<b>All types</b> .....	160,046	151,911	154,865	178,012	189,215	198,244	218,137
<b>Women's and misses' (full- and knee-length)</b> .....	59,033	59,905	64,875	75,979	83,900	92,323	105,048
Seamless.....	7,449	12,655	36,140	65,484	76,905	87,977	101,486
Nylon.....	4,303	10,662	35,337	64,923	76,455	87,527	101,271
Other.....	3,146	1,993	803	561	450	450	215
Full-fashioned.....	51,584	47,250	28,735	10,495	6,995	4,346	2,867
Nylon.....	51,032	46,981	28,604	10,413	6,916	4,305	2,829
Other.....	552	269	131	82	79	41	38
Textured, patterned, and casual <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	695
<b>Men's</b> .....	63,181	56,503	51,184	49,990	50,652	51,585	54,949
Half-hose <sup>1</sup> .....	21,115	14,659	12,217	7,675	7,386	5,473	5,105
Cotton (incl. bundle goods).....	12,782	9,701	8,749	5,823	5,501	4,040	3,756
Wool (incl. bundle goods).....	3,409	2,564	1,640	1,555	1,582	1,252	1,183
Other.....	4,924	2,394	1,828	297	303	181	166
<b>Slack socks and anklets</b> .....	36,630	37,590	31,716	33,195	33,333	29,087	30,780
Cotton <sup>2</sup> .....	24,483	23,429	20,064	20,004	19,979	16,305	15,989
Nylon.....	3,038	9,486	7,452	9,645	9,595	8,463	9,733
Acrylic.....	(NA)	(NA)	(NA)	2,075	2,278	3,153	3,744
Other.....	9,109	4,675	4,200	1,471	1,481	1,166	1,314
<b>Crew and athletic</b> .....	<sup>3</sup> 5,436	<sup>3</sup> 4,254	7,251	8,608	8,927	14,390	15,758
Cotton.....	3,360	2,495	4,647	4,457	4,550	6,909	7,139
Wool.....	2,076	1,759	2,604	2,837	2,497	3,543	3,065
All other.....	(NA)	(NA)	(NA)	1,314	1,880	3,938	5,554
Knee-length.....	(NA)	(NA)	(NA)	512	1,006	2,635	3,306
<b>Boys', infants', and children's and misses'</b> .....	37,832	35,503	38,806	52,043	54,663	54,336	58,140
Boys'.....	5,722	6,156	11,306	15,489	16,419	15,995	18,686
Slack socks <sup>2</sup> .....	5,722	6,156	9,833	8,464	8,099	5,020	5,432
Crew and athletic.....	( <sup>3</sup> )	( <sup>3</sup> )	1,473	7,025	8,320	10,975	13,254
Infants'.....	7,961	5,395	6,415	7,645	7,813	7,952	6,923
Anklets.....	7,961	5,395	6,415	7,136	7,108	6,418	5,355
Crew socks.....	(NA)	(NA)	(NA)	509	705	1,534	<sup>4</sup> 1,568
<b>Children's and misses'</b> .....	24,149	23,952	21,085	28,909	30,431	30,389	32,531
Anklets.....	22,313	22,337	18,036	16,794	16,114	13,396	15,226
Other.....	<sup>3</sup> 1,836	<sup>3</sup> 1,615	3,049	12,115	14,317	16,993	17,305

NA. Not available.

<sup>1</sup> 1950 and 1955, full-fashioned included in "Other"; thereafter, distributed among fibers used.<sup>2</sup> 1950 and 1955, boys' anklets included with men's cotton slack socks.<sup>3</sup> 1950 and 1955, boys' and women's and misses' crew socks included with men's crew socks.<sup>4</sup> Includes knee-length.Source: National Association of Hosiery Manufacturers, Charlotte, N.C.; annually in *Hosiery Statistics*.

## No. 1145. SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1947 TO 1966

[In thousands of pairs. Excludes Alaska and, prior to 1964, Hawaii, except as noted. Excludes rubber footwear]

CLASS	1947	1950	1955	1960	1964	1965	1966 (prel.)
<b>Shoes and slippers</b> .....	484,964	522,532	585,369	<sup>1</sup> 600,489	612,790	629,095	646,920
Footwear, except slippers.....	437,312	464,506	517,300	526,574	533,884	541,736	545,832
Shoes, sandals, and playshoes.....	429,923	456,611	509,207	514,053	516,654	531,914	536,408
Men's.....	107,486	103,361	103,661	100,578	119,859	118,426	125,922
Youths' and boys'.....	19,829	16,721	22,097	24,128	25,446	25,924	24,592
Women's.....	212,381	236,059	270,908	279,822	271,146	282,203	286,666
Misses'.....	27,026	32,706	40,755	40,234	36,991	37,031	39,190
Children's.....	27,035	29,173	33,784	32,654	30,449	34,128	32,811
Infants' and babies'.....	36,166	38,591	38,002	36,637	32,763	34,202	27,227
Athletic shoes.....	4,233	3,644	4,723	7,008	6,949	6,828	6,586
Other footwear.....	3,156	4,251	3,370	5,513	10,281	2,994	2,838
<b>Slippers for housewear</b> .....	47,652	58,026	68,069	73,467	78,906	87,359	101,088

<sup>1</sup> Includes production for Hawaii, not distributed by class.Source: Dept. of Commerce, Bureau of the Census; 1947 and 1958 Censuses of Manufactures reports, and *Current Industrial Reports*, Series M31A.

# NO. 1146. LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1940 TO 1966

[In thousands. Excludes Alaska and Hawaii]

YEAR	Cattle hide <sup>1</sup>	Calf and whole kip	Goat and kid	Sheep and lamb <sup>2</sup>	YEAR	Cattle hide <sup>1</sup>	Calf and whole kip	Goat and kid	Sheep and lamb <sup>2</sup>
1940.....	21,070	11,387	37,697	37,920	1958.....	23,818	8,069	19,992	27,453
1945.....	27,566	11,636	24,026	52,450	1959.....	23,167	6,573	22,797	32,054
1950.....	24,383	10,659	37,203	31,397	1960.....	21,969	6,332	18,835	30,478
1951.....	22,703	7,955	31,111	24,504	1961.....	22,736	6,391	14,865	31,891
1952.....	22,694	9,960	30,418	27,902	1962.....	22,523	5,981	14,213	30,321
1953.....	24,070	9,958	32,154	28,264	1963.....	21,654	5,596	14,182	34,374
1954.....	24,210	9,366	26,496	23,796	1964.....	22,834	6,535	12,874	31,548
1955.....	25,832	10,393	26,109	26,434	1965.....	23,436	6,263	14,557	30,316
1956.....	25,908	8,546	25,103	27,241	1966.....	23,830	4,720	13,372	29,302
1957.....	25,511	9,217	22,336	25,565					

<sup>1</sup> Beginning 1954, includes side kip.

<sup>2</sup> Includes the flesh side leather of split sheepskins (fleshers) and excludes the grain leather (skivers).

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*. (Original source is Tanners' Council of America, Inc., New York, N.Y.)

# NO. 1147. RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1945 TO 1966

[In thousands of long tons. Prior to 1963, excludes Alaska and Hawaii, except for imports and exports, which also include Puerto Rico. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content, beginning 1955), neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1963, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1950	1955	1960	1963	1964	1965	1966
<b>New supply.....</b>	<b>1,210</b>	<b>1,618</b>	<b>1,946</b>	<b>2,150</b>	<b>2,289</b>	<b>2,515</b>	<b>2,581</b>	<b>2,729</b>
Domestic production.....	1,064	789	1,296	1,729	1,890	2,041	2,094	2,247
Natural.....	1	-	-	-	-	-	-	-
Reclaimed.....	243	313	326	293	281	276	280	277
Synthetic.....	820	476	970	1,436	1,608	1,765	1,814	1,970
<b>Imports.....</b>	<b>146</b>	<b>829</b>	<b>649</b>	<b>420</b>	<b>399</b>	<b>474</b>	<b>487</b>	<b>482</b>
Natural.....	135	802	638	411	380	442	446	436
Reclaimed.....	(Z)	1	1	(Z)	1	1	1	1
Synthetic.....	10	26	11	9	19	32	40	45
<b>Distribution.....</b>	<b>1,144</b>	<b>1,590</b>	<b>1,961</b>	<b>2,203</b>	<b>2,345</b>	<b>2,562</b>	<b>2,657</b>	<b>2,845</b>
Domestic consumption.....	1,040	1,562	1,842	1,835	2,028	2,196	2,326	2,480
Natural.....	105	720	635	479	457	482	515	550
Reclaimed.....	241	304	313	277	264	263	270	258
Synthetic.....	694	538	895	1,079	1,307	1,451	1,541	1,672
<b>Exports.....</b>	<b>104</b>	<b>28</b>	<b>118</b>	<b>368</b>	<b>317</b>	<b>366</b>	<b>331</b>	<b>365</b>
Natural.....	7	9	11	12	18	29	37	45
Reclaimed.....	13	12	14	14	17	15	11	12
Synthetic.....	84	8	94	342	282	322	283	308
<b>Stocks, end of year <sup>1</sup>.....</b>	<b>350</b>	<b>178</b>	<b>279</b>	<b>359</b>	<b>375</b>	<b>414</b>	<b>442</b>	<b>462</b>
Natural.....	119	89	110	77	61	87	100	82
Reclaimed.....	28	36	31	33	31	30	30	32
Synthetic.....	<sup>2</sup> 203	53	138	249	283	297	312	348
<b>Deliveries from Government stock-piles, natural.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>89</b>	<b>84</b>	<b>96</b>	<b>120</b>	<b>149</b>

- Represents zero. Z Less than 500 long tons.

<sup>1</sup> Differences between "New supply" and "Distribution" not precisely comparable with "Stocks" due to year-end and inventory adjustments. <sup>2</sup> Includes stocks shipped for export which had not yet cleared port.

Source: Dept. of Commerce, Business and Defense Services Administration. Monthly data in *Survey of Current Business*.



## No. 1148. CHEMICALS—PRODUCTION, BY KIND: 1950 TO 1966

[Prior to 1960, excludes Alaska and Hawaii. Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and, beginning 1955, by Government-owned privately operated plants]

CHEMICAL	Unit	1950	1955	1960	1965	1966 (prcl.)
Acetylene <sup>1</sup> -----	Mil. cu. ft.-----	5,331	8,512	12,143	16,745	16,839
Aluminum chloride:						
Anhydrous (100% AlCl <sub>3</sub> )-----	Short tons-----	31,878	36,911	24,013	33,428	32,001
Liquid and crystal (32° B $\phi$ )-----	Short tons-----	17,671	16,234	25,830	27,066	(NA)
Aluminum sulfate (17% Al <sub>2</sub> O <sub>3</sub> ): <sup>2</sup>						
Commercial-----	Short tons-----	669,897	808,202	879,105	1,052,252	1,076,647
Iron free-----	Short tons-----	40,236	25,225	51,744	57,901	(NA)
Ammonia, synthetic anhydrous-----	1,000 sh. tons-----	1,566	3,252	4,818	8,711	10,661
Ammonium nitrate, original solution (100% NH <sub>4</sub> NO <sub>3</sub> )-----	1,000 sh. tons-----	1,214	1,842	3,122	4,623	5,027
Ammonium sulfate, synthetic (technical) <sup>3</sup>	1,000 sb. tons-----	1,138	1,173	859	1,998	2,126
Argon (refined)-----	Mil. cu. ft.-----	50	247	570	1,291	1,689
Calcium carbide (commercial)-----	1,000 sh. tons-----	671	875	1,093	1,098	1,062
Calcium phosphate, dibasic (100% CaHPO <sub>4</sub> )-----	Short tons-----	53,046	164,539	234,916	262,802	290,187
Carbon, activated <sup>4</sup> -----	Short tons-----	37,921	48,518	59,963	85,020	89,250
Carbon dioxide (liquid, gas, and solid) <sup>5</sup> -----	Short tons-----	639,906	776,753	897,877	1,077,699	1,298,175
Chlorine, gas <sup>6</sup> -----	1,000 sh. tons-----	2,084	3,421	4,637	6,479	6,946
Chrome, yellow and orange (C.P.)-----	Short tons-----	27,098	27,059	21,372	29,503	30,843
Hydrochloric acid (100% HCl)-----	Short tons-----	618,784	838,249	970,167	1,368,122	1,505
Hydrofluoric acid, anhydrous and aqueous (100% HF)-----	Short tons-----	35,174	66,637	118,254	150,217	166,616
Hydrogen, high purity (99.5-100%) <sup>7</sup> -----	Mil. cu. ft.-----	45,163	35,831	13,278	31,443	38,907
Hydrogen, lower purity (less than 99.5%) <sup>7</sup> -----	Mil. cu. ft.-----			51,958	91,645	104,917
Hydrogen peroxide (100% by weight)-----	Short tons-----	10,787	(NA)	28,690	52,566	54,600
Molybdate chrome orange (C.P.)-----	Short tons-----	3,905	6,289	6,326	9,492	10,743
Nitric acid (100% HNO <sub>3</sub> )-----	1,000 sh. tons-----	1,336	2,592	3,315	4,890	5,333
Nitrogen, high purity (99.5-100%)-----	Mil. cu. ft.-----	1,350	3,860	18,566	72,003	91,162
Nitrogen solutions (100% N)-----	Short tons-----	(NA)	468,595	803,957	1,126,259	1,260
Oxygen, high purity (99.5-100% O)-----	Mil. cu. ft.-----	17,848	29,300	57,987	182,031	214,868
Oxygen, lower purity (less than 99.5%)-----	1,000 sh. tons-----	(NA)	(NA)	1,479	1,951	1,752
Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> )-----	1,000 sh. tons-----	594	1,315	2,087	3,905	4,531
Phosphorus (white and red)-----	Short tons-----	153,233	292,954	409,096	550,126	560,157
Potassium hydroxide (88-92% KOH)-----	Short tons-----	61,885	70,034	102,614	181,313	161,532
Potassium pyrophosphate (100% K <sub>4</sub> P <sub>2</sub> O <sub>7</sub> )-----	Short tons-----	(NA)	(NA)	25,934	54,841	50,625
Soda ash: Synthetic (58% Na <sub>2</sub> O): <sup>8</sup>						
Total crude bicarbonate equivalent <sup>9</sup> -----	1,000 sh. tons-----	3,991	4,907	4,558	4,928	5,073
Finished light <sup>10</sup> -----	1,000 sh. tons-----	2,050	2,701	2,238	2,272	2,263
Finished dense-----	1,000 sh. tons-----	1,410	1,769	1,998	2,399	2,571
Soda ash, natural-----	1,000 sh. tons-----	338	689	790	1,510	1,755
Sodium bichromate and chromate-----	Short tons-----	89,829	118,524	121,872	141,008	138,934
Sodium chlorate (100% NaClO <sub>3</sub> )-----	Short tons-----	22,085	46,972	91,585	133,942	151,885
Sodium hydroxide (caustic soda):						
Liquid (100% NaOH)-----	1,000 sh. tons-----	2,511	3,915	4,972	6,796	7,342
Sodium phosphate:						
Tribasic (100% Na <sub>3</sub> PO <sub>4</sub> )-----	Short tons-----	66,801	51,846	50,977	55,146	58,452
Meta (100% NaPO <sub>3</sub> )-----	Short tons-----	39,412	57,597	62,583	80,636	86,995
Tetra (100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> )-----	Short tons-----	85,657	102,761	90,013	106,967	113,569
Acid pyro (100% Na <sub>2</sub> H <sub>2</sub> P <sub>2</sub> O <sub>7</sub> )-----	Short tons-----	9,052	15,245	17,109	24,135	(NA)
Tripoly (100% Na <sub>3</sub> P <sub>3</sub> O <sub>10</sub> )-----	Short tons-----	233,034	556,337	689,776	923,032	1,004,421
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) <sup>11</sup> -----	Short tons-----	486,203	629,168	497,348	587,755	609,078
Sodium sulfate:						
High purity (more than 99% Na <sub>2</sub> SO <sub>4</sub> )-----	Short tons-----	184,254	256,549	303,235	424,373	399,632
Glauber's salt (100% Na <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O)-----	Short tons-----	185,626	149,177	31,902	983,493	1,027,761
Lower purity (99% or less Na <sub>2</sub> SO <sub>4</sub> )-----	Short tons-----	561,395	737,599	737,996		
Sulfuric acid, gross (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>12</sup> -----	1,000 sh. tons-----	13,029	16,255	17,883	24,790	27,186
Titanium dioxide (composite and pure) (100% TiO <sub>2</sub> )-----	Short tons-----	298,618	408,836	455,583	575,240	596,656

NA Not available. <sup>1</sup> Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators.

<sup>2</sup> Excludes quantities produced and consumed by municipalities.

<sup>3</sup> Excludes byproduct coke-oven production.

<sup>4</sup> Includes data for decolorizing and water purification grades only.

<sup>5</sup> Excludes quantities produced and consumed in plants manufacturing soda ash or urea.

<sup>6</sup> Total production, including quantities liquefied for use, storage, or shipment.

<sup>7</sup> Beginning 1955, excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g., vented, used as fuel, etc.

<sup>8</sup> Ammonia soda and caustic carbonation processes.

<sup>9</sup> Includes quantities used to manufacture caustic soda, sodium bicarbonate, and finished light and dense soda ash. <sup>10</sup> Excludes quantities converted to finished dense soda ash.

<sup>11</sup> Prior to 1960, includes amounts produced and consumed in making meta-, ortho-, and sesquisilicates; beginning 1960, excludes these amounts. <sup>12</sup> Includes Glauber's salt converted to 100% Na<sub>2</sub>SO<sub>4</sub>.

<sup>13</sup> Includes sulfuric acid of oleum grades.

Source: Dept. of Commerce, Bureau of the Census; compiled from manufacturers' reports and published in *Current Industrial Reports*, Series M28A.



No. 1149. SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP:  
1960, 1964, AND 1965

[Production and sales in millions of pounds; sales value in millions of dollars. Excludes Alaska and Hawaii]

GROUP	1960			1964			1965		
	Pro- duc- tion	Sales	Sales value	Pro- duc- tion	Sales	Sales value	Pro- duc- tion	Sales	Sales value
Synthetic organic chemicals.....	53,952	28,760	6,662	78,678	42,766	8,458	88,898	46,804	9,020
Cyclic.....	17,818	10,735	3,237	25,506	15,242	3,891	28,263	16,496	3,855
Intermediates.....	9,602	3,964	622	14,896	6,470	711	16,897	7,545	813
Dyes.....	156	148	192	184	178	264	207	190	292
Synthetic organic pigments.....	40	33	64	44	35	84	48	38	94
Medicinal chemicals.....	77	55	521	98	77	612	102	75	322
Flavor and perfume materials.....	33	26	37	50	41	57	53	45	57
Plastics and resin materials.....	2,716	2,228	628	3,915	3,256	777	4,453	3,690	874
Rubber-processing chemicals.....	170	130	85	222	162	109	211	166	109
Elastomers (synthetic rubbers).....	2,283	1,949	469	2,332	1,961	451	2,300	1,898	443
Plasticizers.....	445	384	103	718	690	120	799	765	133
Surface-active agents.....	977	927	147	1,348	1,245	165	1,371	877	96
Pesticides and other organic agri- cultural chemicals.....	525	455	203	585	523	317	682	582	378
Miscellaneous.....	793	435	165	1,115	604	224	1,138	625	245
Acyclic.....	36,134	18,026	3,425	53,172	27,525	4,567	60,635	30,308	5,165
Medicinal chemicals.....	37	33	35	47	42	33	59	56	41
Flavor and perfume materials.....	22	21	23	41	39	27	46	43	28
Plastics and resin materials.....	3,427	3,119	1,025	6,188	5,471	1,343	7,232	6,363	1,630
Rubber-processing chemicals.....	29	22	16	38	23	14	41	28	14
Elastomers (synthetic rubbers).....	669	602	229	1,089	996	359	1,292	1,143	400
Plasticizers.....	157	116	45	234	215	68	274	257	81
Surface-active agents.....	555	472	131	771	655	185	1,799	821	204
Pesticides and other organic agri- cultural chemicals.....	122	115	59	198	170	111	195	182	119
Miscellaneous.....	31,115	13,525	1,861	44,567	19,915	2,427	49,697	21,415	2,645

Source: U. S. Tariff Commission; annual report, *Synthetic Organic Chemicals, U. S. Production and Sales*.

No. 1150. INDUSTRIAL EXPLOSIVES SOLD FOR CONSUMPTION IN THE UNITED STATES: 1940 TO 1965

[In thousands of pounds. Prior to 1959, excludes Hawaii. Excludes exports]

YEAR	Total <sup>1</sup>	Per- mis- sible explo- sives <sup>2</sup>	High explo- sives other than permis- sible <sup>3</sup>	Black blast- ing pow- der	YEAR AND USE	Total	Per- mis- sible explo- sives <sup>2</sup>	High explo- sives other than permis- sible <sup>3</sup>	Black blast- ing pow- der
1964									
1940.....	423,369	58,436	305,180	59,753	Coal mining.....	<sup>1</sup> 549,285	75,950	470,702	450
1945.....	457,311	97,407	322,956	36,948	Metal mining.....	318,300	117	318,176	6
1950.....	719,841	109,420	575,962	20,655	Quarrying and non- metal mining.....	361,245	741	360,312	193
1954.....	715,955	75,863	612,054	10,297	Railway and other construction work.....	332,120	291	331,716	113
1955.....	806,878	93,718	687,226	6,624	Seismograph.....	91,238	28	91,205	5
1956.....	1,026,780	104,934	898,524	5,598	All other purposes.....	13,363	280	12,904	179
1957.....	1,034,631	104,522	912,589	3,684	1965				
1958.....	961,597	84,085	864,117	2,492	Coal mining.....	<sup>1</sup> 594,963	73,564	515,661	141
1959.....	1,048,576	83,520	955,916	2,333	Metal mining.....	356,715	79	356,632	4
1960.....	1,172,998	80,577	1,089,216	1,537	Quarrying and non- metal mining.....	371,035	1,520	369,334	181
1961.....	1,203,621	73,439	1,126,427	1,521	Railway and other construction work.....	411,384	466	410,859	59
1962.....	1,312,406	72,884	1,236,056	1,222	Seismograph.....	140,158	66	140,092	—
1963.....	1,455,924	76,319	1,376,633	1,138	All other purposes.....	10,645	345	9,849	451
1964.....	1,665,551	77,406	1,585,015	946					
1965.....	1,884,900	76,040	1,802,426	836					

— Represents zero.

<sup>1</sup> Beginning 1950, totals include sales of liquid oxygen explosive. For 1964 and 1965, such sales amounted to 2,184,000 and 5,598,000 pounds, respectively, all for use in coal mining.

<sup>2</sup> Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

<sup>3</sup> Beginning 1956, includes processed and unprocessed ammonium nitrate blasting agents.

Source: Dept. of the Interior, Bureau of Mines; *Consumption of Industrial Explosives*.

# No. 1151. ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS: 1950 TO 1966

[In thousands of squares, except as noted. Prior to 1960, excludes Alaska and Hawaii. A square is a quantity of material sufficient to cover 100 square feet of surface area]

PRODUCT	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>Asphalt roofing</b> .....	65,024	62,582	59,959	64,489	71,075	72,338	69,363
Smooth-surfaced.....	14,377	11,502	8,919	11,145	12,816	15,101	16,403
Mineral-surfaced.....	14,116	12,902	12,835	12,964	13,401	13,192	12,514
Strip shingles.....	32,109	33,915	33,811	36,101	40,163	39,798	36,830
Self-sealing.....	(NA)	(NA)	(NA)	8,133	11,696	14,594	15,184
Standard or regular.....	(NA)	(NA)	(NA)	27,968	28,467	25,204	21,646
Individual shingles.....	4,422	4,263	4,393	4,279	4,695	4,246	3,616
<b>Asphalt sidings</b> .....	2,009	1,288	872	797	720	628	554
Roll form.....	1,659	1,066	734	713	650	579	516
Shingle form.....	350	223	138	84	70	48	38
Insulated siding, all types and finishes.....	2,402	2,195	1,131	843	680	590	539
<b>Saturated felts</b> .....1,000 short tons..	721	1,039	983	990	995	980	880
Asphalt.....1,000 short tons..	621	905	898	940	946	928	827
Tar.....1,000 short tons..	100	134	85	50	49	51	53
Saturated and coated sheathings..... short tons..	12,025	9,723	11,859	11,997	10,876	8,784	6,740

NA Not available.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M29A.

# No. 1152. STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND: 1950 TO 1966

[Prior to 1964, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series P 212, for production of brick]

PRODUCT	1950	1955	1960	1964	1965	1966
<b>Brick (building or common and face):</b>						
Production.....mil. standard bricks..	6,333	7,902	6,943	7,868	8,212	8,384
Shipments: Quantity.....mil. standard bricks..	6,486	7,741	6,502	7,744	8,089	7,609
Value.....mil. dol.....	164	233	224	285	301	293
<b>Facing tile (structural), ceramic glazed, inc. glazed brick:</b>						
Production.....mil. brick equivalent..	(NA)	455	378	343	315	318
Shipments: Quantity.....mil. brick equivalent..	(NA)	446	370	333	308	293
Value.....mil. dol.....	(NA)	31	31	28	25	25
<b>Facing tile (structural), unglazed and salt glazed:</b>						
Production.....mil. tiles..	(NA)	26	14	8	6	6
Shipments: Quantity.....mil. tiles..	(NA)	26	12	7	6	5
Value.....mil. dol.....	(NA)	4	3	2	1	1
<b>Structural clay tile, except facing:</b>						
Production.....1,000 sh. tons..	1,294	935	496	307	289	246
Shipments: Quantity.....1,000 sh. tons..	1,317	929	488	311	313	268
Value.....mil. dol.....	15	12	8	5	5	5
<b>Vitrified clay sewer pipe and fittings:</b>						
Production.....1,000 sh. tons..	1,549	2,112	1,955	1,891	1,820	1,705
Shipments: Quantity.....1,000 sh. tons..	1,568	2,056	1,855	1,837	1,732	1,610
Value.....mil. dol.....	53	84	95	104	103	97
<b>Clay floor and wall tile and accessories:</b>						
Production.....mil. sq. ft..	125	233	242	332	322	284
Shipments: Quantity.....mil. sq. ft..	127	233	233	321	320	273
Value.....mil. dol.....	62	128	130	165	161	133
Glazed wall tile: <sup>1</sup>						
Production.....mil. sq. ft..	(NA)	(NA)	(NA)	255	252	221
Shipments: Quantity.....mil. sq. ft..	(NA)	(NA)	(NA)	244	249	212
Value.....mil. dol.....	(NA)	(NA)	(NA)	129	126	103
Glazed ceramic mosaic tile: <sup>1 2</sup>						
Production.....mil. sq. ft..	(NA)	(NA)	(NA)	4	4	3
Shipments: Quantity.....mil. sq. ft..	(NA)	(NA)	(NA)	4	4	3
Value.....mil. dol.....	(NA)	(NA)	(NA)	3	2	2
Unglazed ceramic mosaic tile: <sup>1 2</sup>						
Production.....mil. sq. ft..	(NA)	(NA)	(NA)	36	35	33
Shipments: Quantity.....mil. sq. ft..	(NA)	(NA)	(NA)	36	35	32
Value.....mil. dol.....	(NA)	(NA)	(NA)	18	18	16
Quarry tile: <sup>1</sup>						
Production.....mil. sq. ft..	(NA)	(NA)	(NA)	37	32	28
Shipments: Quantity.....mil. sq. ft..	(NA)	(NA)	(NA)	37	32	26
Value.....mil. dol.....	(NA)	(NA)	(NA)	15	14	11

NA Not available. <sup>1</sup> Prior to 1964, not collected separately.

<sup>2</sup> Tiles having a facial area of less than 6 square inches.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32D.



## No. 1153. REFRACTORIES—SHIPMENTS: 1964 to 1966

[Excludes shipments of ground crude fire clay, high alumina clay, silica fire clay, and dead-burned magnesia or magnesite for direct use as finished refractory products, but not classified as refractories under the Standard Industrial Classification System]

PRODUCT	Unit	1964		1965		1966 (prel.)	
		Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)	Quan- tity	Value (\$1,000)
<b>Clay refractories</b>	(X)	(X)	201,809	(X)	224,259	(X)	239,506
Bricks and shapes:							
Fire clay (incl. semisilica), except superduty	M 9" equiv.	289,955	45,863	307,502	49,301	311,934	52,364
Fire clay, superduty	M 9" equiv.	72,307	21,160	85,888	25,936	91,147	26,674
High alumina <sup>1 2</sup> (50% Al <sub>2</sub> O <sub>3</sub> and over)	M 9" equiv.	38,443	19,150	45,955	23,894	51,364	26,951
Ladle brick	M 9" equiv.	224,035	25,827	220,285	26,509	210,995	26,297
Sleeves, nozzles, runner brick and tuyeres	M 9" equiv.	48,800	11,590	49,768	12,490	51,222	12,919
Glass-house pots, tank blocks <sup>2 3</sup>	Short tons	12,667	4,291	15,518	5,273	14,572	5,284
Insulating firebrick and shapes	M 9" equiv.	53,772	13,443	62,203	16,249	77,602	20,268
1600° F to 1999° F	M 9" equiv.	7,101	1,455	7,498	1,635	4,021	715
2000° F to 2299° F	M 9" equiv.	15,917	2,985	13,007	2,426	22,023	4,250
2300° F to 2799° F	M 9" equiv.	25,854	7,014	35,365	9,438	43,735	11,878
2800° F and higher	M 9" equiv.	4,900	1,989	6,333	2,750	7,823	3,425
Hot top refractories	Short tons	73,345	5,219	68,695	5,035	66,460	5,074
Clay kiln furniture, radiant heater elements, potters' supplies <sup>4</sup>	Short tons	(S)	8,544	(S)	8,240	(S)	8,238
Refractory bonding mortars: <sup>5</sup>							
Air-setting wet and dry types	Short tons	59,485	7,051	62,950	7,539	63,541	7,560
Other types	Short tons	11,948	1,189	12,949	1,303	16,372	1,804
Plastic refractories and ramming mixes <sup>2 6</sup>	Short tons	180,659	15,718	192,199	17,422	201,518	18,677
Castable refractories (hydraulic setting):							
Clay <sup>2</sup>	Short tons	137,846	14,067	154,226	15,760	175,850	17,562
Insulating	Short tons	26,394	3,370	30,142	3,986	34,160	4,505
Other clay refractory materials sold in lump or ground form <sup>7</sup>	Short tons	206,608	5,327	195,763	5,322	199,291	5,329
<b>Nonclay refractories</b>	(X)	(X)	295,750	(X)	312,022	(X)	337,809
Bricks and shapes:							
Silica	M 9" equiv.	127,781	23,981	109,586	21,109	97,244	19,057
Magnesite and magnesite-chrome <sup>8</sup>	M 9" equiv.	104,504	94,085	107,145	98,259	106,697	100,446
Chrome and chrome-magnesite <sup>9 10</sup>	M 9" equiv.	39,490	30,550	32,491	26,009	32,554	27,209
Graphite crucibles, retorts <sup>11</sup>	Short tons	15,073	11,572	17,728	14,474	19,525	14,964
Mullite <sup>10 12</sup>	M 9" equiv.	5,589	7,148	6,429	8,414	7,929	10,246
Extra-high alumina <sup>10 13</sup>	M 9" equiv.	3,881	7,779	3,551	8,481	3,802	9,484
Silicon carbide <sup>14</sup>	M 9" equiv.	3,298	11,178	3,517	11,630	3,996	12,415
Zircon and zirconia <sup>15</sup>	M 9" equiv.	947	3,814	1,239	4,654	1,562	5,973
Forsterite, molten cast, dolomite <sup>16</sup>	M 9" equiv.	(S)	30,394	(S)	37,615	26,936	40,207
Mortars:							
Basic bonding <sup>17</sup>	Short tons	219,576	19,210	231,334	19,978	127,633	11,282
Other	Short tons	27,296	4,812	42,977	5,516	41,103	5,983
Nonclay refractory castables <sup>18</sup>	Short tons	20,825	3,194	24,690	4,329	27,331	5,441
Plastic refractories and ramming mixes (wet and dry types):							
Basic <sup>19</sup>	Short tons	153,172	16,292	156,144	17,328	164,478	18,387
Other	Short tons	32,514	7,651	37,907	9,212	46,924	11,390
Other nonclay refractory materials sold in lump or ground form <sup>7 20</sup>	Short tons	277,125	24,090	255,148	25,014	415,644	45,325
Ground crude fire clay, high alumina clay and silica fire clay <sup>7 21</sup>	Short tons	351,050	3,458	453,950	4,617	531,061	6,000
Dead-burned magnesia or mag- nesite <sup>7</sup>	Short tons	250,049	15,175	195,456	12,828	137,060	8,933

S Withheld because data did not meet publication standards. X Not applicable.

<sup>1</sup> Made substantially of calcined diaspore or bauxite. "Calcined" as applied to diaspore and bauxite implies heat treatment short of fusion for volume stability prior to use in a refractory product.

<sup>2</sup> Excludes mullite and extra-high alumina refractories, included under nonclay refractories.

<sup>3</sup> Includes feeder parts and upper structure shapes used only for glass tanks.

<sup>4</sup> Includes other miscellaneous shaped refractory items.

<sup>5</sup> Bonding mortars containing more than 60% Al<sub>2</sub>O<sub>3</sub> dry basis included under nonclay refractories.

<sup>6</sup> Includes products referred to as plastic firebrick and the less plastic materials intended for ramming into place after the addition of water (when shipped in dry form).

<sup>7</sup> Represents only shipments by establishments classified in "manufacturing" industries and excludes shipments to refractory producers for manufacture of brick and other refractories. Other clay refractory includes calcined clay, ground brick, and siliceous and other gunning mixes.

<sup>8</sup> Magnesite predominating. Excludes molten cast and fused magnesia.

<sup>9</sup> Chrome predominating. <sup>10</sup> Excludes molten cast.

<sup>11</sup> Includes stopper heads and other shaped refractories containing natural graphite.

<sup>12</sup> Made predominantly of kyanite, sillimanite, andalusite, or synthetic mullite.

<sup>13</sup> Made predominantly of fused bauxite, fused or dense-sintered alumina.

<sup>14</sup> Made predominantly of silicon carbide. <sup>15</sup> Made predominantly of zircon or zirconia.

<sup>16</sup> Includes dolomite-magnesite, pyrophyllite and other nonclay brick and shapes.

<sup>17</sup> Magnesite or chrome ore predominating. <sup>18</sup> Hydraulic setting.

<sup>19</sup> Magnesite, dolomite, or chrome ore predominating. <sup>20</sup> Includes carbon refractories and gunning mixes.

<sup>21</sup> Includes refractory clays subjected to no treatment other than grinding (and usually screening) or weathering, or both.



No. 1154. GLASSWARE—SHIPMENTS: 1964 AND 1965

[For definitions of individual product lines, see source]

PRODUCT	1964			1965		
	Total <sup>1</sup>		By selected establishments <sup>2</sup> value (\$1,000)	Total <sup>1</sup>		By selected establishments <sup>2</sup> value (\$1,000)
	Quantity	Value (\$1,000)		Quantity	Value (\$1,000)	
Total.....	(X)	(3)	600,912	(X)	(3)	644,481
Table, kitchen, art, and novelty glassware.....	(X)	(D)	256,213	(X)	(D)	250,126
Machine-made:						
Tumblers <sup>4</sup> .....1,000 dozen.....	62,110	63,260	59,856	64,793	66,451	62,743
Stemware.....1,000 dozen.....	5,897	14,451	13,623	7,022	17,123	16,217
Tableware, cookware, ovenware, and kitchenware.....1,000 pieces.....	414,468	125,412	121,592	410,485	107,566	103,543
Ornamental, novelty, smokers' accessories.....	(X)	20,705	18,437	(X)	23,207	20,891
Handmade:						
Tumblers <sup>4</sup> .....1,000 pieces.....	11,963	3,890	(D)	11,519	4,241	(D)
Stemware.....1,000 dozen.....	1,303	10,266	(D)	1,592	11,097	(D)
Tableware.....1,000 pieces.....	8,528	9,609	(D)	8,631	8,697	(D)
Other.....	(X)	13,417	(D)	(X)	15,551	(D)
Lighting and electronic glassware.....	(X)	(D)	245,162	(X)	(D)	279,229
Automotive lighting glassware.....	(X)	17,981	17,981	(X)	20,121	20,121
Searchlight and other lenses.....	(X)	2,426	(D)	(X)	3,583	(D)
Electronic-tube blanks.....	(D)	6,288	(D)	(D)	7,152	(D)
Tubing and cane for electric light bulbs <sup>5</sup> .....	(X)	28,207	27,066	(X)	31,083	29,757
Electric light bulb blanks, TV tube blanks and parts <sup>6</sup> .....	(X)	153,310	145,274	(X)	177,705	169,367
Bowls and enclosing globes, lamp chimneys: <sup>7</sup>						
Interior.....	(X)	25,400	21,848	(X)	28,822	25,355
Exterior.....	(X)	7,504	7,504	(X)	7,271	7,270
All other glassware.....	(X)	(D)	99,537	(X)	(D)	115,126
Tubing, rods and canes, all types, exc. electrical and electronic.....	(X)	13,100	(D)	(X)	13,219	(D)
Scientific and laboratory.....	(X)	52,369	(D)	(X)	62,537	(D)
Industrial and technical.....	(X)	34,917	26,935	(X)	38,465	26,655
Ophthalmic lens blanks and optical instrument lens blanks.....	(X)	12,964	(D)	(X)	13,997	(D)
Other glassware.....	(X)	32,048	20,322	(X)	35,496	23,422

D Withheld to avoid disclosing figures of individual companies. X Not applicable.  
<sup>1</sup> Includes shipments valued between \$50 million and \$100 million by establishments manufacturing glassware primarily from glass received from other establishments.  
<sup>2</sup> Establishments manufacturing glassware primarily from glass produced in the same establishment.  
<sup>3</sup> For 1964, value totaled between \$650 million and \$700 million and for 1965 between \$700 million and \$750 million.  
<sup>4</sup> One-piece, excluding packers' tumblers.  
<sup>5</sup> Includes tubing and cane for fluorescent and neon lighting. <sup>6</sup> Includes tubing, cane, and other glass parts for electronic tubes and devices. <sup>7</sup> Includes lamp parts, shades, reflectors, and other lighting glassware.  
Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series MA-32 E (65)-1.

No. 1155. FLAT GLASS—PRODUCTION AND SHIPMENTS: 1965 AND 1966

[In thousand boxes of 50 square feet, each single strength or equivalent, except as indicated]

PRODUCT	1965			1966		
	Production <sup>1</sup>	Shipments		Production <sup>1</sup>	Shipments	
		Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
Flat glass, total.....	(X)	(X)	354,308	(X)	(X)	343,138
Sheet (window) glass, not rolled.....	26,625	24,078	140,559	23,710	22,930	136,785
Single strength, uncolored.....	11,207	10,677	59,039	9,532	9,866	54,982
Double strength, incl. greenhouse, uncolored.....	4,565	4,642	28,584	4,422	4,403	27,421
Heavy sheet, uncolored.....	9,258	7,235	40,803	8,042	6,975	40,902
Thin, incl. picture glass, and tinted or colored glass, all thicknesses.....	1,595	1,524	12,083	1,714	1,686	13,480
Plate, float, and rolled and wire glass <sup>2</sup> 1,000 sq. ft.....	884,577	605,552	213,749	878,893	582,543	206,353
Plate and float:						
Not over 1/8" thick.....1,000 sq. ft.....	401,036	278,204	85,484	389,877	265,301	79,983
Over 1/8" but not over 1/4" thick.....1,000 sq. ft.....	413,439	265,539	104,054	416,903	254,868	99,157
Plate and float, over 1/4" thick, and rolled and wire glass.....1,000 sq. ft.....	70,102	61,809	24,211	72,113	62,374	27,213

X Not applicable.  
<sup>1</sup> Includes quantities shipped and quantities incorporated into other products manufactured by establishments producing glass. <sup>2</sup> Excludes glass block and tile.  
Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M32A(66)-4.

## No. 1156. PIG IRON AND FERROALLOYS—SUMMARY: 1940 TO 1966

[In thousands of short tons, except furnaces. See *Historical Statistics, Colonial Times to 1957*, series P 233]

ITEM	1940	1945	1950	1955	1960	1964	1965	1966
Blast furnaces, total number, Jan. 1.....	232	243	248	261	263	244	239	236
Number in blast, Jan. 1.....	195	218	218	206	229	147	191	151
Blast furnace production.....	46,979	54,166	65,440	77,790	67,320	86,212	88,859	92,150
Pig iron.....	46,072	53,223	64,587	76,857	66,481	85,600	88,185	91,500
Ferroalloys.....	907	943	853	932	839	611	674	650
Electric furnace production, ferroalloys....	419	753	961	1,474	1,246	1,721	2,059	1,853
<b>Total production</b> .....	<b>47,399</b>	<b>54,919</b>	<b>66,400</b>	<b>79,264</b>	<b>68,566</b>	<b>87,863</b>	<b>90,918</b>	<b>94,003</b>
Basic.....	33,988	39,867	49,880	62,485	58,261	78,398	80,431	83,473
Bessemer and low-phosphorus.....	7,835	8,570	8,426	7,699	3,791	2,923	2,935	3,091
Foundry (incl. ferrosilicon) <sup>1</sup> .....	2,791	3,067	3,646	3,558	2,152	2,223	2,304	2,192
Malleable.....	1,832	2,350	3,181	3,531	2,673	2,274	2,806	2,848
Ferromanganese and spiegeleisen.....	747	706	777	955	878	867	1,009	913
All other <sup>1</sup> .....	206	360	490	1,035	811	1,178	1,433	1,486
Materials used: <sup>2</sup>								
Iron and manganese ore <sup>3</sup> .....	79,672	91,276	112,156	127,753	104,608	131,085	133,470	140,572
Mill cinder, scrap, scale, etc.....	7,480	9,749	10,731	15,210	9,034	11,437	11,272	9,608
Coke.....	40,451	48,965	59,549	67,061	49,772	56,065	57,880	58,620
Limestone, dolomite, etc.....	16,678	20,863	27,708	29,744	15,868	16,819	17,942	16,585

<sup>1</sup> Prior to 1964, silvery pig iron included in "Foundry"; thereafter, in "All other."<sup>2</sup> Materials consumed in manufacture of pig iron only. <sup>3</sup> Includes agglomerated products.

## No. 1157. PIG IRON AND FERROALLOYS—PRODUCTION, BY STATES: 1945 TO 1966

[In thousands of short tons]

STATE	1945	1950	1955	1960	1964	1965	1966
<b>Total</b> .....	<b>54,919</b>	<b>66,400</b>	<b>79,264</b>	<b>68,566</b>	<b>87,932</b>	<b>90,918</b>	<b>94,003</b>
<b>Pig iron</b> .....	<b>53,223</b>	<b>64,587</b>	<b>76,857</b>	<b>66,481</b>	<b>85,600</b>	<b>88,185</b>	<b>91,500</b>
Alabama.....	3,582	4,347	4,924	3,541	4,313	4,290	4,389
Colorado, Utah, California.....	1,642	2,653	3,561	3,735	4,723	4,877	4,897
Illinois.....	5,045	6,024	6,489	5,307	5,672	6,294	6,639
Indiana.....	5,982	7,018	8,717	8,404	11,511	11,020	11,955
Kentucky, Tennessee, Texas.....	808	1,460	1,713				
Maryland, West Virginia.....	3,519	5,203	6,094	7,987	10,567	10,875	11,119
Michigan, Minnesota.....	1,921	2,830	4,002	4,981	7,386	7,533	7,932
New York <sup>1</sup> .....	3,295	4,302	5,144	4,205	5,135	6,100	6,488
Ohio.....	11,259	12,510	15,370	11,788	15,321	15,407	16,406
Pennsylvania.....	16,171	18,240	20,844	16,533	20,974	21,789	21,675
<b>Ferroalloys</b> .....	<b>1,696</b>	<b>1,813</b>	<b>2,406</b>	<b>2,086</b>	<b>2,332</b>	<b>2,733</b>	<b>2,503</b>
New York <sup>2</sup> .....	449	392	309	152	75	111	110
Ohio.....	204	198	547	658	758	785	754
Pennsylvania.....	573	554	590	510	572	551	473
Tennessee.....	66	60					
Virginia, West Virginia, South Carolina.....	171	287	464	345	445	644	590
Other States.....	233	323	497	419	482	642	576

<sup>1</sup> Includes Massachusetts through 1955.<sup>2</sup> Includes New Jersey through 1955.

## No. 1158. STEEL—PRODUCTION OF RAW STEEL: 1940 TO 1966

[In thousands of short tons, except index of production, 1957-59=100. Excludes foundries which normally produce only for castings. See *Historical Statistics, Colonial Times to 1957*, series P 203-207, for production in long tons]

YEAR	Total	Index	Open hearth	Bes- semer	Elec- tric	Basic oxygen process	YEAR	Total	Index	Open hearth	Bes- semer	Elec- tric	Basic oxygen process
1940...	66,983	68.8	61,573	3,709	1,701	-	1958...	85,255	87.8	75,879	1,396	6,656	1,323
1945...	79,702	82.0	71,940	4,305	3,457	-	1959...	93,446	96.2	81,669	1,380	8,533	1,864
1950...	96,836	99.7	86,263	4,535	6,039	-							
							1960...	99,282	101.9	86,368	1,189	8,379	3,346
1952...	93,168	95.7	82,846	3,524	6,798	-	1961...	98,014	100.9	84,502	881	8,664	3,967
1953...	111,610	114.9	100,474	3,856	7,280	-	1962...	98,328	101.2	82,957	805	9,013	5,553
1954...	88,312	90.9	80,327	2,548	5,436	-	1963...	109,261	112.5	88,834	963	10,920	8,544
1955...	117,036	120.5	105,359	3,320	8,050	307	1964...	127,076	130.5	98,097	858	12,678	15,442
1956...	115,216	118.3	102,841	3,228	8,641	506	1965...	131,462	135.3	94,193	586	13,804	22,879
1957...	112,715	116.0	101,658	2,475	7,971	612	1966...	134,101	138.1	85,025	278	14,870	33,928

- Represents zero.

Source of tables 1156-1158: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.



## No. 1159. IRON AND STEEL PRODUCTS—PRODUCTION, BY KIND: 1930 TO 1966

[In thousands of short tons. See *Historical Statistics, Colonial Times to 1957*, series P 208 and P 210-211, for production in long tons for selected items]

KIND	1930	1940	1950	1955	1960	1965	1966
<b>Hot-rolled products</b> .....	33,055	48,660	75,191	90,653	76,446	99,304	99,205
Plates.....	4,102	4,323	7,386	8,191	7,449	11,404	11,021
Sheets.....	3,933	11,706	22,693	31,517	29,815	39,207	39,965
Black plate.....	2,120	522	153	—	—	—	—
Strip.....	2,175	2,078	3,904	3,634	1,549	1,791	1,706
Coils for cold reduced black plate and tin plate.....	(NA)	3,104	5,991	7,579	7,957	7,803	7,695
Hoops.....	89	97	37	16	11	( <sup>1</sup> )	( <sup>1</sup> )
Cotton ties and baling bands.....	52	45	49	64	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Bars—merchant.....	4,628	6,459	9,353	10,123	7,752	10,078	9,858
Bars—concrete reinforcing.....	952	1,426	1,833	2,393	2,358	3,772	3,713
Bars—light shapes.....	562	877	1,063	1,264	1,040	1,416	1,424
Structural shapes—heavy.....	3,372	3,356	4,379	5,072	5,085	6,225	6,263
Steel piling.....	118	186	243	303	286	668	549
Rails.....	2,098	1,679	1,850	1,227	711	766	878
Joint bars and tie plate bars.....	679	516	656	473	173	197	266
Skelp.....	3,004	2,709	4,164	5,144	3,193	3,600	3,834
Blanks or pierced billets.....	1,398	2,321	4,031	4,891	3,546	4,277	4,218
Wire rods.....	2,630	4,352	5,820	6,098	4,265	5,081	5,303
Rolled forging billets.....	341	920	1,215	1,959	927	1,806	1,598
Blooms, billets, etc., for export.....	11	1,678	11	242		661	374
Car wheels (rolled steel).....	790	191	260	316		331	341
All other.....		116	101	101	92	221	199
<b>Miscellaneous products:</b> <sup>2</sup>							
Tin plate and terneplate.....	1,883	2,739	4,640	5,157	5,901	5,441	5,453
Galvanized sheets and strip.....	1,171	1,695	2,274	2,875	3,102	4,927	5,003
Wire (plain).....	(NA)	3,072	4,855	4,787	3,263	3,805	3,784
Wire nails.....	478	649	876	653	347	310	325
Pipes and tubes (black).....	(NA)	4,273	9,310	10,039	7,638	8,941	9,599
Forgings made by rolling mills <sup>3</sup> .....	533	623	457	547	434	712	803
Cold finished bars.....	(NA)	891	1,745	2,074	1,562	2,011	2,212
Sheets (cold rolled).....	(NA)	3,630	10,433	16,855	16,479	20,733	21,148
Strip (cold rolled).....	(NA)	939	2,203	2,496	1,718	2,235	2,131
Galvanized pipe.....	441	708	1,103	1,101	649	711	787

- Represents zero. NA Not available.

<sup>1</sup> Beginning 1960, "Cotton ties and baling bands" included in "Strip"; beginning 1964, "Hoops" also included in "Strip."

<sup>2</sup> These are mostly further elaborations of products listed above.

<sup>3</sup> Includes forged axles.

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

## No. 1160. IRON AND STEEL—WHOLESALE PRICE INDEXES: 1940 TO 1967

[1957-59=100. Prior to 1961, excludes Alaska and Hawaii; for treatment in index weights, see text, p. 347]

YEAR	Iron and steel, total	STEEL MILL PRODUCTS			Pig iron and ferro-alloys	Iron ore	Scrap, iron and steel	Foundry and forge shop products
		Total	Finished	Semi-finished				
1940.....	37.7	36.7	37.3	31.5	(NA)	(NA)	(NA)	(NA)
1945.....	39.3	37.9	38.5	32.9	(NA)	(NA)	(NA)	(NA)
1950.....	66.9	62.9	63.1	60.7	69.8	69.9	101.0	67.6
1955.....	83.2	81.8	81.9	81.9	83.7	91.1	101.0	82.0
1960.....	100.6	102.1	102.1	102.0	96.3	97.1	79.9	103.1
1961.....	100.7	101.7	101.7	101.8	94.7	93.1	84.7	103.4
1962.....	99.3	101.4	101.4	101.8	91.1	93.9	69.0	103.6
1963.....	99.1	102.0	102.0	102.3	81.8	93.1	66.5	103.6
1964.....	100.5	102.8	102.8	103.5	77.7	90.6	79.3	104.7
1965.....	101.4	103.3	103.3	103.3	80.2	90.5	81.6	106.1
1966.....	102.3	104.7	104.7	103.7	80.2	90.5	77.3	108.0
March.....	102.3	104.3	104.4	103.3	80.0	90.5	82.0	107.2
1967, March.....	103.3	105.6	105.7	104.3	80.2	90.5	74.1	111.0

NA Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; monthly and annual reports, *Wholesale Prices and Price Indexes*.



**No. 1161. STEEL PRODUCTS—NET SHIPMENTS, BY MARKET CLASSES: 1940 TO 1966**  
 [In thousands of short tons. Comprises carbon, alloy, and stainless steel]

MARKET CLASSES	1940	1945	1950	1955	1960	1965	1966
<b>Total</b> .....	<b>45,851</b>	<b>57,242</b>	<b>72,232</b>	<b>84,717</b>	<b>71,149</b>	<b>92,666</b>	<b>89,995</b>
Steel for converting and processing.....	1,646	2,706	3,900	3,753	2,928	3,932	3,153
Forgings, not elsewhere classified.....	435	1,418	1,082	1,266	841	1,250	1,323
Bolts, nuts, rivets, and screws.....	708	1,083	1,410	1,475	1,072	1,234	1,320
Steel service centers and distributors.....	6,687	9,571	13,360	15,758	12,480	16,369	16,400
Oil and gas supply houses.....	654	667	1,684	2,196	11,125	1,556	1,536
Other.....	6,033	8,904	11,676	13,562	1,355	14,813	14,864
Construction, including maintenance.....	5,959	6,060	8,602	9,682	9,664	11,836	11,862
Rail transportation.....	150	66	124	75	51	( <sup>1</sup> )	( <sup>1</sup> )
Oil and gas.....	991	1,396	3,039	2,448	2,166	2,308	2,514
Other.....	4,818	4,598	5,439	7,159	7,447	9,528	9,348
Contractors' products.....	( <sup>2</sup> )	( <sup>2</sup> )	3,075	3,982	3,602	5,018	4,969
Automotive.....	7,325	4,071	14,472	18,722	14,610	20,123	17,984
Vehicles, parts, etc.....	7,185	3,774	13,923	18,203	14,194	19,423	17,302
Forgings.....	140	297	549	519	416	700	682
Rail transportation.....	3,777	5,121	4,299	3,521	2,525	3,805	4,352
Railroad rails, trackwork, and equipment.....	1,202	1,451	2,222	1,580	723	<sup>3</sup> 930	1,173
Freight cars, passenger cars, and locomotives.....	2,575	3,670	2,029	1,901	1,763	2,875	3,159
Street railways and rapid transit systems.....			48	40	39	( <sup>3</sup> )	( <sup>3</sup> )
Shipbuilding and marine equipment.....	940	2,719	327	601	622	1,051	1,017
Aircraft.....	48	301	52	97	78	94	129
Oil and gas drilling.....	( <sup>2</sup> )	( <sup>2</sup> )	620	793	404	380	377
Mining, quarrying, and lumbering.....	141	210	289	269	288	392	392
Agricultural.....	920	1,120	1,538	1,337	1,003	1,483	1,705
Agricultural machinery.....	(NA)	(NA)	1,298	1,112	765	1,169	1,318
Other.....	(NA)	(NA)	240	225	238	314	387
Machinery, industrial equipment, and tools.....	1,108	1,607	3,474	4,699	3,958	5,873	5,747
Electrical machinery and equipment.....	777	819	1,837	2,292	2,078	2,985	3,021
Appliances, utensils, and cutlery.....	950	675	2,088	2,199	1,760	2,179	2,311
Other domestic and commercial equipment.....	1,210	1,433	1,804	2,189	1,959	2,179	2,215
Containers, packaging and shipping materials.....	2,985	4,333	5,911	6,723	6,429	7,331	6,597
Cans and closures.....	(NA)	(NA)	4,339	4,947	4,976	5,867	5,035
Barrels, drums, and shipping pails.....	(NA)	(NA)	925	983	842	810	827
Other.....	(NA)	(NA)	647	793	611	654	735
Ordnance and other military.....	(NA)	5,509	195	857	165	289	686
Exports (reporting companies only).....	8,099	3,793	2,567	3,583	2,563	2,078	1,541
Nonclassified shipments.....	2,135	4,693	1,330	919	2,120	2,785	2,914

NA Not available. <sup>1</sup> Beginning 1964, "Rail transportation" included in "Other."

<sup>2</sup> Included in "Construction, including maintenance."

<sup>3</sup> Beginning 1964, "Street railways and rapid transit systems" included in "Railroad rails, trackwork."

Source: American Iron and Steel Institute, New York, N.Y.; *Annual Statistical Report*.

**No. 1162. IRON AND STEEL—AGGREGATE EXPORTS OF SELECTED ITEMS: 1900 TO 1966**

[Quantities in thousands of short tons; values in millions of dollars. Includes exports of Puerto Rico to foreign countries. Includes ferromanganese. Beginning 1925, excludes steam and hot water heating boilers and radiators. Value figures through 1920 exclude, and those beginning 1925 include, data for small items for which quantity figures are not available. Includes shipments under foreign aid programs; beginning 1949 also includes civilian supply shipments. Beginning 1952, quantity figures exclude data for wire cloth and articles for which quantities are not reported]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1900.....	1,292	43	1945.....	5,203	461	1958.....	6,328	1,046
1905.....	1,131	34	1950.....	3,248	465	1959.....	7,009	835
1910.....	1,723	63	1951.....	3,783	612	1960.....	11,493	1,187
1915.....	3,957	141	1952.....	4,854	771	1961.....	12,442	1,140
1920.....	5,527	458	1953.....	3,711	640	1962.....	7,597	947
1925.....	1,974	144	1954.....	4,826	653	1963.....	9,208	1,048
1930.....	2,220	139	1955.....	9,723	979	1964.....	12,051	1,317
1935.....	3,431	88	1956.....	11,574	1,281	1965.....	8,934	1,202
1940.....	11,876	524	1957.....	13,657	1,623	1966.....	7,776	1,155

Source: Dept. of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

# **No. 1163. FERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1966**

[In thousands of short tons. Prior to 1963, excludes Alaska and Hawaii. Gray iron castings, except 1950, are based on a sample of foundries; all other data on a complete count]

ITEM	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>GRAY IRON CASTINGS</b>							
<b>Shipments<sup>1</sup></b> .....	<b>13,725</b>	<b>14,838</b>	<b>11,594</b>	<b>12,764</b>	<b>14,316</b>	<b>15,713</b>	<b>15,711</b>
Pressure pipe and fittings.....	1,215	1,687	1,336	1,677	1,860	1,876	1,806
Soil pipe and fittings.....	795	870	782	913	940	958	985
All other gray iron castings.....	11,715	12,281	9,476	10,174	11,516	12,879	12,920
<b>Unfilled orders, Dec. 31<sup>2</sup></b> .....	<b>2,142</b>	<b>1,075</b>	<b>553</b>	<b>719</b>	<b>855</b>	<b>882</b>	<b>961</b>
Pressure pipe and fittings.....	617	277	146	201	198	214	215
Soil pipe and fittings.....	208	27	16	11	14	18	13
All other gray iron castings.....	1,317	771	391	507	643	650	732
<b>MALLEABLE IRON CASTINGS</b>							
<b>Shipments</b> .....	<b>942</b>	<b>1,105</b>	<b>821</b>	<b>933</b>	<b>1,001</b>	<b>1,136</b>	<b>1,131</b>
For sale.....	537	653	467	523	589	648	689
For own use.....	405	452	354	410	413	488	442
Standard malleable.....	(NA)	(NA)	632	691	736	828	850
Pearlitic malleable.....	(NA)	(NA)	189	242	265	309	281
<b>Unfilled orders, Dec. 31<sup>2</sup></b> .....	<b>222</b>	<b>123</b>	<b>55</b>	<b>88</b>	<b>122</b>	<b>174</b>	<b>182</b>
Standard malleable.....	(NA)	(NA)	41	68	92	132	143
Pearlitic malleable.....	(NA)	(NA)	13	19	30	42	39
<b>STEEL CASTINGS</b>							
<b>Shipments<sup>1</sup></b> .....	<b>1,481</b>	<b>1,531</b>	<b>1,392</b>	<b>1,504</b>	<b>1,835</b>	<b>1,961</b>	<b>2,156</b>
Carbon.....	1,130	1,088	1,016	1,030	1,305	1,378	1,526
Alloy.....	351	443	376	474	530	583	630
<b>Unfilled orders, Dec. 31<sup>2</sup></b> .....	<b>570</b>	<b>475</b>	<b>163</b>	<b>262</b>	<b>337</b>	<b>436</b>	<b>591</b>
Carbon.....	476	364	125	200	264	325	445
Alloy.....	94	111	38	62	73	111	146

NA Not available. <sup>1</sup> Includes shipments "for own use."

<sup>2</sup> Unfilled orders "for sale" only. Excludes unfilled orders of captive plants.

Source: Dept. of Commerce, Bureau of the Census. Monthly data in *Current Industrial Reports*, Series M33A, and M33-1.

# **No. 1164. COPPER-BASE MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1950 TO 1966**

[In millions of pounds, metal weight. Excludes Alaska and Hawaii]

TYPE OF PRODUCT	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
<b>Total</b> .....	<b>5,037</b>	<b>5,130</b>	<b>4,298</b>	<b>4,956</b>	<b>5,184</b>	<b>5,899</b>	<b>6,288</b>	<b>6,989</b>
Brass mill products.....	2,554	2,532	1,878	2,357	2,465	2,787	2,974	3,326
Alloyed <sup>1</sup> .....	1,663	1,644	1,128	1,353	1,372	1,566	1,711	2,009
Unalloyed.....	890	888	750	1,004	1,093	1,221	1,263	1,317
Copper wire mill products <sup>2</sup> .....	1,427	1,556	1,521	1,636	1,711	1,992	2,177	2,494
Brass and bronze foundry products.....	1,057	999	862	916	957	1,063	1,075	1,102
Copper-base powder mill products.....	(NA)	43	39	47	51	57	62	67

NA Not available.

<sup>1</sup> Excludes webbing scrap generated in production of military ammunition cups and discs. <sup>2</sup> Copper content.

Source: Dept. of Commerce, Bureau of the Census and Business and Defense Services Administration; *Copper Industry Report*, 1964, and *Current Industrial Reports*, Series BDSAF-84(66)-4.

# **No. 1165. ALUMINUM AND MAGNESIUM MILL PRODUCTS—NET SHIPMENTS: 1950 TO 1966**

[In millions of pounds. Prior to 1963, excludes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

ITEM	1950	1955	1960	1963	1964	1965	1966 (prel.)
<b>Aluminum mill products</b> .....	<b>1,713</b>	<b>2,792</b>	<b>3,049</b>	<b>4,257</b>	<b>4,834</b>	<b>5,692</b>	<b>6,467</b>
Plate, sheet, and foil.....	1,163	1,543	1,637	2,318	2,630	3,019	3,370
Rolled structural shapes, rod, bar and wire.....	1270	368	392	541	622	800	938
Extruded shapes, and tubing.....	258	775	937	1,270	1,447	1,719	1,916
Powder, flake and paste.....	22	36	33	45	46	59	111
Forgings.....	(1)	70	50	84	88	95	132
<b>Magnesium mill products</b> .....	<b>13</b>	<b>21</b>	<b>21</b>	<b>25</b>	<b>23</b>	<b>24</b>	<b>27</b>

<sup>1</sup> Forgings included with rolled rod and bar.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33-2 and M33G.



## No. 1166. NONFERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1950 TO 1966

[In thousands of pounds. Prior to 1960, excludes Alaska and Hawaii. Shipments include "for own use." Unfilled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; other years based on sample and subject to sampling variation; see text, pp. 735-737]

ITEM	1950	1955	1960	1964	1965	1966 (prcl.)
Shipments, all types.....	2,215,588	2,663,031	2,201,127	3,123,000	3,436,800	3,696,333
Unfilled orders, all types.....	303,305	273,698	148,414	192,101	252,042	319,736
Copper and copper-base alloy:						
Shipments.....	1,056,973	1,008,898	759,658	891,079	889,143	1,006,254
Unfilled orders.....	73,940	57,241	21,914	20,984	30,902	43,807
Aluminum and aluminum-base alloy:						
Shipments.....	543,082	827,162	774,548	1,253,663	1,408,959	1,639,947
Unfilled orders.....	113,300	123,881	71,398	98,122	137,576	177,996
Zinc and zinc-base alloy:						
Shipments.....	579,332	778,000	622,713	915,529	1,064,549	974,423
Unfilled orders.....	106,885	86,120	51,516	69,430	71,451	87,599
Magnesium and magnesium-base alloy:						
Shipments.....	15,224	27,854	23,530	32,296	32,293	44,771
Unfilled orders.....	7,654	5,981	3,156	3,032	11,198	9,249
Lead and lead-base alloy die: <sup>1</sup>						
Shipments.....	20,977	21,117	20,678	30,433	41,856	30,938
Unfilled orders.....	1,526	475	430	533	915	1,085

<sup>1</sup> Excludes lead die castings for battery plates and parts (shipments of 146 million pounds in 1950).

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M33E.

## No. 1167. ELECTRICAL MACHINERY AND RELATED PRODUCTS—VALUE OF SHIPMENTS: 1947 TO 1965

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Figures for 1950 and 1955 are based on sample and subject to sampling variation; see Technical Note, p. 737. "N.e.c." means not elsewhere classified]

PRODUCT	1947	1950	1955	1960	1963	1964	1965
Carbon and graphite products.....	69	100	152	187	218	244	272
Electric lamps (bulbs).....	192	243	337	490	546	576	647
Electrical appliances:							
Electric fans (except industrial type).....	49	60	75	76	102	116	103
Household water heaters.....	60	64	49	50	61	67	68
Small household electric appliances (except fans) <sup>1</sup> .....	249	306	426	471	563	612	674
Household ranges and parts.....	132	218	224	240	282	295	324
Electrical equipment for internal combustion engines.....	337	487	700	772	874	905	1,031
Electrical measuring instruments.....	156	150	399	795	756	795	865
Electrical welding apparatus.....	108	110	212	283	325	368	428
Electronic hearing aids.....	17	23	32	49	35	37	36
Electronic tubes:							
Transmitting and industrial type tubes, except X-ray tubes.....	25	(S)	181	256	287	254	258
Radio and TV receiving-type tubes, except cathode ray.....	87	198	359	307	288	259	278
Cathode ray tubes (TV receiver type) <sup>2</sup> .....	7	(S)	205	213	249	291	432
Motors and generators.....	856	888	1,342	1,486	1,578	1,687	1,930
Phonograph records.....	102	85	80	149	179	204	194
Primary batteries (dry and wet) including parts and supplies.....	78	95	121	153	192	204	221
Radios and related products:							
Household radio receivers, television sets, radio phonographs, phonographs, and record players.....	810	1,687	1,508	1,223	1,653	1,871	2,457
Commercial radio communications, radio navigation aids, and broadcast equipment.....	225	269	1,167	2,347	3,912	3,635	2,518
Electronic components and accessories, n.e.c. <sup>3</sup> .....	349	697	1,061	2,163	2,606	2,558	3,472
Storage batteries.....	293	319	365	405	504	520	599
Switchgear and switchboard apparatus.....	361	332	663	898	1,008	1,085	1,258
Transformers.....	327	405	623	724	692	781	893
Wiring devices and supplies.....	376	492	698	939	943	1,024	1,117
X-ray and therapeutic apparatus <sup>4</sup> .....	58	48	(S)	88	109	117	121

S Withheld because the estimate did not meet publication standards.

<sup>1</sup> Prior to 1960, includes dry shavers (electric razors) and soldering irons.

<sup>2</sup> Includes rebuilt tubes.

<sup>3</sup> Prior to 1960, excludes solid state semi-conductor devices, electron tube parts, and phonograph needles and includes loudspeakers, speaker systems and horns, microphones, chassis for home-type radio and TV receivers, and connectors for electronic application.

<sup>4</sup> Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Dept. of Commerce, Bureau of the Census; *Annual Survey of Manufactures, U.S. Census of Manufactures and Current Industrial Reports*.



# NO. 1168. MANUFACTURERS' SALES AND RETAIL VALUE OF HOME APPLIANCES: 1950 TO 1966

[Compiled from reports of associations and manufacturers. Sales include exports. Except as noted, covers electric appliances only]

PRODUCT	SALES (1,000 units)					RETAIL VALUE (mil. dol.)				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
<b>Home laundry</b> .....	4,591	5,788	4,775	6,567	7,010	855	1,341	1,148	1,301	1,497
Dryers, clothes.....	319	1,397	1,260	2,098	2,411	70	309	261	367	433
Electric.....	251	1,028	818	1,388	1,643	53	217	160	236	286
Gas.....	68	369	442	710	768	17	92	102	131	147
Washing machines.....	4,273	4,391	3,364	3,430	4,559	785	1,032	817	917	1,046
Automatic and semi-automatic.....	1,646	3,123	2,601	3,771	3,964	423	845	697	819	959
Wringer and spinner.....	2,626	1,268	763	659	595	361	187	120	98	86
Washer-drier combinations.....	-	(NA)	151	39	40	-	(NA)	70	18	18
<b>Other major appliances</b> .....	15,848	13,637	12,526	16,750	16,748	2,557	2,977	2,665	3,093	3,146
Dishwashers.....	230	295	555	1,260	1,511	67	90	142	276	327
Food waste disposers.....	320	520	760	1,360	1,438	43	60	61	82	86
Freezers.....	890	1,100	1,045	1,160	1,096	289	440	308	271	255
Ranges, electric.....	1,830	1,600	1,495	2,065	2,030	425	424	412	446	451
Free-standing.....	1,830	1,400	860	1,285	1,338	425	367	224	290	305
Built-in.....	-	200	635	780	692	-	57	189	156	146
Ranges, gas.....	3,023	2,334	1,814	2,266	2,190	(NA)	223	271	434	423
Free-standing.....	3,023	2,234	1,475	1,565	1,499	(NA)	(NA)	199	260	247
Other.....	-	100	339	701	691	-	(NA)	72	175	175
Refrigerators, electric.....	6,200	4,200	3,475	4,930	4,916	1,602	1,323	1,129	1,282	1,313
Water heaters, electric.....	990	900	715	1,095	1,036	131	104	75	92	89
Water heaters, gas.....	2,365	2,748	2,666	2,614	2,531	(NA)	234	267	209	202
<b>Electric housewares</b> .....	(NA)	(NA)	35,062	66,658	69,355	(NA)	(NA)	891	1,385	1,462
Bed coverings.....	800	1,460	3,335	4,610	4,400	32	45	77	78	75
Blenders.....	225	405	455	1,800	2,300	8	14	16	45	58
Brollers.....	(NA)	(NA)	(NA)	1,890	2,170	(NA)	(NA)	(NA)	43	49
With rotisseries.....	(NA)	(NA)	(NA)	515	670	(NA)	(NA)	(NA)	18	27
Without rotisseries <sup>1</sup> .....	(NA)	(NA)	(NA)	1,375	1,500	(NA)	(NA)	(NA)	25	23
Can openers, and can opener-knife sharpeners.....	(NA)	(NA)	1,200	4,300	4,600	(NA)	(NA)	28	60	60
Coffee makers, automatic.....	900	3,675	4,695	6,600	7,200	25	72	94	104	130
Corn poppers.....	(NA)	780	780	1,105	950	(NA)	4	4	7	6
Floor polishers.....	240	375	1,024	1,181	1,130	14	20	44	47	46
Frypan skillets.....	<sup>2</sup> 500	2,660	2,455	2,650	2,850	<sup>2</sup> 12	51	44	56	63
Griddles, automatic.....	(NA)	(NA)	275	390	500	(NA)	(NA)	6	8	8
Hair dryers, with bonnets.....	-	(NA)	(NA)	<sup>3</sup> 4,325	3,800	-	(NA)	(NA)	<sup>3</sup> 78	72
Heating pads.....	1,725	1,980	2,575	3,000	3,200	12	12	15	15	19
Hotplates and buffet ranges.....	1,160	950	565	705	690	9	7	5	6	6
Irons.....	6,880	7,930	6,410	9,860	10,810	98	113	92	140	148
Steam and steam/spray.....	1,645	4,995	4,440	7,950	8,650	30	84	73	123	130
Other.....	5,235	2,935	1,970	1,910	2,160	68	29	18	17	18
Knife sharpeners.....	(NA)	(NA)	565	260	145	(NA)	(NA)	8	3	1
Mixers, food.....	1,845	3,240	3,245	3,925	4,335	70	103	73	59	64
Standard.....	1,700	1,615	815	950	835	67	71	29	29	25
Portable.....	145	1,625	2,430	2,975	3,500	3	32	44	30	39
Slicing knives.....	(NA)	(NA)	(NA)	5,900	5,750	(NA)	(NA)	(NA)	97	89
Toasters, automatic.....	3,795	3,250	3,345	4,750	5,000	76	59	60	74	80
Toothbrushes <sup>4</sup> .....	(NA)	(NA)	(NA)	3,300	2,800	(NA)	(NA)	(NA)	45	41
Vacuum cleaners.....	3,529	3,270	3,313	5,107	5,525	280	286	311	398	425
Waffle and sandwich grills.....	2,535	995	825	1,000	1,200	43	19	16	22	23
<b>Air treatment</b> .....	4,581	8,107	7,872	12,666	13,208	164	622	669	905	1,011
Air-conditioners, room.....	201	1,276	1,580	2,945	3,553	63	383	435	624	742
Dehumidifiers.....	45	96	375	210	235	6	12	40	16	18
Fans.....	3,220	5,585	4,687	7,703	7,490	79	203	167	236	218
Heaters.....	1,115	1,150	1,230	1,808	1,930	15	24	27	29	32
<b>Consumer electronics</b> .....	(NA)	17,653	21,151	34,955	37,822	(NA)	(NA)	2,168	3,915	4,773
Phonographs, production.....	(NA)	<sup>6</sup> 2,627	4,333	6,245	6,241	(NA)	(NA)	585	795	731
Table and portable.....	(NA)	2,098	2,958	4,436	4,432	(NA)	(NA)	(NA)	271	248
Console and radio-phonograph combinations.....	(NA)	529	1,375	1,809	1,810	(NA)	(NA)	(NA)	525	483
Radios, production.....	9,849	7,269	10,695	14,082	14,201	434	233	314	302	293
Table and clock radios.....	<sup>6</sup> 8,175	5,242	6,160	8,051	7,917	<sup>6</sup> 383	162	155	187	173
Portable radios.....	1,675	2,028	4,535	6,031	6,284	51	71	159	115	119
Television, bl. and w., production.....	7,464	7,757	5,708	8,382	7,288	2,235	1,745	1,269	1,336	1,024
Table and portable.....	2,942	4,440	3,274	6,956	6,189	(NA)	(NA)	589	974	805
Console.....	3,820	3,200	2,211	1,318	1,099	(NA)	(NA)	579	330	220
Phono and/or radio combinations.....	702	117	223	108	(?)	(NA)	(NA)	101	32	(?)
Television, color, production.....	-	(NA)	120	2,646	5,092	-	(NA)	(NA)	1,482	2,724
Tape recorders <sup>4</sup> .....	(NA)	(NA)	295	3,600	5,000	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

**No. 1168. MANUFACTURERS' SALES AND RETAIL VALUE OF HOME APPLIANCES: 1950 TO 1966—Continued**

PRODUCT	SALES (1,000 units)					RETAIL VALUE (mil. dol.)				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
<b>Other appliances:</b>										
Lawn mowers, power.....	1,080	2,750	3,800	4,500	4,900	100	237	352	421	470
Water softeners.....	205	403	(NA)	420	476	(NA)	93	(NA)	137	143
Water systems.....	723	788	690	898	900	112	130	62	82	80
Lamp bulbs and tubes <sup>8</sup> .....	2,007	2,479	2,921	3,242	(NA)	466	724	1,110	1,428	(NA)
Fluorescent.....	88	95	132	218	(NA)	96	145	238	382	(NA)
Large incandescent.....	934	1,009	1,170	1,289	(NA)	205	300	465	541	(NA)
Photo.....	229	525	517	935	(NA)	37	79	97	168	(NA)
Other.....	756	850	1,102	<sup>8</sup> 800	(NA)	129	200	311	<sup>9</sup> 337	(NA)

- Represents zero. NA Not available.

<sup>1</sup> Includes toaster-broilers. <sup>2</sup> Fryers only. <sup>3</sup> Includes salon-type dryers. <sup>4</sup> Includes imports.

<sup>5</sup> Represents factory sales. <sup>6</sup> Table radios only. <sup>7</sup> Included in data for "Console."

<sup>8</sup> In millions of units. <sup>9</sup> Excludes Christmas tree bulbs.

Source: *Merchandising Week*, January, 1967. Published by Billboard Publishing Co., New York, N.Y.

**No. 1169. MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS: 1947 TO 1965**

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Figures for 1950 through 1960, and 1964, based on sample and subject to sampling variation; see Technical Note, p. 737]

CLASS OF PRODUCT	1947	1950	1955	1960	1963	1964	1965
Ball and roller bearings and components.....	353	450	674	836	961	1,085	1,223
Commercial laundry, dry-cleaning, and pressing machines <sup>1</sup> .....	93	77	87	120	130	146	178
Computing machines and cash registers <sup>1</sup> .....	302	350	582	1,324	1,826	(NA)	2,772
Construction machinery, except tractors.....	932	974	1,456	1,451	1,901	2,180	2,461
Mining machinery.....				338	336	380	440
Conveyors.....	234	241	419	367	415	430	532
Metal cutting tools, jigs, fixtures, etc.....	675	836	(S)	2,286	2,177	2,682	3,059
Domestic laundry equipment.....	434	532	733	695	766	806	871
Elevators and moving stairways <sup>1</sup> .....	96	102	131	205	248	267	267
Fabricated pipe and fittings made from purchased pipe.....	110	(S)	210	224	287	313	344
Farm machinery (except tractors).....	844	1,052	1,128	1,449	1,734	1,942	2,071
Food-products machinery.....	335	324	383	462	517	582	616
Heat exchangers and steam condensers.....	53	77	124	146	161	186	240
Household mechanical refrigerators, incl. electric and gas.....	515	925	713	624	688	743	796
Industrial fans and blowers, including parts.....	130	130	274	269	299	325	384
Industrial furnaces and ovens.....	85	72	159	215	238	266	326
Industrial trucks, tractors, trailers, and stackers <sup>1</sup> .....	157	166	312	389	459	563	639
Internal combustion engines, exc. automotive and aircraft <sup>2</sup> .....	617	(NA)	(NA)	1,215	1,424	1,589	1,761
Mechanical power-transmission equipment.....	426	464	700	711	883	949	1,093
Mechanical stokers <sup>1</sup> .....	36	19	16	(NA)	9	7	6
Metal-forming machine tools.....	185	155	295	379	445	515	571
Office and store machines, not elsewhere classified.....	179	208	271	247	276	296	326
Oil and gas field machinery and tools, incl. drilling equipment.....	263	333	647	507	573	625	679
Paper-industries machinery <sup>1</sup> .....	135	115	207	348	348	378	423
Printing-trades machinery and equipment <sup>1</sup> .....	191	201	248	350	403	429	480
Pumps and compressors.....	520	504	924	1,107	1,249	1,398	1,637
Scales and balances <sup>1</sup> .....	51	53	67	66	90	92	108
Sewing machines <sup>3</sup> .....	97	171	126	130	105	106	113
Small cutting tools for machine tools and metalworking machinery.....	205	232	369	401	464	519	621
Steam engines and turbines.....	119	223	380	623	591	606	623
Textile machinery <sup>1</sup> .....	380	429	384	494	499	559	664
Tractors <sup>4</sup> .....	744	1,098	1,331	1,142	1,532	1,703	2,077
Typewriters <sup>1</sup> .....	140	130	164	209	265	293	326
Vacuum cleaners.....	151	167	176	161	183	193	222
Valves and fittings (except plumbing).....	549	712	1,087	1,302	1,525	1,613	1,852
Woodworking machinery.....	151	137	185	176	221	251	269

NA Not available. S Withheld because the estimate did not meet publication standards.

<sup>1</sup> Includes parts and attachments. <sup>2</sup> Not comparable with data for earlier years.

<sup>3</sup> Includes parts and attachments (except eases and cabinets, and sewing machine needles).

<sup>4</sup> Excludes tractor-shovel loaders. Includes parts and attachments. Prior to 1963 parts and attachments for garden tractors were excluded.

Source: Dept. of Commerce, Bureau of the Census; *Annual Survey of Manufactures, U.S. Census of Manufactures and Current Industrial Reports*.



# **No. 1170. AIR-CONDITIONING AND REFRIGERATION EQUIPMENT—SHIPMENTS:** 1950 TO 1965

[Value in thousands of dollars. Prior to 1960, excludes Alaska and Hawaii. Represents manufacturers' billing prices for units actually billed and shipped]

PRODUCT	1950		1955		1960		1965	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units <sup>1</sup> .....	885, 668	75, 481	589, 251	70, 913	635, 630	62, 573	601, 554	69, 769
Air-cooled.....	835, 239	59, 035	523, 200	46, 050	596, 518	46, 516	568, 249	55, 819
Water-cooled.....	50, 429	16, 446	66, 051	24, 863	39, 112	16, 057	33, 305	13, 950
Compressors and compressor units <sup>1</sup> .....	954, 368	46, 977	2, 554, 031	116, 917	4, 427, 414	211, 392	8, 067, 838	334, 791
Centrifugal-refrigeration systems.....	382	12, 249	818	25, 732	1, 422	37, 924	3, 087	63, 298
Heat-transfer equipment.....	(X)	61, 337	(X)	114, 064	(X)	150, 643	(X)	216, 506
Evaporative condensers.....	7, 818	8, 869	5, 883	9, 597	4, 209	8, 944	3, 042	8, 429
Unit coolers.....	133, 300	24, 588	97, 034	15, 053	133, 096	16, 207	136, 388	22, 947
Other heat-exchanger equipment.....	(X)	27, 880	(X)	39, 414	(X)	125, 492	(X)	185, 130
Packaged air-conditioning equipment.....	(X)	(NA)	(X)	369, 862	(X)	498, 278	(X)	806, 983
Ice-making machines.....	14, 914	8, 907	31, 521	16, 369	55, 466	28, 974	74, 428	38, 347

NA Not available. X Not applicable.

<sup>1</sup> Excludes units for ammonia refrigerants and, prior to 1964, household refrigerators.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35M.

# **No. 1171. MACHINE TOOLS (METAL CUTTING AND METAL FORMING)—SHIPMENTS,** BY MAJOR TYPES: 1955 TO 1965

[Value in millions of dollars. 1955, excludes Alaska and Hawaii. Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

MAJOR TYPE	1955		1960		1964		1965	
	Number	Value	Number	Value	Number	Value	Number	Value
Total.....	(NA)	961	(NA)	778	212, 257	1, 209	250, 492	1, 458
<b>Metal cutting type.....</b>	(NA)	666	(NA)	539	153, 831	874	184, 168	1, 048
Boring machines.....	2, 122	77	1, 523	47	1, 718	74	1, 823	92
Broaching machines.....	395	14	176	6	223	12	229	16
Drilling machines.....	(NA)	54	22, 175	39	26, 222	72	31, 400	83
Gear cutting and finishing machines.....	1, 749	37	1, 243	34	1, 372	47	1, 576	56
Grinding and polishing machines (exc. gear tooth grinding, honing, lapping, and huffing).....	60, 763	124	53, 360	117	57, 819	176	73, 044	214
Lathes.....	23, 266	153	18, 176	135	21, 320	198	24, 868	235
Milling machines.....	11, 665	90	14, 115	79	17, 153	126	20, 602	144
Planers.....	120	8	41	3	29	2	( <sup>1</sup> )	( <sup>1</sup> )
Shapers (except gear shapers).....	703	5	543	3	436	1	415	2
All other metal cutting machine tools.....	(NA)	105	(NA)	75	27, 539	166	30, 211	206
<b>Metal forming type.....</b>	(NA)	295	(NA)	238	58, 426	335	66, 324	410
Presses, including forging (power).....	20, 712	171	12, 529	105	17, 242	167	20, 052	209
Presses, manual.....	(NA)	(NA)	10, 410	1	11, 108	2	13, 440	2
Forging machines (except presses).....	985	16	682	21	670	23	809	33
Punching and shearing machines, power....	3, 956	28	5, 907	33	5, 734	33	6, 286	44
Punching and shearing machines, manual....	4, 424	1						
Bending and forming machines, power.....	6, 814	33	13, 227	34	15, 929	43	17, 499	49
Bending and forming machines, manual.....	13, 811	3						
Riveting machines.....	4, 849	6	2, 269	4	3, 010	6	3, 044	6
Metal container making machines.....	1, 503	18	1, 255	17	746	12	1, 192	28
Die casting machines.....	334	9	181	6	261	14	( <sup>2</sup> )	( <sup>2</sup> )
Wire weaving and wire fabricating machines.....	876	5	659	4	1, 476	13	1, 345	13
Drawing machines and draw benches.....	414	6	390	11	567	11	813	15
All other metal forming machine tools.....	(NA)	(NA)	2, 122	3	1, 682	10	1, 844	12

NA Not available. <sup>1</sup> Included with "All other metal cutting machine tools."

<sup>2</sup> Included with "Metal container making machines."

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35W.



**No. 1172. SELECTED FARM MACHINES AND EQUIPMENT—SHIPMENTS: 1947 TO 1965**  
 [In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Excludes tractors]

CLASS	1947	1950	1955	1960	1963	1964	1965
<b>Total</b> .....	758	1,002	912	1,001	<sup>1</sup> 1,187	1,287	1,434
Farm machines and equipment (complete units).....	584	817	727	798	948	1,047	1,071
Attachments and parts.....	175	185	185	203	239	240	363
COMPLETE UNITS, ATTACHMENTS, AND PARTS							
Plows and listers.....	84	100	66	61	77	88	96
Harrows, rollers, pulverizers, and stalk cutters.....	57	78	75	86	115	128	133
Planting, seeding, and fertilizing machinery.....	74	113	89	98	112	129	140
Cultivators and weeders.....	50	57	53	51	60	65	72
Sprayers and dusters.....	40	37	38	45	49	48	50
Harvesting machinery.....	192	288	244	324	386	438	504
Haying machinery.....	95	155	168	140	132	134	146
Machines for preparing crops for market or for use.....	42	31	33	38	53	48	61
Farm poultry equipment.....	21	30	28	29	43	41	44
Farm dairy machines and equipment.....	31	23	19	20	<sup>1</sup> 17	26	30
Hog equipment.....	21	29	30	44	67	13	13
Other barn and barnyard equipment.....						48	54
Farm elevators and blowers.....						30	37
Farm wagons, trucks, and other farm transportation equipment.....	16	35	38	28	28		
	36	26	29	37	48	51	55

<sup>1</sup> Excludes pipeline milker units.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A.

**No. 1173. TRACTORS—DOMESTIC SHIPMENTS AND EXPORTS, BY TYPE: 1950 TO 1965**  
 [Value in thousands of dollars. Prior to 1960, excludes Alaska and Hawaii]

YEAR AND TYPE	Total value	COMPLETE UNITS				VALUE OF ATTACHMENTS AND PARTS	
		Domestic		Exports		Domestic	Exports
		Number	Value	Number	Value		
<b>Total:</b>							
1950.....	(NA)	604,686	649,972	93,658	170,059	(NA)	(NA)
1955.....	(NA)	<sup>1</sup> 571,983	<sup>1</sup> 964,832	( <sup>1</sup> )	( <sup>1</sup> )	(NA)	(NA)
1960.....	1,332,646	565,655	611,044	50,385	250,069	379,928	91,605
1964.....	(S)	593,702	1,037,049	70,750	381,331	(S)	(S)
1965.....	(S)	686,803	1,268,391	75,857	383,517	(S)	(S)
Contractors' off-highway wheel tractors:							
1950.....	(NA)	1,417	17,135	648	7,634	(NA)	(NA)
1955.....	(NA)	<sup>1</sup> 4,021	<sup>1</sup> 62,658	( <sup>1</sup> )	( <sup>1</sup> )	(NA)	(NA)
1960.....	90,076	1,950	42,235	1,128	22,730	16,079	9,032
1964.....	(S)	3,026	79,786	1,408	32,370	(S)	(S)
1965.....	(S)	3,311	87,656	1,610	38,118	(S)	(S)
Other wheel tractors:							
1950.....	(NA)	424,398	461,103	73,454	88,423	(NA)	(NA)
1955.....	641,195	286,170	449,869	40,277	68,862	107,980	14,484
1960.....	511,247	137,184	307,785	18,857	49,773	142,765	10,924
1964.....	823,084	169,827	556,900	34,383	122,272	130,071	13,841
1965.....	1,026,798	211,902	716,613	32,387	113,418	171,992	24,771
Tracklaying: <sup>2</sup>							
1950.....	360,437	29,167	150,205	15,433	73,282	97,115	39,835
1955.....	566,764	31,036	225,831	17,855	133,612	(NA)	(NA)
1960.....	495,156	14,462	144,817	9,998	125,014	166,755	58,570
1964.....	646,036	16,180	237,085	10,716	155,499	159,327	94,125
1965.....	688,928	17,017	261,636	10,214	166,675	168,251	92,366
Tracklaying tractor-shovel loaders:							
1960.....	176,664	8,300	72,281	4,398	50,798	41,309	12,276
1964.....	214,684	7,279	86,672	5,147	68,251	<sup>1</sup> 59,761	( <sup>1</sup> )
1965.....	232,641	8,195	103,795	4,299	61,751	44,108	22,987
Garden: <sup>3</sup>							
1950.....	32,460	149,704	21,529	4,123	720	9,857	354
1955.....	36,738	187,724	23,237	4,900	763	12,080	658
1960.....	59,503	403,759	43,926	16,004	1,754	13,020	803
1964.....	104,508	397,390	76,606	19,096	2,939	23,626	1,337
1965.....	141,277	446,378	98,691	27,347	3,555	37,054	1,977

NA Not available. S Does not meet publication standards.

<sup>1</sup> Exports included with domestic shipments.

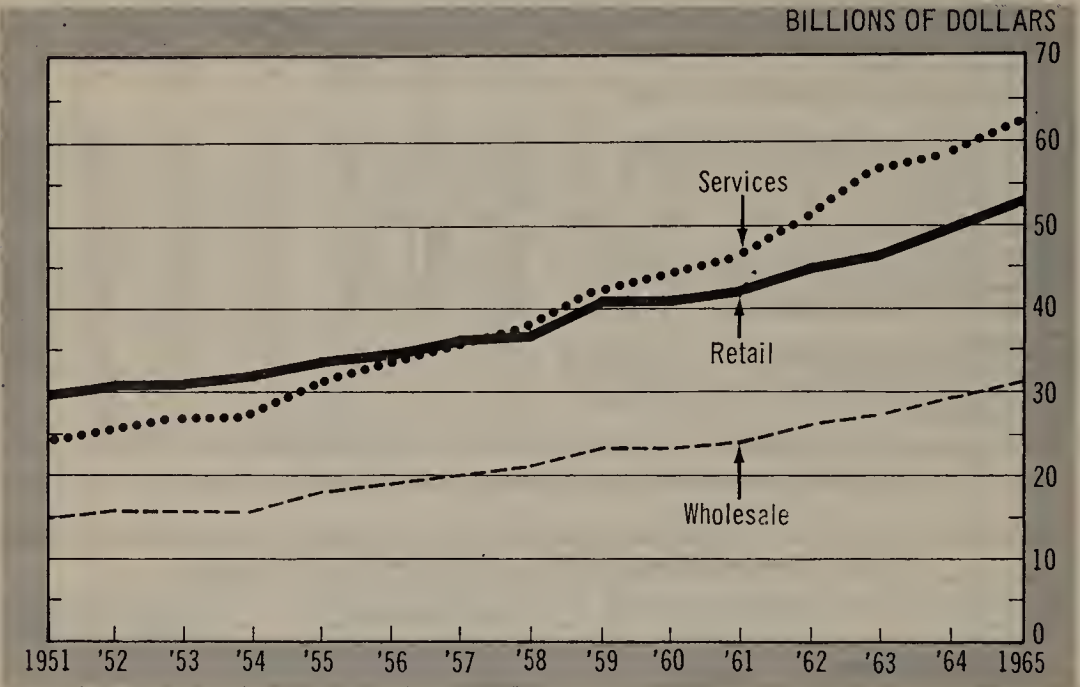
<sup>2</sup> Prior to 1960, includes tractors produced as integral units of tractor-shovel loaders. Beginning 1960, tractor-shovel loaders are shown separately.

<sup>3</sup> Includes motor tillers.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M35A, M35D, and M35S.

FIG. XLIX. NATIONAL INCOME ORIGINATING IN DISTRIBUTION INDUSTRIES: 1951 TO 1965

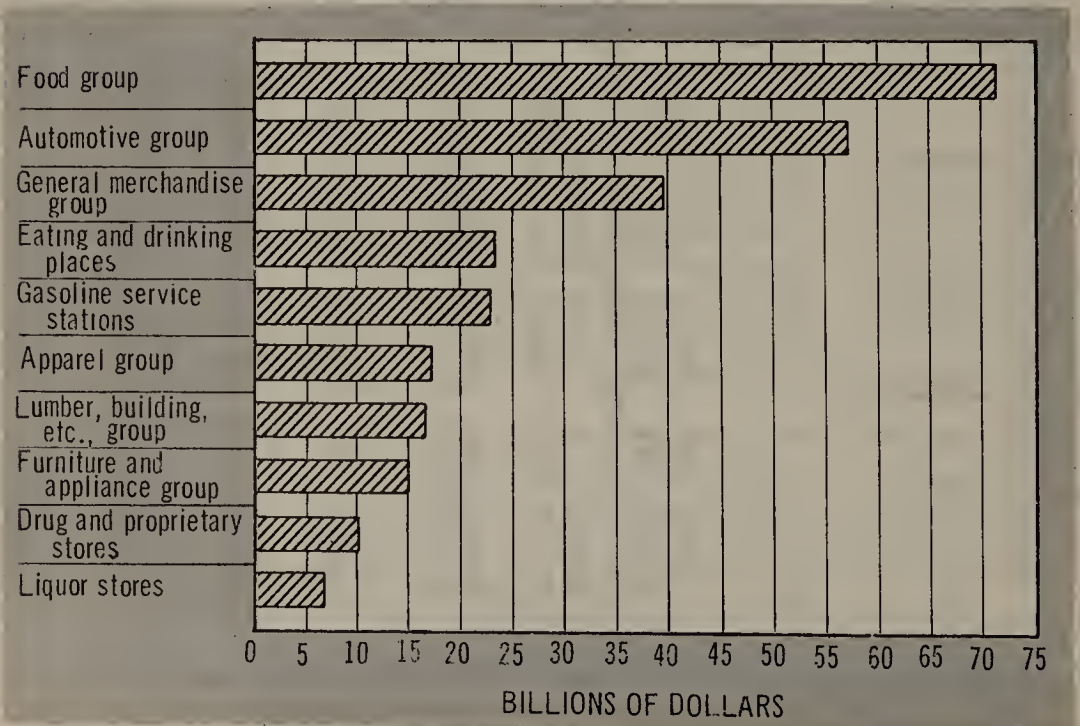
[See table 1174]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Office of Business Economics.

FIG. L. RETAIL STORE SALES, BY KIND OF BUSINESS: 1966

[See table 1177]



Source: Dept. of Commerce, Bureau of the Census.

## Section 30

### Distribution and Services

This section presents statistics relating to retail, wholesale, and service trades. Data shown for the distribution trades, classified by kind of business, and for the various categories of services (personal, business, repair, amusement, hotel, etc.) cover sales or receipts, establishments, employees, payrolls, proprietors, and other items. Also included are several tables on advertising expenditures.

The principal sources of these data are the reports of the Census of Business and of annual and monthly surveys conducted by the Bureau of the Census. Data on retail sales, wholesale inventories and sales, consumer expenditures for services, etc. appear in the monthly *Survey of Current Business*, issued by the Office of Business Economics. Financial data for tax-filing and securities-listed corporations engaged in retail, wholesale, or service trades, and for sole proprietorships and partnerships similarly engaged, appear in the annual *Statistics of Income*, published by the Internal Revenue Service, and are also available from the Securities and Exchange Commission. The Federal Trade Commission, in the course of its investigations, collects operating statistics on firms and chains in various kinds of business.

**Censuses and current surveys.**—Censuses of business have been taken at intervals since 1929. The 1954 census was the first taken under present legislation, which provides for a quinquennial Census of Business. The latest census covers the year 1963.

Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail, wholesale, and service trades. Estimates of weekly sales in retail stores are shown for the United States, by kind of business, in the Bureau's *Weekly Retail Sales Report*. Its *Monthly Retail Trade Report* contains monthly estimates of sales and end-of-month accounts receivable of all retail stores and of retail organizations operating 11 or more stores, United States, by kind of business. Also included are monthly retail sales data for Census regions and divisions, 15 large States, and 20 large standard metropolitan statistical areas. Annual figures on sales, sales-stock ratios, and year-end inventories and accounts receivable data, classified by kind of business, are presented in the *Annual Retail Trade Report*.

Statistics from the Bureau's wholesale trade survey, conducted monthly, include merchant wholesalers' sales and inventories and stock-sales ratios by kind of business, United States, as well as sales and inventory trends by kind of business and by geographic divisions. Monthly sales estimates are also shown by geographic divisions for the summary groups—durable goods trades, nondurable goods trades, and all trades combined. These data, based on reports submitted by a sample of firms representing merchant wholesalers in all kinds of business, appear in the *Monthly Wholesale Trade Report*. The monthly *Selected Services Receipts Report*, first issued in November 1966, provides monthly estimates of receipts for six major kinds of business groups for the United States as a whole. The monthly retail, wholesale, and service trades data are adjusted by the Bureau of the Census for seasonal variations and, in the case of sales, also for trading day differences. These data are also published in the *Survey of Current Business*.

The Bureau of the Census issues a quarterly report on green coffee inventories in the United States as well as total coffee roastings and roastings for soluble use. The Bureau's *Canned Food Report*, issued five times a year, provides canner and distributor stocks of various canned foods as well as canners' data on pack and shipments of these items.

Estimates obtained from the annual and monthly surveys are based on sample data and are not expected to agree with the results that would be obtained from a complete census of all establishments. Measures of the sampling variability, shown in the source reports, exclude biases which might arise from differences of response or from non-reporting.



**Establishments and coverage.**—The business establishments covered in the Census of Business are classified into 3 groups as follows: (1) *Retail trade*, places of business primarily engaged in selling merchandise for personal, household, or farm consumption; (2) *Wholesale trade*, establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and (3) *Selected services*, establishments engaged primarily in the sale of services as contrasted with the sale of merchandise. Figures for establishments refer to those in business at the end of the year.

The Census of Business excludes the activities of doctors, lawyers, dentists, and others performing a professional or scientific service; educational institutions; religious or charitable institutions; hospitals and infirmaries; and public utilities. Government-operated enterprises, except wholesale and retail liquor operations, are also excluded.

Data from the 1958 Census exclude retail and service nonemployer establishments which had receipts of less than \$2,500 and \$1,000, respectively. In the 1963 Census, this rule was modified so as to include those nonemployer establishments which did not operate the entire year if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded from both the 1958 and 1963 data.

**Advertising.**—The statistics on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown, defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid; and local advertising as the advertising done for companies which market their products locally and which may pay special "local" media rates. Monthly figures are published regularly in *Printers' Ink* and in the *Survey of Current Business*. Total corporate expenditures for advertising, by industry, appear in *Statistics of Income*.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

#### No. 1174. NATIONAL INCOME ORIGINATING IN DISTRIBUTION AND SERVICE INDUSTRIES: 1950 TO 1966

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1957*, series T 1-11, for related data]

INDUSTRY	1950	1955	1960	1962	1963	1964	1965	1966
<b>Wholesale and retail trade</b> .....	40,943	52,270	64,396	70,328	73,414	79,319	84,196	90,758
Wholesale trade.....	13,307	17,841	23,126	25,505	26,768	28,656	30,342	33,244
Retail trade.....	27,636	34,429	41,270	44,823	46,646	50,663	53,854	57,514
<b>Services</b> .....	21,768	31,131	44,480	50,678	54,134	59,080	63,683	69,278
Hotels and other lodging places.....	1,388	1,717	2,111	2,270	2,423	2,577	2,793	3,164
Personal services.....	3,021	3,661	4,608	5,036	5,282	5,691	5,982	6,324
Miscellaneous business services.....	1,684	3,011	5,093	6,122	6,614	7,490	8,328	9,318
Automobile repair, services, and garages.....	864	1,172	1,762	2,017	2,174	2,368	2,477	2,632
Miscellaneous repair services.....	665	873	1,105	1,227	1,315	1,378	1,478	1,598
Motion pictures.....	866	979	894	890	910	1,053	1,176	1,284
Amusement and recreation services, except motion pictures.....	788	1,121	1,661	1,849	1,970	2,120	2,223	2,393
Medical and other health services.....	4,412	7,097	10,731	12,609	13,519	14,865	15,997	17,461
Legal services.....	1,344	1,926	2,636	3,162	3,424	3,724	4,033	4,281
Educational services.....	1,109	1,524	2,449	3,010	3,374	3,768	4,196	4,664
Nonprofit membership organizations.....	1,803	2,675	3,870	4,298	4,562	4,907	5,293	5,823
Miscellaneous professional services.....	1,252	2,324	3,761	4,385	4,743	5,231	5,746	6,316
Private households.....	2,572	3,051	3,799	3,803	3,824	3,908	3,961	4,020

Source: Dept. of Commerce, Office of Business Economics; *National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, July 1967.

## No. 1175. PERSONS IN DISTRIBUTION AND SERVICE INDUSTRIES: 1950 TO 1966

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Data represent man-years of full-time equivalent employment by persons working for wages or salaries and by active proprietors of unincorporated businesses devoting the major portion of their time to the business. See also *Historical Statistics, Colonial Times to 1957*, series T 12-22]

INDUSTRY	1950	1955	1960	1963	1964	1965	1966
<b>Wholesale and retail trade</b> .....	10,783	11,592	12,299	12,359	12,735	13,183	13,676
Wholesale trade.....	2,605	2,842	3,090	3,180	3,252	3,359	3,484
Retail trade.....	8,178	8,750	9,209	9,179	9,483	9,824	10,192
<b>Services</b> .....	7,978	8,707	10,169	11,012	11,376	11,764	12,239
Hotels and other lodging places.....	605	618	639	662	683	705	730
Personal services.....	1,217	1,223	1,289	1,360	1,394	1,426	1,456
Miscellaneous business services.....	395	549	810	982	1,056	1,145	1,255
Automobile repair, services, and garages.....	310	310	388	426	446	457	467
Miscellaneous repair services.....	232	249	265	287	294	300	308
Motion pictures.....	234	216	179	168	169	173	178
Amusement and recreation, except motion pictures.....	296	307	370	414	426	433	444
Medical and other health services.....	1,239	1,558	1,968	2,239	2,350	2,481	2,650
Legal services.....	235	257	310	327	333	347	356
Educational services.....	519	625	823	947	989	1,031	1,081
Nonprofit membership organizations.....	713	843	1,028	1,103	1,128	1,172	1,227
Miscellaneous professional services.....	273	404	503	565	590	618	661
Private households.....	1,710	1,548	1,597	1,532	1,513	1,476	1,426

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965* and *Survey of Current Business*, July 1967.

## No. 1176. RETAIL TRADE—SALES OF RETAIL STORES AND MULTIUNIT ORGANIZATIONS: 1951 TO 1967

[In millions of dollars. Prior to 1960, excludes Alaska and Hawaii. Retail stores beginning 1959, and multiunit organizations beginning 1964, reflect use of new sample based on definitions and classifications according to the 1963 Census of Business. All retail stores data, 1959 through third quarter 1965, and multiunit organization data, 1964 through third quarter 1965, adjusted for sample revision effective with October 1965 data. Quarterly data are not adjusted for seasonal variation or trading day differences]

YEAR	ALL RETAIL STORES			MULTIUNIT ORGANIZATIONS <sup>1</sup>			Percent multiunit sales of all stores sales
	Total	Durable	Nondurable	Total	Durable	Nondurable	
1951.....	156,548	54,479	102,069	28,536	2,521	26,015	18.2
1955.....	183,851	66,978	116,873	33,918	2,790	31,128	18.4
1958.....	200,353	63,409	136,944	43,853	3,146	40,707	21.9
1959.....	215,413	71,608	143,805	46,673	3,365	43,308	21.7
1960.....	219,529	70,560	148,969	50,681	3,985	46,696	23.1
1961.....	218,811	66,968	151,843	52,531	4,013	48,518	24.0
1962.....	235,351	74,521	160,830	55,576	4,271	51,305	23.6
1963.....	246,435	79,527	166,908	58,280	4,469	53,811	23.6
1964.....	261,630	84,173	177,457	68,306	5,320	62,986	25.9
1965.....	283,950	93,718	190,232	73,356	5,506	67,850	25.8
1966.....	303,672	97,812	205,860	80,323	5,979	74,344	26.5
First quarter.....	68,056	22,589	45,467	16,994	1,260	15,734	25.0
Second quarter.....	76,190	25,217	50,973	19,560	1,495	18,065	25.7
Third quarter.....	75,541	24,055	51,486	19,835	1,536	18,299	26.3
Fourth quarter.....	83,885	25,951	57,934	23,934	1,688	22,246	28.5
1967, first quarter.....	69,928	22,077	47,851	18,083	1,220	16,863	25.9

<sup>1</sup> Based on sales of organizations operating 11 or more retail stores in 1948, 1954, 1958, and 1963, respectively.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*. Monthly data in Office of Business Economics; *Survey of Current Business*, February 1967.



## No. 1177. RETAIL TRADE—SALES, BY KIND OF BUSINESS: 1960 TO 1967

[In millions of dollars. Quarterly data are not adjusted for seasonal variation or trading day differences. See also *Historical Statistics, Colonial Times to 1957*, series T 24-48]

KIND OF BUSINESS	1960	1964	1965	1966					1967, first quarter
				Total	First quarter	Second quarter	Third quarter	Fourth quarter	
All retail stores.....	219,529	261,630	283,950	303,672	68,056	76,190	75,541	83,885	69,928
Durable goods stores <sup>1</sup> .....	70,560	84,173	93,718	97,812	22,589	25,217	24,055	25,951	22,077
Automotive group.....	39,579	48,730	56,266	57,414	14,096	15,158	13,527	14,633	13,210
Passenger car, other auto- motive dealers.....	37,038	45,799	53,217	53,875	13,424	14,251	12,588	13,612	12,474
Tire, battery, accessory dealers.....	2,541	2,931	3,049	3,539	672	907	939	1,021	736
Furniture and appliance group.....	10,591	13,090	13,737	14,978	3,223	3,455	3,865	4,435	3,428
Furniture, homefurnish- ings stores.....	(NA)	8,079	8,538	9,089	1,973	2,178	2,344	2,594	2,043
Household-appliance, TV, radio stores.....	(NA)	4,199	4,223	4,905	1,045	1,076	1,283	1,501	1,156
Lumber, building hardware, farm equipment group <sup>1</sup> .....	14,685	15,169	16,274	16,654	3,425	4,553	4,489	4,187	3,546
Lumber yards, building- materials dealers <sup>2</sup> .....	8,567	8,690	9,302	9,340	1,975	2,518	2,616	2,231	1,817
Hardware stores.....	2,655	2,650	2,813	2,967	596	762	737	872	610
Nondurable goods stores <sup>1</sup> .....	148,969	177,457	190,232	205,860	45,467	50,973	51,486	57,934	47,851
Apparel group <sup>1</sup> .....	13,631	15,282	15,752	17,276	3,438	4,170	4,097	5,571	3,782
Men's and boys' wear.....	2,644	3,121	3,258	3,537	674	829	826	1,208	764
Women's apparel, access- ory stores.....	5,295	5,944	6,243	6,913	1,438	1,699	1,587	2,189	1,498
Shoe stores.....	2,437	2,591	2,571	2,811	594	745	681	791	651
Drug and proprietary stores.....	7,538	8,613	9,335	10,148	2,328	2,472	2,472	2,876	2,551
Eating and drinking places.....	16,146	19,577	21,423	23,431	5,135	5,937	6,430	5,929	5,502
Food group <sup>1</sup> .....	54,023	62,864	66,920	71,125	16,786	17,801	18,182	18,356	17,036
Grocery stores.....	48,610	57,272	61,068	65,105	15,328	16,263	16,671	16,843	15,633
Gasoline service stations.....	17,588	20,269	21,765	23,012	5,309	5,847	6,003	5,853	5,421
General merchandise group <sup>1</sup> .....	24,085	32,350	35,840	39,811	7,547	9,322	9,498	13,444	8,138
Department stores, exclud- ing mail-order sales.....	14,468	20,809	23,421	26,094	4,930	6,151	6,192	8,821	5,285
Mail-order (dept. store merchandise).....	1,874	2,402	2,581	2,691	550	592	626	923	549
Variety stores.....	3,847	4,948	5,320	5,727	1,041	1,343	1,363	1,980	1,148
Liquor stores.....	4,893	6,011	6,305	6,758	1,462	1,614	1,648	2,034	1,571

NA Not available. <sup>1</sup> Includes data not shown separately.

<sup>2</sup> In addition, includes paint, plumbing, and electrical stores.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*. Monthly data in Office of Business Economics; *Survey of Current Business*, February 1967.

## No. 1178. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS, BY KIND OF BUSINESS: 1960 TO 1967

[In millions of dollars. Data based on sales of organizations operating 11 or more retail stores in 1963. Quarterly data are not adjusted for seasonal variation or trading day differences. See also headnote, table 1176, and *Historical Statistics, Colonial Times to 1957*, series T 49-71]

KIND OF BUSINESS	1960	1964	1965	1966					1967, first quarter
				Total	First quarter	Second quarter	Third quarter	Fourth quarter	
Total sales.....	50,681	68,306	73,356	80,323	16,994	19,560	19,835	23,934	18,083
Durable goods stores <sup>1</sup> .....	3,985	5,320	5,506	5,979	1,260	1,495	1,536	1,688	1,220
Tire, battery, accessory dealers.....	990	1,242	1,312	1,472	293	385	370	424	306
Furniture and appliance group.....	999	1,126	1,193	1,276	277	303	328	368	282
Nondurable goods stores <sup>1</sup> .....	46,696	62,986	67,850	74,344	15,734	18,065	18,299	22,246	16,863
Apparel group <sup>1</sup> .....	3,514	4,287	4,445	4,770	912	1,181	1,102	1,575	1,007
Men's and boys' wear stores <sup>2</sup> .....	347	531	557	573	108	135	123	207	119
Women's apparel, accessory stores <sup>3</sup> .....	1,413	1,622	1,656	1,779	336	447	409	587	360
Shoe stores.....	1,026	1,155	1,168	1,269	258	334	300	377	294
Drug and proprietary stores.....	1,452	2,029	2,300	2,663	563	630	642	828	688
Eating and drinking places.....	1,115	1,077	1,891	2,222	505	567	574	576	584
Food group <sup>1</sup> .....	22,076	27,081	28,598	30,940	7,216	7,671	7,881	8,172	7,586
Grocery stores.....	21,424	26,198	27,627	29,906	6,973	7,408	7,626	7,899	7,337
General merchandise group <sup>1</sup> .....	15,479	23,645	26,112	28,988	5,438	6,817	6,939	9,794	5,866
Department stores, excluding mail-order sales.....	9,376	15,807	17,593	19,635	3,665	4,656	4,711	6,621	3,963
Variety stores.....	3,019	3,770	4,096	4,593	822	1,072	1,084	1,615	927

<sup>1</sup> Includes data not shown separately.

<sup>2</sup> Comprises men's and boys' clothing, furnishings stores, and custom tailors.

<sup>3</sup> Comprises women's ready-to-wear, other apparel, accessory, specialty shops, and furriers.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Retail Trade Report*, and unpublished data.



## No. 1179. RETAIL TRADE—SALES, BY BROAD MERCHANDISE LINES: 1963

[Includes only establishments with payroll]

MERCHANDISE LINE	ALL ESTABLISHMENTS			MULTIUNIT ORGANIZATIONS <sup>1</sup>		
	Estab- lish- ments	Sales	Percent of sales	Estab- lish- ments	Sales	Percent of sales
	1,000	Mil. dol.		1,000	Mil. dol.	
<b>Retail trade, total</b> .....	<b>1,206</b>	<b>232,952</b>	<b>100.0</b>	<b>113</b>	<b>62,280</b>	<b>100.0</b>
<b>Reporting sales by merchandise lines</b> .....	<b>865</b>	<b>199,355</b>	<b>85.6</b>	<b>100</b>	<b>59,494</b>	<b>95.5</b>
Groceries, other foods.....	279	48,366	20.8	43	22,004	35.3
Meals, snacks.....	276	13,154	5.6	17	1,903	3.1
Alcoholic drinks.....	121	4,459	1.9	1	(Z)	0.1
Packaged alcoholic beverages.....	102	5,697	2.4	14	1,544	2.5
Cigars, cigarettes, tobacco.....	250	4,461	1.9	31	1,704	2.7
Cosmetics, drugs, health needs, cleaners.....	185	9,326	4.0	38	2,854	4.6
Men's, boys' clothing, exc. footwear.....	88	7,263	3.1	24	3,249	5.2
Women's, girls' clothing, exc. footwear.....	117	14,390	6.2	34	6,742	10.8
All footwear.....	82	4,199	1.8	27	2,043	3.3
Curtains, draperies, dry goods.....	70	3,817	1.6	22	2,075	3.3
Major appl., radio, TV, musical instruments.....	96	6,773	2.9	25	2,299	3.7
Furniture, sleep equip., floor coverings.....	74	7,159	3.1	16	1,476	2.4
Kitchenware, home furnishings.....	109	2,927	1.3	34	1,439	2.3
Jewelry, optical goods.....	86	2,306	1.0	19	551	0.9
Sporting, recreation equipment.....	67	2,107	0.9	17	550	0.9
Hardware.....	97	3,481	1.5	23	1,002	1.6
Lumber, building materials.....	82	8,941	3.8	11	1,534	2.5
Automobiles, trucks.....	53	35,109	15.1	(Z)	(Z)	0.4
Auto fuels, lubricants.....	216	14,249	6.1	16	1,595	2.6
Tires, batteries, accessories.....	209	7,413	3.2	16	1,355	2.2
Farm equipment, machinery.....	22	3,277	1.4	3	(Z)	0.2
Hay, grain, feed, farm supplies.....	29	4,353	1.9	2	(Z)	0.7
Household fuels, ice.....	33	3,185	1.4	3	(Z)	0.5
All other merchandise.....	247	9,340	4.0	46	3,158	5.1
Nonmerchandise receipts.....	333	7,200	3.1	46	2,024	3.2

MERCHANDISE LINE	CITIES WITH INHABITANTS OF—								
	1,000,000 or more			250,000 to 999,999			50,000 to 249,999		
	Estab- lish- ments	Sales	Percent of sales	Estab- lish- ments	Sales	Percent of sales	Estab- lish- ments	Sales	Percent of sales
	1,000	Mil. dol.		1,000	Mil. dol.		1,000	Mil. dol.	
<b>Retail trade, total</b> .....	<b>110</b>	<b>24,130</b>	<b>100.0</b>	<b>146</b>	<b>34,909</b>	<b>100.0</b>	<b>179</b>	<b>42,398</b>	<b>100.0</b>
<b>Reporting sales by merchandise lines</b> .....	<b>81</b>	<b>20,693</b>	<b>85.8</b>	<b>104</b>	<b>30,290</b>	<b>86.8</b>	<b>130</b>	<b>36,962</b>	<b>87.2</b>
Groceries, other foods.....	28	5,137	21.3	34	6,179	17.7	38	7,833	18.5
Meals, snacks.....	28	2,027	8.4	39	2,339	6.7	42	2,216	5.2
Alcoholic drinks.....	16	749	3.1	21	867	2.5	19	695	1.6
Packaged alcoholic beverages.....	10	838	3.5	17	1,069	3.1	16	999	2.4
Cigars, cigarettes, tobacco.....	20	507	2.1	30	756	2.2	34	781	1.8
Cosmetics, drugs, health needs, cleaners.....	14	926	3.8	22	1,420	4.1	26	1,679	4.0
Men's, boys' clothing, exc. footwear.....	7	1,010	4.2	9	1,354	3.9	12	1,598	3.8
Women's, girls' clothing, exc. footwear.....	11	2,140	8.9	12	2,821	8.1	18	3,238	7.6
All footwear.....	5	551	2.3	8	785	2.2	12	912	2.2
Curtains, draperies, dry goods.....	4	(Z)	2.0	7	730	2.1	10	853	2.0
Major appl., radio, TV, musical instr.....	5	731	3.0	11	1,213	3.5	15	1,597	3.8
Furniture, sleep equip., floor coverings.....	5	932	3.9	8	1,356	3.9	12	1,559	3.7
Kitchenware, home furnishings.....	7	(Z)	1.5	12	540	1.5	16	623	1.5
Jewelry, optical goods.....	5	(Z)	1.3	11	508	1.5	14	527	1.2
Sporting, recreation equipment.....	3	(Z)	0.7	6	(Z)	1.0	9	(Z)	1.1
Hardware.....	4	(Z)	1.1	8	(Z)	1.2	11	580	1.4
Lumber, building materials.....	3	(Z)	1.8	6	987	2.8	9	1,490	3.5
Automobiles, trucks.....	2	2,668	11.1	4	5,258	15.1	7	7,017	16.6
Auto fuels, lubricants.....	9	916	3.8	20	1,704	4.9	28	2,181	5.1
Tires, batteries, accessories.....	9	(Z)	1.9	20	1,086	3.1	28	1,437	3.4
Farm equipment, machinery.....	(Z)	(Z)	(Z)	(Z)	(Z)	0.2	1	(Z)	0.4
Hay, grain, feed, farm supplies.....	(Z)	(Z)	0.1	(Z)	(Z)	0.2	1	(Z)	0.5
Household fuels, ice.....	1	(Z)	1.4	1	(Z)	0.7	3	(Z)	1.1
All other merchandise.....	20	1,312	5.4	30	1,543	4.4	37	1,811	4.3
Nonmerchandise receipts.....	25	837	3.5	40	1,240	3.6	54	1,486	3.5

Z Less than 500 establishments, \$500,000, or 0.05 percent. <sup>1</sup> Comprise 11 establishments or more.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business, 1963, Vol. I, Retail Trade—Summary Statistics, Part 2.

## No. 1180. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954, 1958,

[1954 excludes Alaska and Hawaii; 1958 kind of business

KIND OF BUSINESS	ESTABLISHMENTS				SALES	
	1954	1958	1963		1954	1958
			Total	With payroll		
<b>Retail trade, total</b> .....	1,721,650	1,794,744	1,707,931	1,206,087	<i>Mil. dol.</i> 169,968	<i>Mil. dol.</i> 200,365
<b>Lumber, building materials, hardware, farm equipment dealers</b> .....	<sup>1</sup> 100,519	108,379	92,703	74,803	<sup>1</sup> 13,124	14,326
Lumber yards, bldg. materials dealers.....	30,177	34,867	28,979	25,665	6,503	7,123
Heating, plumbing, electrical stores.....	7,252	8,548	6,150	4,120	514	544
Paint, glass, wallpaper stores.....	9,249	11,155	11,617	8,855	601	740
Hardware stores.....	34,858	34,670	29,595	22,189	2,694	2,717
Farm equipment dealers.....	18,689	19,008	16,362	13,974	2,805	3,186
<b>General merchandise group stores</b> <sup>1</sup> .....	76,198	87,182	62,063	51,417	17,872	21,971
Department stores.....	2,761	3,457	4,251	4,251	10,558	13,359
Limited price variety stores.....	20,917	21,017	22,378	20,176	3,067	3,621
<b>Food stores</b> <sup>1</sup> .....	384,616	356,754	319,433	178,170	39,762	49,225
Grocery stores, including delicatessens.....	287,572	259,796	244,838	132,129	34,901	43,696
Meat markets.....	22,896	23,844	16,457	10,483	1,944	2,327
Fish (seafood) markets.....	4,458	4,339	3,630	1,848	184	194
Fruit stores, vegetable markets.....	13,136	12,689	8,874	3,638	485	505
Candy, nut, confectionery stores.....	20,507	17,593	14,979	7,121	568	528
Retail bakeries.....	19,034	19,235	18,631	15,877	862	905
<b>Automotive dealers</b> .....	85,953	93,885	98,514	75,538	29,915	31,905
Passenger car dealers, franchised.....	41,407	38,555	33,349	33,145	25,108	25,326
Passenger car dealers, nonfranchised.....	20,140	25,331	27,984	13,401	2,424	2,983
Tire, battery, accessory dealers <sup>2</sup> .....	18,845	20,912	25,899	21,896	1,814	2,425
Misc. aircraft, marine, automotive.....	5,307	8,858	11,282	7,096	565	1,073
<b>Gasoline service stations</b> .....	181,747	206,755	211,473	165,863	10,744	14,228
<b>Apparel, accessory stores</b> <sup>1</sup> .....	119,743	119,252	116,223	96,015	11,078	12,569
Men's, boys' clothing and furnishings <sup>3</sup> .....	(NA)	(NA)	19,423	17,417	(NA)	(NA)
Women's clothing, specialty stores.....	45,213	44,628	44,412	37,826	4,333	4,909
Family clothing stores.....	(NA)	(NA)	18,139	12,635	(NA)	(NA)
Shoe stores.....	23,847	24,437	24,568	21,450	1,895	2,130
Children's, infants' wear stores.....	7,024	7,372	5,707	4,879	361	431
<b>Furniture, homefurnishings, equipment</b> .....	<sup>1</sup> 97,607	103,745	93,649	69,393	<sup>1</sup> 8,994	10,110
Furniture, homefurnishings stores.....	50,729	54,458	54,889	39,165	5,374	5,989
Household appliance stores.....	(NA)	24,224	20,320	15,804	(NA)	2,544
Radio, television stores.....	(NA)	16,761	10,365	8,989	(NA)	956
Music stores.....	5,810	7,974	8,075	5,435	375	586
<b>Eating, drinking places</b> .....	<sup>1</sup> 319,657	346,245	334,481	263,941	<sup>1</sup> 13,101	15,290
Eating places.....	195,128	229,815	223,876	180,874	8,731	11,038
Drinking places (alcoholic beverages).....	123,887	114,925	110,605	83,067	4,360	4,164
<b>Drug stores, proprietary stores</b> .....	56,009	56,379	54,732	50,952	5,252	6,803
Drug stores.....	(NA)	51,448	50,318	47,560	(NA)	6,531
Proprietary stores.....	(NA)	4,784	4,414	3,392	(NA)	248
<b>Other retail stores</b> <sup>1</sup> .....	221,093	241,144	244,868	163,229	15,612	18,525
Liquor stores.....	31,240	37,068	40,188	31,860	3,181	4,202
Book, stationery stores.....	8,115	9,418	8,821	6,435	576	679
Sporting goods stores, bicycle shops.....	10,013	11,552	12,809	7,315	481	624
Hay, grain, feed stores.....	16,530	16,782	13,926	11,264	3,456	3,117
Farm, garden supply stores.....	7,262	8,069	11,247	8,559	638	928
Jewelry stores.....	24,266	23,751	20,935	14,265	1,408	1,495
Fuel, ice dealers.....	27,070	28,559	24,956	17,816	2,842	3,473
Florists.....	16,279	19,176	19,801	13,265	496	638
Cigar stores, stands.....	6,068	5,336	4,899	2,953	233	233
News dealers, newsstands.....	7,178	7,539	6,388	3,449	248	285
Camera, photographic supply stores.....	2,896	3,491	3,308	2,800	278	382
Gift, novelty, souvenir shops.....	12,149	13,987	12,606	6,798	283	389
Optical goods stores.....	3,011	2,970	12,754	10,942	132	188
Typewriter stores.....	2,216	1,808	1,126	858	117	105
Luggage, leather goods stores.....	1,387	1,416	1,341	781	79	82
<b>Nonstore retailers</b> .....	78,508	75,024	79,792	16,766	4,514	5,413
Mail-order houses.....	2,019	2,550	4,206	3,172	1,605	1,986
Merchandise vend. machine operators.....	5,715	8,152	9,363	4,721	636	842
Direct selling (house-to-house) firms.....	70,774	63,977	66,223	9,323	2,273	2,574



## AND 1963, AND PAYROLL AND PERSONNEL, 1963, BY KIND OF BUSINESS

details exclude them also; hence, detail will not add to total]

1963						KIND OF BUSINESS
Sales		Payroll		Paid employees, workweek ended nearest Nov. 15	Active proprietors of unincorporated businesses	
All establishments	Establishments with payroll	Entire year	Workweek ended nearest Nov. 15			
<i>Mil. dol.</i> 244, 202	<i>Mil. dol.</i> 233, 085	<i>\$1 000</i> 27, 631, 988	<i>\$1,000</i> 553, 338	8, 410, 199	1, 545, 999	Retail trade, total.
14, 606	14, 183	1, 727, 252	33, 427	398, 861	74, 898	<b>Lumber, building materials, hardware, farm equipment dealers.</b>
7, 023	6, 942	876, 167	16, 832	188, 152	17, 775	Lumber yards, bldg. materials dealers.
515	480	85, 004	1, 713	18, 503	5, 623	Heating, plumbing, electrical stores.
882	821	129, 052	2, 560	29, 259	7, 952	Paint, glass, wallpaper stores.
2, 560	2, 377	304, 546	5, 941	85, 471	28, 587	Hardware stores.
3, 626	3, 563	332, 483	6, 381	77, 476	14, 961	Farm equipment dealers.
30, 003	29, 786	4, 183, 802	84, 972	1, 468, 468	44, 846	<b>General merchandise group stores.<sup>1</sup></b>
20, 537	20, 537	2, 941, 941	60, 929	970, 802	154	Department stores.
4, 538	4, 501	710, 183	13, 317	312, 215	13, 050	Limited price variety stores.
57, 079	53, 028	4, 248, 774	84, 309	1, 274, 395	305, 364	<b>Food stores.<sup>1</sup></b>
52, 566	49, 187	3, 693, 274	72, 987	1, 080, 905	234, 710	Grocery stores, including delicatessens.
1, 530	1, 314	122, 809	2, 490	32, 741	17, 533	Meat markets.
176	142	13, 696	271	5, 131	3, 839	Fish (seafood) markets.
412	304	27, 620	554	9, 819	9, 528	Fruit stores, vegetable markets.
499	337	45, 897	924	21, 808	12, 425	Candy, nut, confectionery stores.
1, 080	1, 030	259, 201	5, 346	93, 755	17, 127	Retail bakeries.
45, 376	44, 686	4, 111, 176	80, 125	794, 155	77, 370	<b>Automotive dealers.</b>
37, 375	37, 362	3, 325, 552	64, 503	612, 142	18, 675	Passenger car dealers, franchised.
3, 087	2, 622	184, 387	3, 749	44, 298	28, 559	Passenger car dealers, nonfranchised.
3, 336	3, 245	473, 985	9, 396	110, 490	20, 651	Tire, battery, accessory dealers. <sup>2</sup>
1, 579	1, 457	127, 252	2, 476	27, 225	9, 485	Misc. aircraft, marine, automotive.
17, 760	16, 354	1, 510, 201	31, 591	519, 812	212, 730	<b>Gasoline service stations.</b>
14, 040	13, 650	1, 957, 265	38, 206	630, 204	88, 567	<b>Apparel, accessory stores.<sup>1</sup></b>
2, 804	2, 743	411, 308	7, 918	106, 655	14, 726	Men's, boys' clothing and furnishings. <sup>3</sup>
5, 592	5, 482	802, 971	15, 900	281, 431	34, 258	Women's clothing, specialty stores.
2, 701	2, 595	346, 759	6, 733	124, 777	15, 925	Family clothing stores.
2, 390	2, 319	325, 777	6, 175	91, 728	14, 217	Shoe stores.
404	389	44, 660	917	18, 694	5, 536	Children's, infants' wear stores.
10, 926	10, 474	1, 535, 773	30, 346	352, 249	76, 634	<b>Furniture, home furnishings equipment.</b>
6, 826	6, 544	1, 007, 633	19, 809	225, 460	45, 571	Furniture, home furnishings stores.
2, 387	2, 295	303, 952	6, 015	71, 927	14, 683	Household appliance stores.
998	973	128, 150	2, 588	30, 611	9, 472	Radio, television stores.
715	663	96, 038	1, 934	24, 251	6, 908	Music stores.
18, 412	17, 330	4, 065, 323	84, 380	1, 761, 550	326, 201	<b>Eating, drinking places.</b>
13, 919	13, 329	3, 371, 270	69, 728	1, 489, 590	216, 207	Eating places.
4, 493	4, 001	694, 053	14, 652	271, 960	109, 994	Drinking places (alcoholic beverages).
8, 487	8, 381	1, 169, 634	23, 060	360, 799	44, 999	<b>Drug stores, proprietary stores.</b>
8, 171	8, 084	1, 137, 258	22, 397	347, 517	40, 777	Drug stores.
316	297	32, 376	663	13, 282	4, 222	Proprietary stores.
21, 309	19, 775	2, 229, 407	43, 848	605, 612	221, 001	<b>Other retail stores.<sup>1</sup></b>
5, 189	4, 837	321, 969	6, 294	93, 625	35, 631	Liquor stores.
719	669	101, 956	2, 054	31, 556	7, 595	Book, stationery stores.
762	665	82, 817	1, 657	22, 784	12, 505	Sporting goods stores, bicycle shops.
3, 340	3, 259	211, 615	4, 033	54, 474	11, 076	Hay, grain, feed stores.
1, 628	1, 575	146, 968	2, 784	37, 175	8, 579	Farm, garden supply stores.
1, 560	1, 452	231, 865	4, 475	61, 111	18, 164	Jewelry stores.
3, 401	3, 252	473, 152	9, 461	102, 273	18, 618	Fuel, ice dealers.
780	692	132, 578	2, 544	42, 803	21, 062	Florists.
275	225	22, 064	445	8, 060	4, 491	Cigar stores, stands.
310	251	29, 659	599	12, 337	6, 009	News dealers, newsstands.
379	366	47, 337	923	11, 294	2, 369	Camera, photographic supply stores.
397	328	45, 179	962	19, 036	12, 824	Gift, novelty, souvenir shops.
551	520	107, 653	2, 070	24, 483	12, 015	Optical goods stores.
84	81	16, 048	321	3, 732	1, 005	Typewriter stores.
82	73	10, 925	206	3, 152	1, 119	Luggage, leather goods stores.
6, 204	5, 437	893, 381	19, 074	244, 094	73, 389	<b>Nonstore retailers.</b>
2, 379	2, 365	360, 001	8, 314	119, 710	1, 893	Mail-order houses.
1, 452	1, 351	171, 170	3, 447	38, 314	8, 096	Merchandise vend. machine operators.
2, 373	1, 721	362, 210	7, 313	86, 070	63, 400	Direct selling (house-to-house) firms.

NA Not available. <sup>1</sup> Group totals include kinds of business not shown separately.<sup>2</sup> For 1963, includes home and auto supply stores. <sup>3</sup> Excludes custom tailors.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business; 1958*; Vol. I, and *1963*, Vol. I.



## No. 1181. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1954, 1958,

STATE	1954				1958				
	Establishments		Sales		Establishments		Sales		Payroll, work- week ended nearest Nov. 15
	Total	With payroll	Total estab- lish- ments	Estab- lish- ments with payroll	Total	With payroll	Total estab- lish- ments	Estab- lish- ments with payroll	
U.S.-----	1,727,967	1,128,113	Mil. dol. 170,568	Mil. dol. 158,492	1,794,744	1,185,036	Mil. dol. 200,365	Mil. dol. 187,768	\$1,000 414,234
N.E.-----	112,807	75,211	10,911	10,179	112,701	75,001	12,452	11,632	26,151
Maine-----	11,624	7,742	924	847	11,236	7,736	1,031	959	1,838
N.H.-----	7,439	5,071	604	562	7,387	5,025	704	654	1,302
Vt.-----	4,623	3,183	380	353	4,778	3,252	443	408	767
Mass-----	53,022	35,690	5,539	5,202	52,484	35,408	6,242	5,877	13,865
R.I.-----	10,396	5,984	848	770	9,777	5,837	929	852	1,925
Conn-----	25,703	17,541	2,618	2,444	27,039	17,743	3,103	2,882	6,454
M.A.-----	368,978	232,060	35,054	32,264	372,404	235,578	40,390	37,402	87,012
N.Y.-----	183,440	119,392	18,116	16,753	183,173	119,273	20,793	19,336	46,458
N.J.-----	64,919	40,609	6,145	5,616	68,377	42,261	7,275	6,672	14,749
Pa.-----	120,619	72,059	10,793	9,894	120,854	74,044	12,322	11,394	25,804
E.N.C.-----	343,411	238,841	37,256	35,097	355,538	244,372	42,177	39,848	88,083
Ohio-----	86,907	61,047	9,633	9,096	90,354	62,694	10,857	10,279	23,166
Ind.-----	41,624	31,544	4,513	4,322	45,904	32,408	5,177	4,906	10,749
Ill.-----	99,001	65,237	11,019	10,309	98,973	66,031	12,790	12,074	27,367
Mich-----	67,995	50,331	8,168	7,776	72,379	52,291	8,898	8,471	18,013
Wis.-----	47,884	30,682	3,924	3,594	47,928	30,948	4,455	4,119	8,788
W.N.C.-----	176,207	119,901	16,181	15,066	173,959	120,641	18,208	17,141	35,170
Minn-----	35,380	24,476	3,450	3,224	34,666	24,572	3,976	3,767	8,206
Iowa-----	35,124	23,952	3,078	2,854	33,498	23,994	3,367	3,185	5,919
Mo.-----	47,262	30,252	4,525	4,193	47,825	30,819	5,150	4,810	10,679
N. Dak-----	7,743	5,291	662	608	7,404	5,258	763	719	1,384
S. Dak-----	8,338	6,096	679	638	8,758	6,116	772	718	1,320
Nebr-----	17,033	12,137	1,588	1,486	16,819	12,093	1,730	1,633	3,163
Kans-----	25,327	17,697	2,201	2,059	24,989	17,789	2,449	2,309	4,500
S.A.-----	217,866	134,666	20,609	19,034	237,353	152,021	25,493	23,851	51,585
Del.-----	4,307	2,739	493	462	4,624	3,180	583	553	1,204
Md.-----	24,857	15,829	2,675	2,488	26,150	17,422	3,326	3,144	7,128
D.C.-----	6,734	5,188	1,212	1,177	6,325	5,103	1,304	1,279	3,536
Va.-----	30,959	20,453	3,121	2,924	32,991	22,257	3,721	3,511	7,768
W. Va-----	18,681	11,403	1,401	1,286	19,180	11,432	1,607	1,474	3,205
N.C.-----	38,049	21,997	3,210	2,899	41,296	25,206	3,837	3,530	7,220
S.C.-----	20,581	11,917	1,519	1,345	21,788	12,900	1,747	1,587	3,141
Ga.-----	32,395	19,571	2,963	2,721	35,452	21,664	3,528	3,259	6,764
Fla.-----	41,803	25,569	4,014	3,732	49,547	32,857	5,840	5,514	11,620
E.S.C.-----	100,623	59,833	8,354	7,544	108,000	65,106	9,829	8,963	18,031
Ky.-----	26,472	16,040	2,201	1,996	29,707	17,291	2,581	2,324	4,746
Tenn-----	31,067	18,681	2,759	2,512	32,925	20,361	3,199	2,952	6,046
Ala.-----	26,158	14,990	2,112	1,892	26,893	16,517	2,567	2,351	4,645
Miss-----	16,926	10,122	1,282	1,145	18,475	10,937	1,482	1,336	2,594
W.S.C.-----	162,233	102,283	14,806	13,656	174,484	112,458	17,670	16,471	33,949
Ark.-----	18,783	10,965	1,334	1,183	20,159	11,881	1,537	1,377	2,604
La.-----	26,845	15,759	2,339	2,126	29,260	17,714	2,940	2,714	5,788
Okla-----	25,312	15,568	2,101	1,910	25,972	16,584	2,401	2,216	4,477
Tex.-----	91,293	59,991	9,032	8,438	99,093	66,279	10,793	10,164	21,081
Mt.-----	62,357	43,071	6,357	5,972	66,927	47,663	7,924	7,533	16,287
Mont-----	8,223	5,865	778	730	8,261	6,043	863	816	1,725
Idaho-----	7,096	5,056	670	625	7,546	5,286	818	770	1,574
Wyo.-----	3,974	2,826	385	363	3,930	3,044	416	398	846
Colo-----	15,468	10,890	1,727	1,637	16,543	11,937	2,105	2,013	4,444
N. Mex-----	8,481	5,319	733	674	8,735	5,917	973	917	1,917
Ariz-----	9,728	6,396	1,001	936	11,463	7,907	1,412	1,343	2,933
Utah-----	6,670	4,772	733	694	7,391	5,325	929	886	1,963
Nev.-----	2,717	1,947	330	314	3,058	2,204	408	391	883
Pac.-----	183,485	122,247	21,040	19,679	193,378	132,196	26,222	24,927	57,966
Wash-----	26,806	17,868	2,874	2,687	27,612	18,942	3,419	3,219	7,306
Oreg-----	19,073	12,333	1,921	1,779	18,056	12,670	2,137	2,024	4,517
Calif-----	131,289	87,973	15,644	14,655	141,291	96,189	19,948	19,006	44,559
Alaska-----	1,510	1,054	175	164	1,659	1,265	202	193	396
Hawaii-----	4,807	3,019	426	395	4,760	3,130	516	486	1,188

AND 1963, AND PAYROLL AND PERSONNEL, 1958 AND 1963, BY STATES

1958—Con.	1963								
Paid employ- ees, work- week ended nearest Nov. 15	Establishments		Sales		Payroll, entire year	Payroll, work- week ended nearest Nov. 15	Paid employ- ees, work- week ended nearest Nov. 15	Active proprie- tors of unincor- porated busi- nesses	STATE
	Total	With payroll	Total estab- lish- ments	Estab- lish- ments with payroll					
7,942,144	1,707,931	1,206,087	Mil. dol. 244,202	Mil. dol. 233,085	\$1,000 27,631,988	\$1,000 553,338	8,410,199	1,545,999	U.S.
512,768	102,713	73,673	15,088	14,384	1,775,571	34,441	533,996	78,258	N.E.
39,366	10,093	7,521	1,185	1,135	121,505	2,377	39,320	8,788	Maine.
27,188	7,045	5,105	882	838	91,531	1,792	29,113	5,965	N.H.
16,241	4,561	3,275	535	505	53,189	1,022	16,920	3,905	Vt.
273,577	47,192	34,450	7,431	7,118	927,937	17,949	280,479	31,935	Mass.
38,942	8,821	5,763	1,126	1,061	127,697	2,472	39,656	7,168	R.I.
117,454	25,001	17,559	3,929	3,726	453,712	8,829	128,508	20,497	Conn.
1,590,325	336,700	229,482	46,948	44,353	5,544,502	111,973	1,652,604	294,007	M.A.
823,701	164,480	114,414	23,977	22,693	2,993,920	60,501	858,723	135,449	N.Y.
264,809	62,630	42,898	9,060	8,539	1,013,369	20,305	298,038	53,234	N.J.
501,815	109,590	72,170	13,911	13,121	1,537,213	31,167	495,843	105,324	Pa.
1,664,635	333,723	240,384	50,611	48,548	5,634,945	112,739	1,724,829	306,674	E.N.C.
438,907	84,346	61,888	12,905	12,412	1,459,288	28,828	446,161	72,739	Ohio.
210,807	43,261	32,214	6,476	6,245	710,302	14,162	223,451	39,688	Ind.
497,548	92,069	63,997	15,190	14,554	1,774,866	35,740	524,183	85,149	Ill.
336,774	69,758	51,568	10,855	10,431	1,110,212	22,401	340,031	68,548	Mich.
180,599	44,289	30,717	5,185	4,907	580,277	11,609	191,003	40,550	Wis.
713,390	158,275	118,097	21,054	20,196	2,265,819	44,314	724,468	148,097	W.N.C.
159,040	32,467	23,867	4,541	4,341	523,682	10,318	163,185	29,798	Minn.
124,587	30,915	23,123	3,888	3,721	387,807	7,599	128,026	29,634	Iowa.
214,305	42,304	30,368	5,946	5,699	674,584	13,100	211,921	39,256	Mo.
26,859	6,692	5,194	871	840	85,967	1,711	26,935	6,071	N. Dak.
28,386	7,657	6,007	876	842	87,685	1,717	29,111	6,949	S. Dak.
66,064	16,057	11,897	2,096	2,002	214,713	4,193	70,353	15,288	Nebr.
94,149	22,183	17,641	2,837	2,750	291,381	5,676	94,937	21,101	Kans.
1,081,777	239,167	161,242	32,365	30,775	3,549,078	68,867	1,145,861	208,222	S.A.
22,589	4,456	3,258	713	686	82,870	1,586	24,605	3,478	Del.
146,098	23,901	17,795	4,237	4,106	503,698	9,836	157,289	19,939	Md.
62,780	5,396	4,674	1,418	1,401	219,699	4,151	60,195	3,767	D.C.
162,561	32,206	22,612	4,790	4,589	533,427	10,385	172,189	27,967	Va.
66,945	16,915	10,689	1,779	1,667	186,094	3,610	61,083	15,209	W. Va.
159,745	43,857	27,009	4,975	4,625	504,777	9,652	169,698	40,583	N.C.
74,527	22,156	13,544	2,273	2,097	215,305	4,073	77,354	20,355	S.C.
149,600	36,987	23,958	4,570	4,293	468,032	9,159	156,696	33,956	Ga.
236,932	53,293	37,703	7,610	7,310	835,176	16,414	266,752	42,968	Fla.
400,097	111,565	69,453	12,351	11,415	1,201,539	23,185	415,230	109,516	E.S.C.
100,928	30,107	18,213	3,174	2,914	310,957	6,034	105,231	30,260	Ky.
134,106	33,226	21,404	4,009	3,743	397,811	7,696	137,481	33,191	Tenn.
104,093	29,065	18,039	3,253	3,009	318,487	6,090	110,349	27,513	Ala.
60,970	19,167	11,797	1,914	1,750	174,284	3,365	62,169	18,552	Miss.
715,641	162,262	117,374	20,991	20,114	2,210,636	43,399	729,259	151,969	W.S.C.
60,261	18,273	12,739	1,984	1,869	183,534	3,578	64,035	18,192	Ark.
123,010	24,609	17,961	3,391	3,258	365,090	7,097	119,920	22,073	La.
97,341	22,974	17,294	2,900	2,779	297,098	5,811	97,708	22,392	Okla.
435,029	96,406	69,380	12,715	12,208	1,364,914	26,913	447,596	89,312	Tex.
309,150	69,263	51,949	10,147	9,791	1,175,077	23,979	351,194	62,961	Mt.
33,138	7,797	5,933	966	927	108,384	2,234	31,493	7,195	Mont.
28,380	7,311	5,363	947	902	102,232	2,080	30,256	6,541	Idaho.
15,785	4,004	3,018	486	467	53,482	1,109	16,814	3,814	Wyo.
83,942	17,294	13,028	2,649	2,560	315,470	6,359	94,208	15,975	Colo.
38,250	9,044	6,512	1,166	1,120	129,487	2,670	40,732	8,340	N. Mex.
56,109	12,876	9,588	2,016	1,950	236,615	4,867	71,562	11,388	Ariz.
38,863	7,363	5,733	1,210	1,176	142,113	2,896	44,245	6,542	Utah.
14,683	3,574	2,774	707	689	87,294	1,763	21,884	3,166	Nev.
954,361	194,263	144,433	34,646	33,507	4,274,821	90,441	1,132,758	186,295	Pac.
120,865	26,430	19,516	4,043	3,886	491,840	10,288	132,323	23,933	Wash.
77,253	17,276	12,980	2,679	2,582	317,631	6,641	90,182	17,371	Oreg.
725,180	144,372	107,312	26,889	26,037	3,329,587	70,554	868,375	139,605	Calif.
6,600	1,607	1,271	284	277	36,559	818	8,033	1,479	Alaska.
24,463	4,578	3,354	751	726	99,204	2,140	33,845	3,907	Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1954, Vol. II; 1958, Vol. II; and 1963, Vol. II.



STATE	TOTAL		LUMBER, BUILDING MATERIALS, HARDWARE, FARM EQUIP- MENT DEALERS		GENERAL MERCHANDISE GROUP STORES		FOOD STORES		AUTOMOTIVE DEALERS		GASOLINE SERVICE STATIONS	
	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales
		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.
U.S.	1,707,931	244,202	92,703	14,606	62,063	30,003	319,433	57,079	98,514	45,376	211,473	17,760
N.E.	102,713	15,088	4,631	729	3,332	1,764	18,760	3,836	5,407	2,502	10,277	913
Maine	10,093	1,185	543	68	535	124	2,307	322	744	227	1,096	86
N.H.	7,045	882	341	54	297	80	1,386	248	475	165	746	57
Vt.	4,561	535	321	40	243	49	861	134	299	101	548	36
Mass.	47,192	7,431	2,015	325	1,336	920	8,510	1,858	2,274	1,149	4,461	419
R.I.	8,821	1,126	326	51	232	146	1,645	271	391	187	926	66
Conn.	25,001	3,929	1,085	191	689	445	4,051	1,002	1,224	674	2,500	248
M.A.	336,700	46,948	14,102	1,906	9,134	5,976	71,452	11,729	13,764	7,201	29,133	2,597
N.Y.	164,480	23,977	6,630	889	4,502	3,079	35,817	6,086	5,603	3,191	12,010	1,135
N.J.	62,630	9,060	2,613	384	1,590	1,100	12,228	2,196	2,631	1,524	6,035	575
Pa.	109,590	13,911	4,859	633	3,042	1,797	23,407	3,447	5,530	2,486	11,088	887
E.N.C.	333,723	50,611	21,924	3,123	9,842	6,450	55,852	11,605	18,566	9,723	41,095	3,725
Ohio	84,346	12,905	5,120	758	2,286	1,838	15,767	3,147	4,813	2,513	10,630	1,018
Ind.	43,261	6,476	3,177	470	1,466	777	6,551	1,402	2,836	1,300	6,127	529
Ill.	92,069	15,190	5,776	877	2,806	1,831	15,108	3,305	4,560	2,626	9,909	963
Mch.	69,758	10,855	4,529	608	1,954	1,386	12,204	2,581	4,142	2,363	9,509	851
Wis.	44,289	5,185	3,322	410	1,330	618	6,222	1,171	2,215	922	4,920	364
W.N.C.	158,275	21,054	15,342	2,254	6,004	2,308	22,064	4,365	9,912	3,863	22,236	1,734
Minn.	32,467	4,541	3,285	461	1,112	542	5,064	963	1,779	750	4,349	360
Iowa	30,915	3,888	3,469	488	1,115	366	3,812	787	1,765	674	4,438	324
Mo.	42,304	5,946	2,770	430	1,749	771	6,900	1,277	2,753	1,104	5,972	466
N. Dak.	6,692	871	1,028	182	294	78	885	147	417	174	799	67
S. Dak.	7,657	876	963	141	333	73	916	171	492	165	1,050	79
Nebr.	16,057	2,096	1,739	267	551	217	1,973	406	999	374	2,160	180
Kans.	22,183	2,837	2,088	285	850	263	2,514	613	1,707	621	3,468	257
S.A.	239,167	32,365	9,737	1,728	11,154	4,027	54,976	7,588	15,226	6,472	33,772	2,550
Del.	4,456	713	1,197	35	160	104	813	158	257	129	556	51
Md.	23,901	4,237	962	188	788	617	5,104	1,021	1,227	761	2,677	284
D.C.	5,396	1,418	138	26	147	214	923	224	177	192	401	69
Va.	32,206	4,790	1,345	265	1,876	632	7,661	1,129	2,053	970	4,624	376
W. Va.	16,915	1,779	700	93	867	241	4,417	475	975	342	2,289	146
N.C.	43,857	4,975	1,733	354	2,409	538	11,928	1,160	2,871	1,030	6,662	421
S.C.	22,156	2,273	817	148	1,199	260	6,229	569	1,637	471	3,119	198
Ga.	36,987	4,570	1,543	285	1,893	533	9,336	1,037	2,699	959	5,662	399
Fla.	53,293	7,610	2,302	334	1,815	887	8,565	1,815	3,330	1,618	7,782	605
E.S.C.	111,565	12,351	5,297	898	6,371	1,383	30,231	3,007	7,635	2,541	14,718	1,031
Ky.	30,107	3,174	1,601	233	1,389	337	8,167	796	2,054	614	3,674	264
Tenn.	33,226	4,009	1,573	273	1,895	490	8,322	929	2,289	848	4,448	336
Ala.	29,065	3,253	1,229	213	1,776	383	8,090	820	1,951	677	4,071	265
Miss.	19,167	1,914	894	179	1,311	173	5,652	462	1,341	403	2,525	166
W.S.C.	162,262	20,991	8,944	1,529	7,235	2,506	30,400	4,819	11,896	4,443	24,421	1,684
Ark.	18,273	1,984	1,095	236	1,132	186	4,306	424	1,329	435	2,500	154
La.	24,609	3,391	1,236	225	1,239	427	5,703	821	1,366	664	3,207	249
Okla.	22,974	2,900	1,501	230	1,055	329	3,541	650	1,848	621	3,645	258
Tex.	96,406	12,715	5,112	838	3,809	1,565	16,850	2,923	7,353	2,723	15,069	1,023
Mt.	69,263	10,147	4,142	765	2,816	1,121	8,600	2,196	4,661	2,044	11,234	938
Mont.	7,797	966	684	108	317	88	993	210	485	198	1,075	84
Idaho	7,311	947	603	113	336	86	951	200	531	191	1,083	77
Wyo.	4,004	486	293	42	174	37	430	109	274	96	696	58
Colo.	17,294	2,649	1,065	194	571	320	2,021	570	1,209	514	2,680	220
N. Mex.	9,044	1,166	455	79	473	115	1,224	251	620	254	1,683	115
Ariz.	12,876	2,016	509	118	513	253	1,678	442	762	406	2,122	201
Utah	7,363	1,210	405	77	313	146	981	265	493	246	1,340	109
Nev.	3,574	707	128	35	119	76	322	149	287	139	555	75
Pac.	194,263	34,646	8,584	1,674	6,175	4,469	27,098	7,935	11,447	6,588	24,587	2,590
Wash.	26,430	4,043	1,523	257	823	512	3,945	960	1,815	696	3,910	297
Oreg.	17,276	2,679	1,083	167	556	336	2,697	604	1,166	574	2,586	197
Calif.	144,372	26,889	5,827	1,215	4,372	3,472	19,414	6,116	8,216	5,148	17,545	2,024
Alaska	1,607	284	86	18	150	35	184	63	99	47	104	15
Hawaii	4,578	751	65	19	274	114	858	192	151	123	442	56



## SALES, BY KIND OF BUSINESS, BY STATES: 1963

APPAREL, ACCESSORY STORES		FURNITURE, HOME FUR- NISHINGS, EQUIPMENT STORES		EATING, DRINKING PLACES		DRUG STORES, PROPRI- ETARY STORES		OTHER RETAIL STORES		NONSTORE RETAILERS		STATE
Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Estab- lish- ments	Sales	
	Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.	
116, 223	14, 040	93, 649	10, 926	334, 481	18, 412	54, 732	8, 487	244, 868	21, 309	79, 792	6, 204	U.S.
7, 449	938	5, 576	626	18, 972	1, 108	3, 841	486	19, 541	1, 778	4, 927	409	N.E.
645	60	437	34	1, 501	55	284	30	1, 629	159	372	21	Maine.
491	48	387	28	1, 161	46	176	19	1, 272	122	313	16	N.H.
269	23	241	18	656	27	131	13	808	86	184	8	Vt.
3, 521	472	2, 603	312	9, 096	620	2, 010	247	9, 102	866	2, 264	243	Mass.
587	80	437	48	1, 949	83	332	45	1, 471	113	525	36	R.I.
1, 936	255	1, 471	187	4, 609	277	908	132	5, 259	433	1, 269	86	Conn.
30, 131	3, 533	18, 256	2, 214	73, 119	4, 449	11, 072	1, 333	50, 432	4, 663	16, 105	1, 298	M.A.
16, 271	2, 030	9, 297	1, 169	35, 026	2, 551	5, 525	701	26, 292	2, 521	7, 507	626	N.Y.
5, 378	602	3, 387	440	13, 781	817	1, 856	257	9, 876	892	3, 255	273	N.J.
8, 482	901	5, 572	605	24, 312	1, 080	3, 691	425	14, 264	1, 249	5, 343	399	Pa.
20, 406	2, 559	17, 702	2, 087	75, 430	3, 928	10, 647	1, 792	44, 615	3, 749	17, 644	1, 870	F.N.C.
4, 714	566	4, 585	540	18, 232	1, 002	2, 671	418	11, 017	861	4, 511	243	Ohio.
2, 563	303	2, 592	271	8, 017	450	1, 427	237	6, 446	550	2, 059	186	Ind.
6, 781	891	4, 676	597	21, 484	1, 249	3, 033	560	13, 209	1, 223	4, 727	1, 068	Ill.
3, 994	556	3, 733	464	14, 223	751	2, 397	423	8, 465	629	4, 608	243	Mich.
2, 354	243	2, 116	215	13, 474	476	1, 119	153	5, 478	486	1, 739	129	Wis.
8, 813	993	8, 041	828	30, 476	1, 347	5, 117	721	22, 862	2, 085	7, 408	558	W.N.C.
1, 889	221	1, 693	176	6, 461	331	929	150	4, 398	398	1, 508	189	Minn.
1, 689	169	1, 626	145	5, 813	224	899	114	4, 704	532	1, 585	65	Iowa.
2, 433	292	2, 015	236	8, 286	386	1, 482	225	5, 863	542	2, 081	218	Mo.
325	43	252	31	1, 534	62	197	29	761	50	200	8	N. Dak.
405	42	371	29	1, 474	58	237	33	1, 089	75	327	9	S. Dak.
842	101	809	88	3, 029	142	564	69	2, 613	226	778	27	Nebr.
1, 230	125	1, 275	123	3, 879	143	809	101	3, 434	262	929	43	Kans.
15, 308	1, 808	13, 270	1, 483	36, 085	2, 036	7, 330	1, 202	31, 905	2, 823	10, 404	649	S.A.
316	38	233	36	722	42	142	22	873	85	187	12	Del.
1, 506	221	1, 154	162	5, 115	337	846	178	3, 231	353	1, 291	115	Md.
516	110	282	80	1, 293	169	250	83	1, 110	213	159	38	D.C.
1, 851	266	1, 750	208	4, 932	276	946	189	3, 832	408	1, 336	70	Va.
919	105	767	82	3, 238	95	433	59	1, 716	111	594	32	W. Va.
2, 603	288	2, 486	246	4, 964	227	1, 072	152	5, 223	446	1, 906	113	N.C.
1, 338	127	1, 090	112	2, 497	94	655	75	2, 844	179	731	39	S.C.
2, 207	256	2, 146	200	4, 054	223	1, 163	158	4, 681	413	1, 603	107	Ga.
4, 052	396	3, 362	358	9, 270	572	1, 823	286	8, 395	614	2, 597	123	Fla.
6, 572	694	5, 793	562	14, 406	610	3, 528	438	12, 685	962	4, 329	226	E.S.C.
1, 631	166	1, 413	135	4, 428	198	834	119	3, 829	257	1, 087	55	Ky.
1, 917	208	1, 741	186	4, 524	194	1, 130	143	3, 931	314	1, 456	89	Tenn.
1, 779	188	1, 658	163	3, 332	145	955	110	3, 079	239	1, 145	51	Ala.
1, 245	132	981	78	2, 122	73	609	65	1, 846	152	641	31	Miss.
9, 704	1, 196	8, 256	881	28, 547	1, 190	5, 351	732	21, 456	1, 632	6, 052	380	W.S.C.
1, 067	99	876	82	2, 619	83	566	62	2, 292	191	491	32	Ark.
1, 623	210	1, 130	150	4, 778	222	897	125	2, 672	215	758	85	La.
1, 394	166	1, 243	128	4, 058	160	837	97	3, 190	220	662	42	Okl.
5, 620	721	5, 007	521	17, 092	726	3, 051	449	13, 302	1, 006	4, 141	221	Tex.
3, 986	477	3, 696	455	14, 528	793	2, 326	429	10, 310	766	2, 964	165	Mt.
450	48	336	34	2, 025	89	260	32	901	63	271	11	Mont.
355	38	398	40	1, 520	63	229	38	995	88	310	13	Idaho.
248	22	211	18	771	41	140	21	623	35	144	8	Wyo.
957	122	1, 019	123	3, 416	203	621	109	2, 902	209	833	66	Colo.
515	62	455	49	1, 668	87	286	44	1, 352	94	313	16	N. Mex.
749	88	704	88	2, 856	171	398	86	2, 033	139	552	24	Ariz.
424	55	397	70	1, 374	73	276	69	971	82	389	18	Utah.
288	42	176	32	898	66	116	31	533	54	152	8	Nev.
13, 854	1, 843	13, 059	1, 790	42, 918	2, 952	5, 520	1, 304	31, 062	2, 852	9, 959	649	Pac.
1, 428	173	1, 567	175	5, 446	297	914	163	3, 739	423	1, 320	88	Wash.
856	109	951	108	3, 634	199	510	88	2, 506	239	731	59	Oreg.
11, 062	1, 504	10, 255	1, 466	32, 311	2, 333	3, 946	1, 014	23, 842	2, 123	7, 582	475	Calif.
110	11	51	9	445	33	40	12	287	29	51	12	Alaska.
398	46	235	32	1, 082	90	110	27	688	39	275	15	Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. II.

# No. 1183. RETAIL TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958 AND 1963

[1958 excludes Alaska and Hawaii]

ITEM	1958					1963				
	Estab- lish- ments	Sales	Pay- roll, entire year	Workweek ended nearest Nov. 15		Estab- lish- ments	Sales	Pay- roll, entire year	Workweek ended nearest Nov. 15	
				Pay- roll	Paid em- ployees				Pay- roll	Paid em- ployees
	1,000	Mil. dol.	Mil. dol.	Mil. dol.	1,000	1,000	Mil. dol.	Mil. dol.	Mil. dol.	1,000
All establishments.....	1,788	199,646	21,589	413	7,911	1,708	244,202	27,632	553	8,410
SALES SIZE <sup>1</sup>										
Operated entire year.....	1,647	188,480	20,473	391	7,364	1,532	232,043	26,357	514	7,739
With annual sales of—										
Less than \$9,000.....	222	1,268	58	1	53	173	968	75	2	49
\$10,000 to \$19,000.....	243	3,468	191	4	144	180	2,590	197	4	112
\$20,000 to \$29,000.....	202	4,884	346	7	219	164	3,959	344	7	168
\$30,000 to \$49,000.....	288	11,131	901	18	488	243	9,415	954	19	401
\$50,000 to \$99,000.....	317	22,288	2,294	45	1,038	329	23,335	2,595	51	915
\$100,000 to \$299,000.....	265	43,432	5,077	97	1,858	306	50,683	6,388	124	1,977
\$300,000 to \$499,000.....	49	18,766	2,218	42	717	58	21,935	2,793	54	780
\$500,000 to \$999,000.....	36	24,602	2,726	51	833	43	30,062	3,429	66	908
\$1,000,000 or more.....	25	58,591	6,661	126	2,012	37	89,096	9,583	188	2,430
Not operated entire year.....	141	11,167	1,116	21	547	176	12,158	1,275	40	671
EMPLOYMENT SIZE										
Operated entire year.....	1,647	188,480	20,473	391	7,364	1,532	232,043	26,357	514	7,739
With Nov. 15 employment of—										
No paid employee.....	591	12,583	66	-	-	417	9,426	-	-	-
1 to 3 paid employees.....	596	32,527	2,663	50	1,112	650	38,702	3,453	65	1,144
4 to 7 paid employees.....	251	30,274	3,351	65	1,290	247	34,597	4,129	81	1,276
8 to 19 paid employees.....	147	39,655	4,823	92	1,691	148	47,974	6,070	117	1,712
20 or more paid employees.....	62	73,441	9,569	183	3,271	70	101,345	12,705	250	3,607
Not operated entire year.....	141	11,167	1,116	21	547	176	12,158	1,275	40	671
SINGLE UNITS AND MULTIUNITS										
Single units operated.....	1,606	132,437	13,404	255	4,978	1,488	154,746	16,564	332	5,050
By 1-establishment firms.....	1,577	127,319	12,753	243	4,749	1,468	149,290	15,874	318	4,857
By multiestablishment firms.....	28	5,118	651	12	228	20	5,456	690	14	193
Multiunits.....	183	67,209	8,185	158	2,933	220	89,455	11,068	221	3,360
2 or 3 establishments.....	68	13,766	1,864	36	650	78	15,869	2,182	43	621
4 to 10 establishments.....	25	8,992	1,238	24	431	30	11,252	1,502	30	458
11 establishments or more.....	89	44,451	5,084	97	1,851	113	62,334	7,384	149	2,282
LEGAL FORM OF ORGANIZATION										
Individual proprietorships.....	1,240	63,337	5,221	103	2,372	1,125	65,738	5,862	121	2,227
Partnerships.....	259	27,744	2,535	49	1,041	211	23,873	2,182	45	772
Corporations.....	278	106,099	13,659	258	4,438	359	151,093	19,293	383	5,329
Cooperatives.....	6	1,306	104	2	34	6	2,097	180	3	47
Other legal forms.....	5	1,161	71	1	26	7	1,400	114	2	35

- Represents zero.

<sup>1</sup> Establishments classified by sales-size group after reported sales figures had been rounded to nearest \$1,000.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1963*, Vol. I.

**No. 1184. RETAIL TRADE—MERCHANDISE INVENTORIES, 1960, 1964, AND 1965, AND SALES-INVENTORY RATIOS, 1964 AND 1965**  
 [Inventories in millions of dollars. As of December 31. Based on sample; see source for sampling variability. Beginning 1964, totals include data for some kinds of business not shown separately]

KIND OF BUSINESS	MERCHANDISE INVENTORIES AT COST										SALES-INVENTORY RATIOS <sup>1</sup>		
	All retail stores					Organizations operating 11 or more retail stores					All retail stores		
	Total, warehouses and stores					Stores					Organizations operating 11 or more stores <sup>2</sup>		
	1960	1964	1965	1960	1964	1965	1964	1965	1960	1964	1965	1964	1965
<b>Total</b> .....	24,667	28,640	31,678	5,689	8,036	8,863	6,495	7,106			9.4	9.1	10.5
Food group.....	2,613	3,171	3,339	1,358	1,803	1,993	1,152	1,236			20.5	20.1	23.0
Grocery stores.....	2,456	3,016	3,150	1,335	1,765	1,920	1,125	1,207			19.8	19.3	22.7
Eating and drinking places.....	425	471	510	32	(NA)	(NA)	(NA)	(NA)			42.9	40.1	(NA)
General merchandise group.....	3,632	5,052	5,454	2,274	3,565	4,006	3,236	3,578			7.0	7.1	7.6
Department stores and dry goods, general merchandise stores.....	2,446	3,825	4,093	1,475	2,588	2,849	2,317	2,506			7.3	7.4	8.1
Department stores.....	1,757	2,933	3,224	1,264	2,271	2,510	2,030	2,215			7.9	7.8	8.2
Variety stores.....	1,721	837	909	513	636	723	578	645			6.1	6.2	6.9
Mail-order houses (department store merchandise).....	249	390	452	(NA)	(NA)	(NA)	(NA)	(NA)			6.6	6.0	(NA)
Apparel group.....	3,094	3,352	3,727	646	811	861	731	777			4.7	4.7	5.8
Men's, boys' clothing, and furnishings stores.....	710	829	939	100	152	152	139	142			3.9	3.9	4.0
Women's ready-to-wear stores.....	745	846	953	157	165	184	155	174			6.2	6.0	8.1
Shoe stores.....	679	666	688	231	260	270	229	233			3.7	3.8	5.0
Furniture and appliance group.....	1,834	2,170	2,323	181	177	207	120	140			6.3	6.0	8.6
Furniture, home furnishings stores.....	1,276	1,833	1,389	(NA)	(NA)	(NA)	(NA)	(NA)			5.9	6.0	(NA)
Furniture stores.....	1,004	1,059	1,101	53	(NA)	(NA)	(NA)	(NA)			5.5	5.5	(NA)
Household appliance, TV, radio stores.....	399	588	730	(NA)	(NA)	(NA)	(NA)	(NA)			7.0	6.5	(NA)
Household appliance dealers.....	344	411	501	(NA)	(NA)	(NA)	(NA)	(NA)			7.3	6.5	(NA)
Lumber, building, hardware, farm equipment group.....	3,344	3,507	3,525	264	339	357	284	308			4.6	4.7	4.7
Lumber yards, building-materials dealers, paint, plumbing, electrical stores.....	1,467	1,577	1,594	183	216	246	203	231			5.9	5.8	5.0
Lumber yards.....	1,028	1,044	1,037	132	160	157	153	151			3.6	3.6	4.8
Hardware stores.....	845	849	766	(NA)	(NA)	(NA)	(NA)	(NA)			3.7	3.7	(NA)
Farm equipment dealers.....	1,032	1,081	1,165	(NA)	(NA)	(NA)	(NA)	(NA)			3.6	3.8	(NA)
Automotive group.....	4,818	5,513	7,007	(NA)	(NA)	(NA)	(NA)	(NA)			9.4	8.2	(NA)
Passenger car dealers.....	4,114	4,458	5,921	(NA)	(NA)	(NA)	(NA)	(NA)			10.4	8.7	(NA)
Passenger car dealers (franchised).....	3,815	4,100	5,549	(NA)	(NA)	(NA)	(NA)	(NA)			10.4	8.7	(NA)
Tire, battery, accessory dealers.....	438	531	567	244	318	348	253	285			3.2	3.2	4.7
Gasoline service stations.....	761	860	893	(NA)	(NA)	(NA)	(NA)	(NA)			23.0	24.0	(NA)
Other retail stores.....	4,146	4,544	4,900	(NA)	(NA)	(NA)	(NA)	(NA)			7.4	7.4	(NA)
Drug and proprietary stores.....	1,264	1,482	1,527	252	372	424	292	331			6.1	6.1	7.0
Liquor stores.....	532	621	643	164	176	200	104	115			9.7	9.7	12.8
Jewelry stores.....	494	536	614	(NA)	(NA)	(NA)	(NA)	(NA)			3.0	3.0	(NA)

<sup>2</sup> Based on store inventories only (excludes warehouse inventories).

NA Not available.

<sup>1</sup> Ratio of annual sales to year-end inventories of retail stores which were in business the full calendar year.

Source: Dept. of Commerce, Bureau of the Census; *Annual Retail Trade Report*.



No. 1185. WHOLESALE TRADE—SALES, STOCKS, AND STOCK-SALES RATIOS: 1949 TO 1966

[In billions of dollars, except ratios. Prior to 1961, excludes Alaska and Hawaii. Data represent sales and stocks of merchant wholesalers. See *Historical Statistics, Colonial Times to 1967*, series T 208-210 for sales]

YEAR	ALL ESTABLISHMENTS			DURABLE GOODS ESTABLISHMENTS			NONDURABLE GOODS ESTABLISHMENTS		
	Sales <sup>1</sup>	Stocks, end of year <sup>2</sup>	Stock-sales ratio <sup>3</sup>	Sales <sup>1</sup>	Stocks, end of year <sup>2</sup>	Stock-sales ratio <sup>3</sup>	Sales <sup>1</sup>	Stocks, end of year <sup>2</sup>	Stock-sales ratio <sup>3</sup>
1949.....	78.2	7.7	1.19	29.0	3.8	1.61	49.1	3.9	0.95
1950.....	92.3	9.3	1.07	37.7	4.7	1.29	54.6	4.6	0.91
1951.....	103.2	9.9	1.16	42.2	5.2	1.47	60.9	4.7	0.95
1952.....	105.4	10.2	1.12	41.9	5.3	1.47	63.5	4.9	0.89
1953.....	108.6	10.7	1.17	44.1	5.5	1.52	64.5	5.1	0.93
1954.....	107.9	10.6	1.18	42.6	5.5	1.54	65.3	5.2	0.95
1955.....	118.7	11.7	1.13	51.4	6.3	1.36	67.3	5.4	0.95
1956.....	126.2	13.3	1.19	56.3	7.1	1.43	69.8	6.2	1.00
1957.....	125.7	12.7	1.23	53.8	7.1	1.58	71.9	5.6	0.96
1958.....	123.1	12.7	1.24	50.4	7.2	1.66	72.6	5.6	0.94
1959.....	137.9	13.9	1.15	59.3	7.9	1.53	78.5	6.0	0.87
1960.....	139.9	14.1	1.22	58.6	8.1	1.69	81.3	6.0	0.89
1961.....	143.8	14.5	1.20	59.8	8.3	1.63	84.0	6.2	0.89
1962.....	152.1	14.9	1.16	64.5	8.6	1.57	87.5	6.3	0.86
1963.....	160.6	16.0	1.15	68.7	9.1	1.54	91.9	6.9	0.85
1964.....	174.3	17.0	1.13	75.7	9.8	1.49	98.6	7.2	0.86
1965.....	187.1	18.3	1.14	82.7	10.6	1.49	104.5	7.7	0.87
1966.....	203.8	20.7	1.14	91.0	12.1	1.49	112.7	8.6	0.85

<sup>1</sup> Annual totals. <sup>2</sup> Seasonally adjusted. <sup>3</sup> Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Dept. of Commerce, Office of Business Economics and Bureau of the Census. In *Survey of Current Business* and *Monthly Wholesale Trade Report*.

No. 1186. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS: 1960 TO 1967

[In millions of dollars]

KIND OF BUSINESS	1960	1964	1965	1966		1967, 1st qtr.
				Total	1st qtr.	
Merchant wholesalers.....	139,866	174,329	187,141	203,751	47,975	48,529
Durable goods.....	58,581	75,722	82,691	91,026	21,306	21,026
Motor vehicles, automotive equipment.....	8,222	11,426	12,243	13,442	3,204	3,234
Electrical goods.....	8,941	11,328	12,518	13,916	3,214	3,302
Furniture, homefurnishings.....	3,065	3,931	3,803	4,342	959	1,040
Hardware, plumbing, heating equipment, supplies.....	6,525	7,594	8,366	8,937	2,020	1,969
Lumber, construction materials.....	7,295	9,442	9,758	9,512	2,197	1,781
Machinery, equipment, supplies.....	14,436	19,190	20,711	23,859	5,607	5,721
Metals, metalwork (except scrap).....	5,748	7,383	8,990	9,957	2,362	2,462
Scrap, waste materials.....	3,335	4,160	4,777	5,215	1,291	1,120
Jewelry.....	1,014	1,268	1,525	(D)	(D)	(D)
Nondurable goods.....	81,285	98,607	104,450	112,724	26,668	27,503
Groceries and related products.....	27,902	35,295	37,541	39,882	9,542	9,705
Beer, wine, distilled alcoholic beverages.....	7,396	9,080	9,380	9,954	2,095	2,216
Drugs, chemicals, allied products.....	5,470	6,668	7,267	7,788	1,875	1,967
Tobacco, tobacco products.....	4,200	4,920	4,992	5,240	1,221	1,207
Dry goods, apparel.....	6,713	8,180	8,766	9,637	2,245	2,367
Paper, paper products (excluding wallpaper).....	4,250	5,274	5,546	6,266	1,466	1,508
Farm products (raw materials).....	11,969	13,443	13,794	15,327	3,700	3,831
Other nondurable goods.....	13,387	15,747	17,164	18,593	4,524	4,703

D Withheld due to extreme variability of reported data.

<sup>1</sup> Data corrected only at level significantly affected; hence, detail will not add to total.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

No. 1187. WHOLESALE TRADE—TYPE OF OPERATION AND KIND OF BUSINESS: 1958  
AND 1963

TYPE OF OPERATION AND KIND OF BUSINESS	TOTAL WHOLESALE TRADE						MERCHANT WHOLESALERS	
	Estab-lish-ments	Sales	Payroll, entire year	Payroll, workweek ended nearest Nov. 15	Paid em-ployees, workweek ended nearest Nov. 15	Active proprie-tors of unincor-porated busi-nesses	Estab-lish-ments	Sales
1958		Mil. dol.	Mil. dol.	\$1,000				Mil. dol.
Wholesale trade, total.....	287,043	285,727	13,244	270,072	2,807,661	157,929	190,492	122,060
TYPE OF OPERATION								
Merchant wholesalers.....	190,492	122,060	8,278	168,614	1,842,837	120,064	190,492	122,060
Manufacturers' sales branches, offices.....	25,240	87,820	3,228	66,011	560,549	488	(X)	(X)
Petroleum bulk stations, terminals.....	30,520	20,252	653	12,949	139,871	7,986	(X)	(X)
Merchandise agents, brokers.....	26,666	46,589	749	15,026	148,995	21,287	(X)	(X)
Assemblers of farm products.....	14,125	9,005	335	7,471	115,409	8,104	(X)	(X)
KIND OF BUSINESS								
Motor vehicles, automotive equip-ment.....	23,133	23,519	1,135	23,339	245,129	14,867	20,897	7,126
Drugs, chemicals, allied products.....	10,305	16,597	761	15,270	144,359	3,638	7,136	4,657
Dry goods, apparel.....	12,045	13,590	588	11,426	110,298	16,995	9,221	5,910
Groceries and related products.....	42,812	49,228	2,001	40,903	480,662	33,162	30,213	25,307
Farm products—raw materials.....	17,314	28,592	390	8,660	116,918	11,099	4,195	9,594
Electrical goods.....	13,273	16,486	938	18,908	179,777	5,280	9,527	7,965
Hardware, plumbing, heating equipment, supplies.....	11,516	7,932	666	13,203	136,464	5,540	9,516	5,936
Machinery, equipment, supplies.....	41,772	25,795	2,281	46,632	437,044	18,639	30,750	12,686
Metals, minerals (except petroleum products, scrap).....	7,471	22,117	606	12,490	105,591	12,223	4,796	5,552
Petroleum bulk stations, terminals.....	30,520	20,252	653	12,949	139,871	7,986	(X)	(X)
Scrap, waste materials.....	9,661	3,126	260	5,607	73,916	9,074	9,509	2,902
Tobacco, tobacco products.....	2,963	5,459	138	12,597	33,201	12,304	2,767	3,683
Beer, wine, distilled alcoholic beverages.....	7,861	8,750	466	9,021	87,462	5,637	7,357	6,554
Paper, paper products, except wall-paper.....	6,539	6,676	411	8,291	80,245	12,870	5,201	3,579
Furniture, homefurnishings.....	6,976	4,823	329	6,796	69,293	13,699	5,382	2,517
Lumber, construction materials.....	11,721	10,584	594	12,655	127,552	15,147	9,490	6,294
Other miscellaneous products.....	31,161	22,201	1,026	21,003	239,879	19,656	24,535	11,798
1963								
Wholesale trade, total.....	308,177	358,386	18,101	349,466	3,088,706	138,222	208,997	157,392
TYPE OF OPERATION								
Merchant wholesalers.....	208,997	157,392	11,545	220,979	2,063,944	108,277	208,997	157,392
Manufacturers' sales branches, offices.....	28,884	116,443	4,377	85,525	600,203	227	(X)	(X)
Petroleum bulk stations, terminals.....	30,873	21,485	792	15,267	143,956	7,657	(X)	(X)
Merchandise agents, brokers.....	25,313	53,245	990	19,582	169,568	15,110	(X)	(X)
Assemblers of farm products.....	14,110	9,820	398	8,114	111,035	6,951	(X)	(X)
KIND OF BUSINESS								
Motor vehicles, automotive equip-ment.....	28,895	36,584	1,650	32,286	291,980	15,752	26,500	10,304
Drugs, chemicals, allied products.....	11,438	20,829	1,068	20,427	164,225	2,918	7,792	5,996
Dry goods, apparel.....	11,756	17,468	736	13,536	110,419	5,063	9,227	7,027
Groceries and related products.....	41,890	58,881	2,591	50,316	503,331	27,172	29,290	30,854
Farm products—raw materials.....	16,214	34,831	460	9,330	118,690	8,668	3,565	13,690
Electrical goods.....	16,211	22,035	1,259	24,412	190,457	4,743	10,978	9,911
Hardware, plumbing, heating equip-ment, supplies.....	12,814	9,352	838	15,829	139,270	4,697	10,527	6,827
Machinery, equipment, supplies.....	48,501	33,408	3,349	65,150	516,146	17,853	36,742	16,798
Metals, minerals (except petroleum products, scrap).....	8,475	26,593	789	14,859	112,336	2,035	5,547	7,934
Petroleum bulk stations, terminals.....	30,873	21,485	792	15,267	143,956	7,657	(X)	(X)
Scrap, waste materials.....	8,288	3,701	325	6,297	72,256	6,958	8,174	3,484
Tobacco, tobacco products.....	2,824	5,374	168	3,200	34,888	1,898	2,753	4,682
Beer, wine, distilled alcoholic beverages.....	7,598	10,739	593	11,304	90,873	4,791	7,164	8,195
Paper, paper products, except wall-paper.....	8,812	9,831	674	13,060	110,100	3,339	7,046	4,715
Furniture, homefurnishings.....	8,119	6,565	451	8,585	73,454	3,543	6,265	3,400
Lumber, construction materials.....	14,139	13,787	930	18,033	154,870	4,775	11,643	8,713
Other miscellaneous products.....	31,330	26,923	1,429	27,575	261,455	16,360	25,784	14,863

X Not applicable.

<sup>1</sup> Excludes Alaska and Hawaii.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1958*, Vol. IV, and *1963*, Vol. IV.



STATE	1958						
	Total wholesale trade						Merchant whole- salers
	Estab- lish- ments	Sales	Payroll, entire year	Payroll, work- week ended nearest Nov. 15	Paid em- ployees, workweek ended nearest Nov. 15	Active proprie- tors of unincor- porated busi- nesses	Estab- lish- ments
United States	287,043	Mil. dol. 285,727	Mil. dol. 13,244	\$1,000 270,072	2,807,661	157,929	Mil. dol. 122,060
New England	15,848	13,755	752	14,717	159,678	6,623	12,025
Maine	1,494	848	49	968	12,783	685	1,069
New Hampshire	759	396	25	498	5,906	349	553
Vermont	492	231	15	282	3,697	256	340
Massachusetts	8,441	8,678	439	8,506	88,667	3,304	6,400
Rhode Island	1,353	1,005	56	1,114	12,811	593	1,125
Connecticut	3,309	2,598	168	3,348	35,814	1,436	2,538
Middle Atlantic	64,779	79,678	3,428	68,503	664,003	35,711	50,284
New York	40,125	54,894	2,176	43,177	405,239	19,440	31,356
New Jersey	8,236	8,477	451	9,016	87,794	4,303	6,602
Pennsylvania	16,418	16,307	801	16,310	170,970	11,968	12,326
East North Central	55,253	59,346	2,790	56,636	560,337	29,961	35,116
Ohio	13,520	14,414	710	14,452	142,722	6,397	8,926
Indiana	6,697	5,231	272	5,433	58,824	3,437	3,892
Illinois	17,916	23,564	1,025	21,029	201,518	10,324	11,437
Michigan	10,797	11,600	547	10,928	105,273	6,784	7,021
Wisconsin	6,323	4,536	236	4,794	52,000	3,019	3,840
West North Central	33,220	28,100	1,151	23,305	252,128	16,969	15,544
Minnesota	6,773	6,538	280	5,707	58,922	3,181	3,359
Iowa	6,286	4,496	163	3,293	39,158	3,633	2,682
Missouri	8,428	9,593	427	8,559	86,902	4,437	4,873
North Dakota	2,142	1,004	39	779	9,202	624	567
South Dakota	1,828	953	33	671	8,553	749	606
Nebraska	3,186	2,969	96	1,922	22,850	1,798	1,446
Kansas	4,577	2,545	113	2,375	26,541	2,547	2,011
South Atlantic	31,767	28,488	1,390	28,489	337,500	16,985	21,434
Delaware	542	804	46	885	7,459	225	380
Maryland	3,363	3,313	166	3,311	37,297	1,925	2,475
District of Colum- bia	1,202	1,676	91	1,807	17,882	478	867
Virginia	3,817	3,489	170	3,458	42,800	1,927	2,523
West Virginia	2,038	1,321	79	1,594	18,879	909	1,519
North Carolina	5,741	5,026	211	4,467	54,441	3,557	3,635
South Carolina	2,387	1,605	73	1,467	20,027	1,493	1,535
Georgia	5,445	5,741	254	5,261	58,337	2,954	3,310
Florida	7,232	5,512	299	6,239	80,378	3,517	5,190
East South Central	13,367	11,959	521	10,647	131,880	9,042	8,680
Kentucky	3,220	2,564	120	2,519	31,554	2,188	2,069
Tennessee	4,490	5,153	208	4,154	50,095	3,064	2,980
Alabama	3,393	2,853	134	2,769	34,059	2,320	2,241
Mississippi	2,264	1,389	59	1,204	16,172	1,470	1,390
West South Central	27,044	22,293	1,051	21,735	245,627	16,348	17,531
Arkansas	2,298	1,164	55	1,133	15,114	1,464	1,364
Louisiana	4,501	4,075	192	4,016	46,473	2,603	3,145
Oklahoma	3,990	2,664	126	2,665	29,330	2,538	2,438
Texas	16,255	14,390	678	13,921	154,710	9,743	10,584
Mountain	11,860	7,873	390	8,220	92,978	6,032	6,762
Montana	1,606	763	35	678	8,366	495	678
Idaho	1,468	669	34	841	11,131	655	652
Wyoming	632	211	11	243	2,730	300	333
Colorado	3,325	2,955	132	2,732	29,912	1,922	1,879
New Mexico	1,270	665	37	786	8,641	722	852
Arizona	1,748	1,214	68	1,471	16,330	960	1,202
Utah	1,402	1,197	61	1,230	13,388	738	884
Nevada	409	199	12	241	2,480	242	282
Pacific	33,905	34,237	1,772	37,820	363,530	20,258	23,116
Washington	5,267	4,316	231	4,829	49,198	2,571	3,237
Oregon	3,501	3,259	148	3,069	30,663	2,046	2,261
California	24,090	25,906	1,348	28,963	273,349	15,174	16,854
Alaska	254	138	9	182	1,478	89	168
Hawaii	793	618	36	777	8,842	378	596

## SUMMARY, BY STATES: 1958 AND 1963

1963								STATE
Total wholesale trade						Merchant whole- salers		
Estab- lish- ments	Sales	Payroll, entire year	Payroll, work- week ended nearest Nov. 15	Paid em- ployees, work week ended nearest Nov. 15	Active proprie- tors of unincor- porated busi- nesses	Estab- lish- ments	Sales	
308,177	Mil. dol. 358,386	Mil. dol. 18,101	\$1,000 349,466	3,088,706	138,222	208,997	Mil. dol. 157,392	
United States.								
16,685	16,816	1,018	19,138	171,963	5,562	12,878	8,418	New England.
1,495	980	63	1,219	13,100	604	1,088	539	Maine.
794	505	35	659	6,636	307	603	305	New Hampshire.
482	264	18	339	3,709	214	334	152	Vermont.
8,730	10,392	582	10,837	94,535	2,722	6,729	4,855	Massachusetts.
1,436	1,199	77	1,430	13,809	481	1,207	695	Rhode Island.
3,748	3,476	244	4,653	40,174	1,234	2,917	1,872	Connecticut.
66,576	97,020	4,499	85,254	701,341	27,889	52,343	44,236	Middle Atlantic.
40,160	66,208	2,777	52,301	412,175	13,872	32,096	30,426	New York.
9,626	12,769	709	13,471	113,104	3,965	7,731	6,057	New Jersey.
16,790	18,044	1,013	19,482	176,062	10,052	12,516	7,753	Pennsylvania.
58,621	73,351	3,704	71,113	602,707	25,981	37,697	28,075	East North Central.
14,299	18,208	941	17,997	152,668	5,497	9,549	6,734	Ohio.
7,257	6,452	365	7,008	64,860	3,159	4,303	2,731	Indiana.
18,690	29,135	1,374	26,406	216,186	8,497	11,986	10,848	Illinois.
11,635	14,055	711	13,619	113,845	6,148	7,771	5,224	Michigan.
6,740	5,502	313	6,084	55,148	2,680	4,088	2,538	Wisconsin.
33,236	34,408	1,513	29,235	271,854	14,110	16,093	13,434	West North Central.
6,953	8,390	385	7,458	65,699	2,760	3,545	3,449	Minnesota.
6,025	4,724	206	3,978	40,266	2,874	2,577	1,751	Iowa.
8,642	12,307	548	10,525	91,695	3,697	5,239	4,852	Missouri.
2,035	1,220	49	942	9,786	534	521	366	North Dakota.
1,740	975	42	827	9,126	643	557	278	South Dakota.
3,199	3,403	129	2,540	25,294	1,431	1,471	1,180	Nebraska.
4,642	3,390	153	2,964	29,988	2,171	2,183	1,558	Kansas.
36,531	37,958	2,032	39,462	396,369	15,589	24,955	15,729	South Atlantic.
565	1,090	57	1,091	8,193	193	384	259	Delaware.
3,658	4,474	248	4,733	44,104	1,617	2,646	1,853	Maryland.
1,184	2,059	129	2,438	19,407	323	862	887	District of Colum- bia.
4,317	4,376	248	4,856	50,754	1,691	2,876	2,004	Virginia.
2,028	1,396	93	1,794	18,615	816	1,517	763	West Virginia.
6,615	6,983	323	6,348	67,146	3,218	4,232	2,518	North Carolina.
2,738	1,993	108	2,073	23,464	1,407	1,839	1,062	South Carolina.
6,530	8,100	383	7,464	72,319	2,956	4,079	2,670	Georgia.
8,896	7,487	441	8,666	92,367	3,368	6,520	3,711	Florida.
15,211	15,070	732	14,041	150,520	8,769	10,240	7,516	East South Central.
3,632	3,211	167	3,189	34,937	2,086	2,424	1,510	Kentucky.
5,100	6,677	293	5,623	57,515	2,964	3,484	3,335	Tennessee.
3,935	3,395	184	3,543	38,115	2,325	2,668	1,669	Alabama.
2,544	1,787	88	1,686	19,953	1,394	1,664	1,003	Mississippi.
29,888	27,915	1,442	28,593	278,846	15,716	20,052	13,896	West South Central.
2,566	1,546	85	1,661	19,025	1,453	1,621	847	Arkansas.
4,852	4,598	249	4,875	48,407	2,192	3,422	2,372	Louisiana.
4,175	3,465	171	3,364	33,321	2,348	2,680	1,642	Oklahoma.
18,295	18,305	937	18,693	178,093	9,723	12,329	9,035	Texas.
13,238	9,926	578	11,491	107,929	5,651	8,121	4,873	Mountain.
1,590	844	43	851	8,367	423	703	378	Montana.
1,473	779	47	995	11,405	587	715	329	Idaho.
672	249	16	325	3,140	270	390	134	Wyoming.
3,720	3,623	195	3,808	34,095	1,744	2,262	1,558	Colorado.
1,406	779	53	1,053	10,296	716	993	493	New Mexico.
2,199	1,791	109	2,176	20,522	1,016	1,562	1,014	Arizona.
1,628	1,470	89	1,766	16,056	672	1,098	667	Utah.
550	390	27	517	4,048	223	398	299	Nevada.
38,191	45,923	2,582	51,139	407,177	18,955	26,618	21,214	Pacific.
5,593	5,173	304	6,066	52,071	2,254	3,557	2,567	Washington.
3,768	4,448	206	4,065	33,766	1,848	2,482	2,537	Oregon.
27,565	35,386	2,001	39,600	308,767	14,417	19,666	15,609	California.
291	181	14	272	1,792	92	191	106	Alaska.
974	735	57	1,136	10,781	344	722	395	Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. V.



No. 1189. WHOLESALE TRADE—ESTABLISHMENTS, SALES, AND PAYROLL, BY EMPLOYMENT SIZE OF ESTABLISHMENTS: 1963

NUMBER OF PAID EMPLOYEES	Estab-lish-ments	Sales (mil. dol.)	Payroll, entire year (\$1,000)	NUMBER OF PAID EMPLOYEES	Estab-lish-ments	Sales (mil. dol.)	Payroll, entire year (\$1,000)
All establishments	308,177	358,386	18,100,929	8 or 9.....	19,504	18,463	951,772
Number of paid employees:				10 to 14.....	29,214	36,626	2,007,574
				15 to 19.....	15,517	27,311	1,538,210
				20 to 49.....	26,838	85,508	4,675,590
				50 to 99.....	6,132	49,229	2,502,033
				100 to 499.....	2,484	46,351	2,584,085
				500 to 999.....	71	6,952	293,745
				1,000 or more.....	17	1,796	156,786
1.....	62,424	13,509	360,810				
2.....	42,145	12,894	422,772				
3.....	32,855	13,940	518,576				
4 or 5.....	42,680	23,945	1,047,564				
6 or 7.....	28,296	21,862	1,041,412				

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1963*, Vol. IV.

No. 1190. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS: 1960 TO 1967

[Totals include data for some kinds of business not shown separately]

KIND OF BUSINESS	INVENTORIES <sup>1</sup> (mil. dol.)					STOCK-SALES RATIOS (percent)		
	1960	1965	1966		1967, March (prel.)	1960	1965	1966
			End of year	March				
Merchant wholesalers <sup>2</sup> .....	13,012	16,927	19,092	17,538	19,113	124	113	121
Durable goods.....	8,121	10,575	12,112	10,995	12,047	171	147	161
Motor vehicles, automotive equipment.....	1,271	1,891	2,186	2,017	2,112	192	192	199
Electrical goods.....	1,220	1,551	1,814	1,545	1,931	169	137	169
Hardware, plumbing, heating equipment, supplies.....	1,075	1,298	1,353	1,275	1,336	208	174	182
Machinery, equipment, supplies.....	2,229	2,890	3,454	3,131	3,400	181	158	162
Metals, metalwork (except scrap).....	911	1,213	1,378	1,235	1,425	197	164	162
Nondurable goods <sup>2</sup> .....	4,891	6,352	6,980	6,543	7,066	86	82	85
Groceries and related products.....	1,331	1,840	1,984	1,840	1,943	57	58	60
Beer, wine, distilled alcoholic beverages.....	666	753	815	831	923	108	93	103
Drugs, chemicals, allied products.....	579	757	835	777	861	129	120	124
Paper, paper products, excluding wall-paper.....	386	460	562	524	582	108	95	106

<sup>1</sup> As of end of year, except as noted.

<sup>2</sup> Excludes farm products (raw materials) merchants.

Source: Dept. of Commerce, Bureau of the Census; *Monthly Wholesale Trade Report*.

No. 1191. MERCHANT WHOLESALERS—ESTABLISHMENTS, SALES, AND PAYROLL, BY SALES SIZE OF ESTABLISHMENTS: 1963

SALES SIZE	Estab-lish-ments	Sales (mil. dol.)	Payroll, entire year (\$1,000)	SALES SIZE	Estab-lish-ments	Sales (mil. dol.)	Payroll, entire year (\$1,000)
All establish-ments.....	208,997	157,392	11,544,746	\$1,000,000 to \$1,999,000.....	17,616	24,582	2,099,065
Operated all year With annual sales of—	200,777	153,414	11,243,929	\$2,000,000 to \$4,999,000.....	10,213	30,840	2,170,014
				\$5,000,000 to \$9,999,000.....	2,654	17,983	1,020,668
				\$10,000,000 to \$14,999,000.....			
				\$15,000,000 to \$19,999,000.....	622	7,488	374,077
				\$20,000,000 and over.....	273	4,675	197,727
					478	23,283	503,758
Less than \$100,000.....	51,563	2,694	352,895	Not operated all year.....	8,220	3,978	300,817
\$100,000 to \$199,000.....	38,545	5,569	685,152				
\$200,000 to \$299,000.....	23,561	5,778	677,724				
\$300,000 to \$499,000.....	26,640	10,324	1,159,112				
\$500,000 to \$999,000.....	28,612	20,199	2,003,737				

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1963*, Vol. IV.

# No. 1192. PUBLIC WAREHOUSING FACILITIES—SUMMARY, BY REGION: 1958 AND 1963

[1958 excludes Alaska and Hawaii. Covers only establishments classified as "public warehouses" with 1 or more paid employees. For composition of regions, see fig. I, p. xiii]

## Public Warehousing Facilities

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REGION AND TYPE OF FACILITY	1958					1963				
	Estab-lish-ments	Revenue (\$1,000)	Occupiable public storage space, Dec. 31		Bulk liquid storage space (1,000 gal.)	Estab-lish-ments	Revenue (\$1,000)	Occupiable public storage space, Dec. 31		Bulk liquid storage space (1,000 gal.)
			Floor space (1,000 sq. ft.)	Refrig-erated space (1,000 cu. ft.)				Floor space (1,000 sq. ft.)	Refrig-erated space (1,000 cu. ft.)	
<b>United States</b>	8,447	936,325	340,345	363,845	427,757	8,838	1,119,478	454,223	474,199	467,480
Household goods	1,980	250,907	56,254	1,675	1	2,955	396,319	181,806	471	43
General	1,512	200,934	119,325	12,451	714	1,483	248,282	115,918	11,115	297
Refrigerated, except food lockers	740	141,173	338,301	338,301	-	1,769	176,894	67,998	453,801	1,179
Food lockers <sup>1</sup>	2,300	99,794	1,162	10,517	1,321	1,904	84,915	14,969	7,152	6
Farm products	1,517	206,152	140,456	29	993	1,346	167,931	55,689	124,346	1,410
Other	398	37,365	9,873	872	424,728	381	45,137	17,843	18,900	464,545
<b>Northeast</b>	1,550	202,803	71,079	98,618	334,675	1,589	254,880	118,005	111,549	341,456
Household goods	573	66,424	16,425	1,118	1	659	94,787	49,410	19,061	28
General	471	69,319	44,384	2,764	315	489	85,152	38,362	48,433	178
Refrigerated, except food lockers	187	40,076	5,056	91,244	-	199	50,823	21,501	2,964	671
Food lockers <sup>1</sup>	155	7,819	144	2,641	-	92	3,481	706	299	74
Farm products	24	2,985	650	8	-	16	2,663	641	-	-
Other	140	16,180	4,420	843	334,359	134	17,974	6,798	992	340,607
<b>North Central</b>	2,744	242,860	60,681	107,891	46,932	2,661	288,637	112,358	147,000	35,781
Household goods	478	60,340	14,351	58	-	620	86,147	38,429	16,496	20
General	417	60,644	36,754	7,112	104	409	74,905	35,738	41,582	2,788
Refrigerated, except food lockers	202	42,887	4,034	96,997	-	189	53,400	22,646	4,022	508
Food lockers <sup>1</sup>	1,303	47,890	4,461	3,724	518	1,131	45,284	7,449	126	-
Farm products	256	23,586	3,468	-	555	230	19,324	3,966	3,572	850
Other	88	7,513	1,583	-	45,755	32	9,577	4,100	9	34,403
<b>South</b>	2,852	325,843	170,807	74,445	29,976	3,026	347,800	129,292	93,228	52,803
Household goods	525	66,327	14,243	448	-	966	107,228	43,603	19,985	23
General	419	42,472	24,409	1,176	60	393	50,790	23,428	3,957	93
Refrigerated, except food lockers	165	24,845	2,853	69,504	-	169	30,706	10,272	3,791	-
Food lockers <sup>1</sup>	553	29,859	414	3,268	702	427	24,398	4,705	3,017	5
Farm products	1,073	153,340	125,966	21	322	969	125,187	43,158	111,738	532
Other	117	9,000	2,922	29	28,892	102	9,491	4,126	80	52,150
<b>West</b>	1,301	164,819	37,778	82,890	16,174	1,562	228,161	94,568	122,422	37,440
Household goods	404	57,816	11,205	51	-	710	108,157	50,364	15,361	17
General	205	28,499	13,778	1,399	235	192	37,435	18,360	13,407	653
Refrigerated, except food lockers	186	33,365	1,332	80,556	-	212	41,965	13,579	928	26
Food lockers <sup>1</sup>	289	14,226	1,143	884	101	254	11,752	2,109	126	-
Farm products	164	26,241	10,372	-	116	131	20,757	7,307	8,391	1
Other	53	4,572	948	-	15,722	63	8,095	2,819	2,507	28
										37,385

- Represents zero.

<sup>1</sup> These data include only those frozen food lockers and the bulk storage freezer space in locker facilities operated in establishments classified in the public warehousing group.

<sup>2</sup> Includes only establishments classified as "Food lockers, with or without food preparation facilities (SIC 4223)." Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1958, Vol. III, and 1963, Vol. IV.



## No. 1193. SELECTED SERVICES, BY KIND OF BUSINESS: 1963

[Receipts in millions of dollars; payroll in thousands of dollars]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	WORKWEEK ENDED NEAREST NOV. 15		Active proprietors of unincorporated businesses
	Total	With payroll	Total, all estab- lish- ments	Estab- lish- ments with payroll		Pay- roll	Paid em- ployees	
<b>Selected services</b> .....	1,061,673	504,356	44,586	41,023	12,192,105	240,637	3,261,541	1,016,923
<b>Hotels, motels, tourist courts, camps</b> .....	84,706	53,071	5,049	4,816	1,439,496	27,656	526,050	83,408
Hotels.....	22,692	18,969	3,006	2,976	1,035,117	20,152	361,842	20,187
Year-round hotels:								
25 or more guest rooms.....	10,377	10,234	2,575	2,571	928,353	18,792	332,998	7,873
Less than 25 guest rooms.....	8,540	5,138	165	139	32,647	678	17,394	8,977
Seasonal hotels.....	3,775	3,597	266	265	74,117	682	11,450	3,337
Motels, tourist courts.....	38,858	23,159	1,176	1,063	208,534	3,995	96,374	40,806
Motor hotels.....	2,726	2,642	486	485	129,325	2,744	53,676	2,043
Trailer parks.....	9,769	3,402	169	116	18,654	369	6,670	10,186
Sporting, recreational camps.....	10,661	4,899	213	177	47,866	397	7,488	10,186
<b>Personal services</b> .....	447,080	200,468	9,163	7,877	2,932,752	58,013	954,179	448,706
Laundries, laundry service, clean- ing, dyeing plants.....	79,052	55,877	4,004	3,786	1,573,233	30,814	531,027	75,784
Power laundries.....	10,313	10,050	1,042	1,040	532,195	10,284	190,501	8,843
Self-service laundries.....	23,863	9,669	318	174	33,588	621	16,222	25,502
Industrial laundries.....	868	768	372	372	135,557	2,646	33,557	353
Linen supply.....	1,591	1,469	572	570	212,720	4,026	56,332	652
Diaper service.....	388	322	56	55	23,030	439	5,590	264
Laundries, except power and self- service.....	6,159	1,567	78	44	11,302	233	4,862	6,511
Cleaning, dyeing plants.....	35,870	32,032	1,565	1,531	624,841	12,566	223,963	33,659
Cleaning, dyeing plants, except rug cleaning.....	31,722	28,920	1,437	1,411	585,817	11,760	211,664	29,772
Self-service drycleaning.....	2,290	2,002	54	52	12,734	273	5,487	2,096
Rug cleaning, repairing plants.....	1,858	1,110	74	69	26,290	533	6,812	1,791
Beauty shops <sup>1</sup> .....	151,720	64,059	1,618	1,321	572,910	11,586	203,738	154,508
Barber shops.....	105,516	37,131	907	585	254,440	5,168	73,503	110,645
Photo studios, incl. comm. photog.. Shoe repair, shoeshine, hat cleaning.. Funeral service, crematories.....	19,544	7,425	495	408	122,621	2,520	32,630	18,775
Pressing, alterations, garment re- pair, fur repair, storage.....	21,486	6,167	208	125	34,719	681	12,886	21,863
Miscellaneous personal services.....	20,529	15,663	1,298	1,200	257,293	4,797	58,849	18,878
Miscellaneous personal services.....	30,688	9,103	353	223	50,075	1,068	20,763	30,252
Miscellaneous personal services.....	18,545	5,043	280	229	67,461	1,378	20,783	18,001
<b>Misc. business services</b> .....	147,668	73,505	15,193	14,711	24,103,006	281,970	287,865	121,055
Advertising.....	12,896	7,706	6,384	6,325	766,143	14,616	100,319	8,600
Credit bureaus, collection agencies.. Direct mail advertising, duplicat- ing, copy, steno. services.....	7,187	5,609	445	437	188,562	3,792	50,133	4,516
Services to dwellings, other bldgs.. News syndicates.....	13,932	5,175	628	585	221,073	4,385	56,027	12,778
Private employment agencies.....	25,893	12,171	875	811	460,320	9,251	152,756	24,730
Research, development laboratories.. Testing laboratories.....	1,065	321	111	105	44,691	869	5,516	882
Business, mgt. consulting serv.. Public relations services.....	4,408	3,490	145	138	63,066	1,276	17,932	3,617
Detective agcies., protective serv.. Armored car services.....	1,540	1,154	839	837	447,320	10,180	61,136	662
Equipment rental.....	1,549	1,415	204	203	81,546	1,659	15,197	577
Coin-optd. mach. rental, rpr. serv.. Photofinishing laboratories.....	20,879	7,793	1,207	1,115	481,694	9,519	78,003	17,105
Trading stamp establishments.....	3,377	1,677	154	141	57,794	1,133	9,306	2,680
Interior decorating.....	3,644	2,169	289	281	193,606	3,937	66,994	2,848
Sign painting shops.....	315	309	67	67	36,905	709	8,372	63
Auctioneers' estab. (serv. only).....	8,903	5,660	821	791	178,396	3,448	31,711	6,421
Telephone answering.....	438	266	19	18	4,501	85	926	367
Window display services.....	2,639	1,533	400	395	110,205	2,115	25,099	2,068
Water softening services.....	923	923	762	762	46,483	899	9,534	37
Other.....	4,475	1,123	123	91	16,555	327	3,711	4,300
Auto rpr., auto serv., garages.....	7,093	1,957	109	79	25,912	519	6,231	7,137
Auto repair shops.....	2,343	479	69	56	9,143	173	2,636	2,325
General auto repair.....	2,513	1,979	87	85	40,715	848	15,807	2,092
Top, body repair.....	1,227	243	20	14	3,852	77	1,002	1,205
Battery, ignition rpr. and serv.. Radiator repair.....	1,773	1,251	96	91	30,231	588	6,564	1,565
Tire repair.....	18,656	9,102	1,340	1,284	600,993	11,765	150,654	14,480
Paint shops.....	139,611	76,480	5,444	4,858	1,135,091	22,593	288,025	137,315
Glass replacement, repair.....	114,459	58,347	3,588	3,059	778,349	15,494	184,416	120,344
Brake repair.....	72,416	31,243	1,842	1,457	342,993	6,811	84,962	77,749
Tire repair.....	16,207	8,964	561	494	152,423	3,035	32,077	17,140
Battery, ignition rpr. and serv.. Radiator repair.....	2,066	1,432	73	67	16,725	334	4,053	2,173
Tire repair.....	3,976	2,146	95	80	21,017	433	5,148	4,244
Paint shops.....	4,071	3,141	377	365	70,179	1,408	16,102	3,724
Glass replacement, repair.....	5,294	4,408	201	194	60,640	1,239	14,839	5,393
Brake repair.....	1,542	1,202	93	88	21,360	418	4,226	1,449
Brake repair.....	1,311	1,005	68	64	19,557	380	3,863	1,190

<sup>1</sup> Includes combination beauty and barber shops.<sup>2</sup> Discrepancies in figures identified after the tabulation process was completed have been corrected only at the level significantly affected; hence, detail may not add to total.

## Selected Services

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## No. 1193. SELECTED SERVICES, BY KIND OF BUSINESS: 1963—Continued

[Receipts in millions of dollars; payroll in thousands of dollars]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS		Payroll, entire year	WORKWEEK ENDED NEAREST NOV. 15		Active proprietors of unincorporated businesses
	Total	With payroll	Total, all estab- lish- ments	Estab- lish- ments with payroll		Pay- roll	Paid em- ployees	
<b>Auto repair, etc.—Continued</b>								
Auto repair shops—Continued								
Wheel, axle, spring repair.....	1,866	1,412	72	67	22,387	420	4,435	1,852
Other auto repair shops.....	5,710	3,394	205	184	51,059	1,016	11,074	5,430
Auto parking.....	11,269	9,574	416	404	114,274	2,242	34,928	6,554
Auto, truck rentals, without drivers; lease services.....	7,351	4,323	1,218	1,187	160,980	3,192	32,688	4,384
Auto services, except repair.....	6,532	4,236	222	207	81,488	1,667	35,993	6,033
<b>Miscellaneous repair services...</b>	<b>146,776</b>	<b>41,610</b>	<b>3,022</b>	<b>2,305</b>	<b>744,459</b>	<b>14,830</b>	<b>161,533</b>	<b>147,638</b>
Electrical repair shops.....	61,186	14,541	1,116	760	234,050	4,687	51,149	61,746
Radio, television repair.....	43,208	8,713	628	371	99,236	2,020	25,012	44,265
Refrigerator service, repair.....	6,772	1,854	144	98	27,519	515	5,433	6,799
Other electrical repair shops.....	11,206	3,974	343	291	107,295	2,152	20,704	10,682
Watch, clock, jewelry repair.....	9,735	1,873	107	58	15,928	306	4,202	9,680
Reupholstery, furniture repair.....	17,880	6,342	293	220	65,987	1,377	18,620	18,794
Misc. repair shops, related serv- ices.....	57,975	18,854	1,506	1,267	428,494	8,460	87,562	57,418
Armature rewinding, elec. motor repair, rebuilding.....	3,806	2,592	308	299	102,158	1,983	18,518	3,496
Locksmith, gunsmith shops.....	3,087	956	40	27	7,072	139	1,772	2,839
Musical instrument repair.....	3,458	364	25	11	2,943	59	797	3,477
Farm machinery, equip. repair.....	2,171	1,166	65	57	12,987	252	3,254	2,286
Lawnmower, saw, knife, tool sharpening, repair.....	4,678	1,358	73	56	16,326	308	3,699	4,847
Welding rpr., other than auto.....	11,388	3,644	244	195	62,064	1,224	13,463	11,655
Other.....	29,387	8,774	750	623	224,944	4,495	46,059	28,818
<b>Motion pictures.....</b>	<b>16,381</b>	<b>14,869</b>	<b>2,725</b>	<b>2,710</b>	<b>731,963</b>	<b>14,044</b>	<b>161,740</b>	<b>9,119</b>
Motion picture prod., distr., serv.....	3,729	2,829	1,662	1,652	481,964	9,427	49,219	1,679
Motion picture theaters.....	12,652	12,040	1,063	1,057	249,999	4,617	112,521	7,440
Motion pictures, exc. drive-in.....	9,150	8,665	808	803	201,132	3,777	89,999	5,331
Drive-in.....	3,502	3,375	255	254	48,867	840	22,522	2,109
<b>Amusement, recreation serv- ices, except motion pictures.....</b>	<b>79,451</b>	<b>44,353</b>	<b>2 3,990</b>	<b>2 3,746</b>	<b>21,105,338</b>	<b>221,529</b>	<b>2 295,149</b>	<b>69,682</b>
Dance halls, studios, schools, in- cluding children's.....	7,301	3,078	99	81	28,324	587	13,858	7,340
Dance halls.....	869	601	29	27	7,792	153	4,683	839
Children's dance schools.....	1,809	1,705	25	24	7,337	165	4,427	1,848
Other dance schools.....	4,623	772	45	29	13,195	269	4,748	4,653
Bands, orchestras, entertainers.....	11,047	6,121	222	190	90,024	2,354	33,838	10,997
Dance bands, orchestras, exc. symphony.....	5,118	5,118	86	86	48,237	1,144	24,797	4,999
Entertainers (radio, TV) <sup>3</sup> .....	5,627	701	81	49	11,322	239	2,461	5,892
Symphony orchestras, opera <sup>4</sup> .....	147	147	47	47	27,778	898	5,851	28
Other classical music groups.....	155	155	8	8	2,687	73	729	78
Theatrical presentations, services.....	3,223	1,843	368	355	122,871	2,439	19,315	2,444
Bowling, billiards, pool.....	15,927	12,045	1,016	986	257,100	5,454	97,027	12,511
Billiard, pool parlors.....	7,069	3,702	117	94	18,759	395	8,990	7,442
Bowling establishments.....	8,858	8,343	900	892	238,341	5,059	88,037	5,069
Commercial sports.....	6,488	2,092	727	696	188,524	3,380	30,037	6,422
Baseball, football clubs, promoter.....	445	445	159	159	70,862	1,520	8,663	128
Baseball clubs.....	158	158	68	68	34,655	297	2,147	19
Football clubs.....	41	41	30	30	18,407	834	2,142	8
Other sports clubs, promoters.....	246	246	61	61	17,800	389	4,374	101
Racetrack operations <sup>5</sup> .....	6,043	1,647	569	537	117,662	1,860	21,374	6,294
Automobile racing.....	458	458	38	38	6,012	77	2,033	113
Dog racetracks.....	55	55	45	45	10,855	110	1,593	15
Horse racetracks.....	235	235	407	407	85,716	1,389	13,658	86
Dog and horse racing stables.....	5,295	899	80	48	15,079	285	4,090	6,080
Public golf courses.....	1,047	1,047	76	76	23,301	407	6,038	730
Golf clubs, country clubs.....	1,572	1,572	169	169	61,854	1,156	18,770	510
Other commercial recreation.....	11,452	6,028	226	189	51,830	743	15,479	10,226
Skating rinks.....	1,274	1,274	48	48	12,547	258	6,171	902
Swimming pools.....	1,089	1,087	32	32	9,633	62	1,236	538
Boat, canoe rentals.....	1,576	540	25	18	3,493	51	956	1,600
Bathing beaches.....	551	551	21	21	6,359	43	796	319
Riding academies, stables.....	1,199	577	20	15	3,912	81	1,521	1,089
Other.....	5,763	1,999	81	56	15,886	248	4,799	5,778
Other commercial amusements.....	21,384	10,527	1,037	954	273,010	4,808	59,487	18,502
Amusement parks, devices.....	3,773	2,312	175	164	53,242	555	8,531	3,142
Carnivals, circuses.....	363	363	47	47	11,250	118	1,730	306
Fairs.....	1,257	1,257	58	58	18,294	90	1,181	32
Tourist attrn., natural wonders.....	424	362	30	29	8,082	139	2,304	309
Coin-operated amusement de- vices.....	5,038	3,074	283	261	50,175	949	11,142	4,794
Other.....	10,529	3,159	444	395	131,967	2,958	34,599	9,919

<sup>3</sup> Excludes classical.    <sup>4</sup> Includes ballet companies and ice shows.    <sup>5</sup> Includes racing stables.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. VII.



[Receipts in millions of dollars; payroll in thousands of dollars. Discrepancies in figures identified after the may not add

STATE	Estab- lish- ments	Receipts	Payroll, entire year	WORKWEEK ENDED NEAREST NOV. 15		Active proprietors of unincor- porated busi- nesses	KIND OF BUSINESS	
				Payroll	Paid em- ployees		Hotels, motels, tourist courts, camps	
							Estab- lish- ments	Receipts
<b>United States</b> .....	1,061,673	44,586	12,192,105	240,637	3,261,541	1,016,923	84,706	5,049
<b>New England</b> .....	62,768	2,197	628,026	11,758	172,861	56,118	5,407	290
Maine.....	6,146	139	33,983	542	10,099	5,740	1,402	42
New Hampshire.....	4,862	128	32,317	495	8,680	4,527	1,146	39
Vermont.....	2,840	72	17,264	272	5,298	2,636	749	26
Massachusetts.....	29,383	1,188	349,783	6,691	93,605	25,664	1,376	127
Rhode Island.....	5,246	158	44,502	873	13,357	4,675	172	12
Connecticut.....	14,291	512	150,177	2,885	41,822	12,876	562	44
<b>Middle Atlantic</b> .....	206,384	12,723	3,258,994	63,149	765,899	186,838	10,484	1,084
New York.....	107,419	9,063	2,220,792	43,278	482,972	91,797	5,491	713
New Jersey.....	35,135	1,473	445,058	8,465	116,092	31,716	1,909	137
Pennsylvania.....	63,830	2,188	584,644	11,206	165,580	63,325	3,084	234
<b>East North Central</b> .....	210,897	8,427	2,165,612	42,113	574,477	204,183	13,814	733
Ohio.....	55,453	1,932	517,609	10,061	145,842	51,923	2,373	162
Indiana.....	27,400	687	177,690	3,475	55,914	26,844	1,509	75
Illinois.....	61,711	3,369	880,640	16,977	207,901	59,909	2,463	277
Michigan.....	44,412	1,793	424,213	8,342	114,614	44,514	4,034	130
Wisconsin.....	21,921	646	165,460	3,259	50,206	20,993	3,435	89
<b>West North Central</b> .....	92,230	2,803	688,917	13,458	218,607	90,926	9,251	342
Minnesota.....	19,443	725	174,851	3,412	50,418	18,819	3,163	93
Iowa.....	17,357	403	91,745	1,775	32,484	17,305	1,159	46
Missouri.....	25,778	967	253,869	4,961	76,120	25,079	2,025	105
North Dakota.....	3,268	72	16,175	327	6,359	3,321	414	16
South Dakota.....	4,021	86	18,126	331	6,548	4,017	684	18
Nebraska.....	10,045	257	59,508	1,178	20,666	9,942	822	31
Kansas.....	12,318	292	74,643	1,475	26,012	12,443	984	34
<b>South Atlantic</b> .....	140,049	5,044	1,454,968	28,553	452,421	132,099	13,298	819
Delaware.....	2,401	83	23,169	417	6,732	2,119	152	9
Maryland.....	13,840	706	215,035	4,206	56,457	12,533	629	47
District of Columbia.....	5,195	432	155,649	3,071	38,417	4,279	106	86
Virginia.....	17,719	589	178,419	3,530	58,795	16,674	1,428	91
West Virginia.....	7,607	256	72,172	1,321	20,598	7,235	488	29
North Carolina.....	23,677	598	155,363	3,037	56,554	23,423	1,674	70
South Carolina.....	10,494	254	64,819	1,267	26,800	10,271	830	35
Georgia.....	19,625	634	165,076	3,257	58,594	19,043	1,179	68
Florida.....	39,491	1,492	425,266	8,447	129,474	36,522	6,812	384
<b>East South Central</b> .....	56,849	1,535	407,724	8,855	149,763	57,316	3,452	173
Kentucky.....	15,188	386	94,704	1,898	33,879	15,465	946	46
Tennessee.....	18,853	585	161,723	3,947	58,066	19,032	1,178	57
Alabama.....	13,752	363	102,216	2,015	37,236	13,664	765	40
Mississippi.....	9,056	201	49,081	995	20,582	9,155	563	31
<b>West South Central</b> .....	96,661	2,946	804,547	15,798	273,625	95,615	7,061	346
Arkansas.....	9,141	209	50,321	961	19,773	9,386	1,041	38
Louisiana.....	12,722	476	136,398	2,667	44,673	12,035	743	59
Oklahoma.....	13,919	381	99,608	1,962	33,269	13,942	1,106	40
Texas.....	60,879	1,879	518,220	10,207	172,273	60,252	4,171	209
<b>Mountain</b> .....	48,051	1,917	552,970	11,411	158,745	47,035	8,688	480
Montana.....	4,365	100	24,403	472	7,967	4,360	1,044	28
Idaho.....	4,458	123	33,291	707	9,080	4,446	768	23
Wyoming.....	2,903	75	17,823	310	5,523	2,898	761	30
Colorado.....	12,988	438	120,431	2,344	34,709	12,589	2,063	84
New Mexico.....	5,697	168	46,700	954	15,139	5,692	1,118	37
Arizona.....	9,018	334	88,269	1,849	29,150	8,731	1,490	75
Utah.....	5,308	173	43,656	831	13,883	5,125	599	25
Nevada.....	3,314	505	178,397	3,945	43,294	3,194	845	179
<b>Pacific</b> .....	147,784	6,996	2,230,347	45,542	495,143	146,793	13,251	782
Washington.....	18,218	540	149,751	2,944	39,438	17,553	2,090	73
Oregon.....	11,064	364	95,126	1,949	27,697	11,194	1,533	58
California.....	114,021	5,882	1,920,409	39,353	409,603	113,938	9,246	590
Alaska.....	1,050	45	15,721	282	3,041	1,021	204	12
Hawaii.....	3,431	163	49,340	1,014	15,364	3,087	178	49

<sup>1</sup> Includes motion pictures.

## SUMMARY, BY STATES: 1963

tabulation process was completed have been corrected only at the level significantly affected; hence, detail to total]

KIND OF BUSINESS—Continued										STATE
Personal services		Miscellaneous business services		Auto repair, auto services, garages		Miscellaneous repair services		Amusement, recreation services <sup>1</sup>		
Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	Estab-lish-ments	Receipts	
447,080	9,163	147,668	15,193	139,611	5,444	146,776	3,022	95,832	6,715	U.S.
27,421	551	8,938	625	7,200	301	8,087	148	5,715	283	N.E.
2,252	34	401	17	757	22	699	8	635	16	Maine.
1,728	27	464	16	524	16	534	7	466	23	N.H.
894	13	234	7	359	8	327	4	277	14	Vt.
13,790	290	4,533	395	3,306	152	3,713	76	2,665	148	Mass.
2,555	45	720	42	605	20	714	12	480	27	R.I.
6,202	142	2,586	147	1,649	82	2,100	41	1,192	56	Conn.
95,625	2,079	31,826	5,614	24,216	1,116	25,983	612	18,250	2,219	M.A.
48,939	1,179	19,747	4,475	9,984	572	13,028	333	10,230	1,741	N.Y.
15,722	375	5,564	445	4,253	200	4,510	120	3,177	196	N.J.
30,964	525	6,515	694	9,979	344	8,445	159	4,843	231	Pa.
92,285	1,879	28,897	3,306	25,442	972	30,849	564	19,610	973	E.N.C.
24,370	472	7,362	630	7,279	254	8,504	147	5,565	267	Ohio.
13,023	220	2,929	136	3,579	112	4,028	56	2,332	88	Ind.
29,031	634	9,995	1,629	6,678	302	8,351	185	5,192	341	Ill.
18,510	388	6,105	731	5,328	227	6,165	120	4,270	197	Mich.
7,351	165	2,505	179	2,578	77	3,801	55	2,251	80	Wis.
36,987	659	9,521	822	13,967	413	13,866	218	8,638	350	W.N.C.
6,799	139	2,311	276	2,682	93	2,773	46	1,715	78	Minn.
7,373	113	1,562	88	2,706	64	2,958	37	1,599	55	Iowa.
11,131	223	2,998	330	4,034	135	3,427	64	2,163	110	Mo.
1,222	19	229	11	469	10	572	6	362	10	N. Dak.
1,362	20	289	10	609	14	566	7	511	17	S. Dak.
3,944	61	1,048	63	1,554	41	1,648	24	1,029	39	Nebr.
5,156	83	1,084	44	1,913	55	1,922	33	1,259	42	Kans.
58,924	1,208	16,504	1,207	18,869	742	19,279	402	13,175	667	S.A.
1,079	20	270	17	295	13	333	6	272	18	Del.
6,225	151	1,781	230	1,749	121	1,903	45	1,553	111	Md.
2,480	85	1,271	149	574	41	429	18	335	53	D.C.
7,992	173	1,954	130	2,317	84	2,412	47	1,616	65	Va.
3,520	61	649	76	1,037	26	1,065	22	848	40	W. Va.
10,906	196	1,836	92	3,886	118	3,452	55	1,923	68	N.C.
4,940	80	776	41	1,578	47	1,482	23	888	28	S.C.
8,957	168	2,070	159	3,100	112	2,831	58	1,488	69	Ga.
12,825	274	5,897	312	4,333	181	5,372	127	4,252	214	Fla.
26,241	450	5,127	339	8,698	263	8,439	134	4,892	175	E.S.C.
6,804	121	1,402	63	2,254	64	2,285	30	1,497	61	Ky.
8,654	163	1,801	172	2,797	92	2,790	43	1,633	59	Tenn.
6,480	105	1,217	75	2,287	71	1,950	38	1,053	34	Ala.
4,303	61	707	29	1,360	35	1,414	23	709	21	Miss.
40,817	739	11,159	730	15,143	467	14,964	332	7,517	331	W.S.C.
3,968	59	659	26	1,515	40	1,198	18	760	29	Ark.
5,528	103	1,611	123	1,769	66	1,898	58	1,173	68	La.
6,015	98	1,395	85	2,292	69	1,938	44	1,173	45	Okla.
25,306	480	7,494	496	9,567	292	9,930	211	4,411	190	Tex.
15,808	330	6,221	317	6,425	238	6,500	124	4,409	428	Mt.
1,470	24	383	12	553	17	544	8	371	12	Mont.
1,460	23	446	34	615	20	718	9	451	13	Idaho.
823	15	252	6	343	8	455	7	269	9	Wyo.
4,358	88	1,922	97	1,803	69	1,660	34	1,182	66	Colo.
1,891	37	660	36	803	24	749	14	476	21	N. Mex.
2,891	74	1,413	68	1,198	52	1,274	28	752	38	Ariz.
2,024	35	675	41	761	28	788	16	461	28	Utah.
891	33	470	25	349	19	312	8	447	241	Nev.
52,972	1,270	29,475	2,232	19,651	933	18,809	490	13,626	1,290	Pac.
6,441	127	2,627	116	2,602	100	2,704	50	1,754	75	Wash.
3,673	80	1,656	83	1,570	68	1,623	33	1,009	43	Oreg.
41,165	1,025	24,479	1,991	14,881	736	14,025	396	10,225	1,144	Calif.
258	9	207	10	121	5	107	4	153	6	Alaska.
1,435	30	506	31	477	24	350	7	485	22	Hawaii.



No. 1195. SELECTED SERVICES—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1958 AND 1963

[1958 excludes Alaska and Hawaii. For 1958, discrepancies in figures identified after the tabulation process was completed have been corrected only at the level significantly affected; hence, detail may not add to total]

ITEM	1958					1963				
	Estab-lish-ments	Re-ceipts	Pay-rol, entire year	Workweek ended nearest Nov. 15		Estab-lish-ments	Re-ceipts	Pay-rol, entire year	Workweek ended nearest Nov. 15	
				Pay-rol	Paid em-ployees				Pay-rol	Paid em-ployees
	1,000 975	Mil. dol. 32, 376	Mil. dol. 9, 006	Mil. dol. 167	1,000 2, 889	1,000 1, 062	Mil. dol. 44, 586	Mil. dol. 12, 192	Mil. dol. 241	1,000 3, 262
All establishments .....										
RECEIPTS SIZE <sup>1</sup>										
Operated entire year .....	910	30, 726	8, 543	158	2, 692	950	42, 363	11, 632	227	3, 033
With annual receipts of—										
Less than \$9,000 .....	95	21, 999	6, 737	121	1, 896	483	2, 041	254	6	106
\$10,000 to \$14,000 .....	67	2, 538	700	13	266	104	1, 226	211	4	93
\$15,000 to \$19,000 .....	73	1, 743	435	8	177	67	1, 128	234	5	97
\$20,000 to \$29,000 .....	63	1, 061	232	5	103	82	1, 967	464	9	165
\$30,000 to \$49,000 .....	105	1, 234	203	4	109	80	3, 057	817	16	265
\$50,000 to \$99,000 .....	207	1, 380	140	3	96	70	4, 812	1, 435	28	424
\$100,000 or more .....	301	771	95	2	45	64	28, 131	8, 217	159	1, 884
Not operated entire year .....	65	1, 650	463	9	197	111	2, 223	560	14	228
EMPLOYMENT SIZE										
Operated entire year .....	910	30, 726	8, 543	158	2, 692	950	42, 363	11, 632	227	3, 033
With Nov. 15 employment of—										
No paid employee .....	520	3, 515	83	—	—	511	3, 865	166	—	—
1 to 3 paid employees .....	249	4, 982	1, 285	22	459	288	7, 046	1, 570	29	479
4 to 7 paid employees .....	73	3, 716	1, 108	21	375	77	5, 122	1, 430	28	393
8 to 19 paid employees .....	45	5, 083	1, 594	29	531	50	7, 142	2, 155	42	591
20 or more paid employees .....	22	13, 430	4, 473	86	1, 356	25	19, 188	6, 311	127	1, 571
Not operated entire year .....	65	1, 650	463	9	197	111	2, 223	560	14	228
SINGLE UNITS AND MULTIUNITS										
Single units .....	928	23, 224	6, 397	119	2, 167	1, 001	30, 699	8, 308	165	2, 391
2 or 3 establishments .....	23	2, 797	844	16	252	30	4, 188	1, 182	23	271
4 to 10 establishments .....	9	2, 670	651	12	165	13	3, 647	987	19	204
11 establishments or more .....	15	3, 686	1, 115	20	306	19	6, 052	1, 715	33	396
LEGAL FORM OF ORGANIZATION										
Individual proprietorships .....	786	10, 295	2, 224	43	898	824	11, 913	2, 462	49	868
Partnerships .....	97	3, 940	1, 057	20	388	96	3, 995	947	19	309
Corporations .....	91	17, 945	5, 637	103	1, 581	138	28, 342	8, 653	170	2, 057
Cooperatives .....	1	78	38	1	9	1	113	50	1	10
Other legal forms .....	1	117	49	1	13	2	224	80	2	18

- Represents zero.  
<sup>1</sup> Establishments classified by receipts-size group after reported receipts figures had been rounded to nearest \$1,000.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1963*, Vol. VI.

No. 1196. HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1952 TO 1966

[Excludes Alaska and Hawaii. Based on reports from approximately 400 hotels. See *Historical Statistics, Colonial Times to 1957*, series T 361-365, for indexes on a 1929 base]

ITEM	1952	1955	1958	1960	1961	1962	1963	1964	1965	1966
Occupancy ratio .....	76	72	67	65	62	61	60	61	62	63
Sales indexes (1951=100):										
Total sales .....	105	109	113	116	113	112	109	112	115	120
Room sales .....	105	111	117	122	118	117	115	118	123	129
Restaurant sales .....	105	109	112	115	112	112	109	111	112	115
Room rate index (1951=100) .....	106	119	135	144	145	146	146	149	152	157

Source: Horwath & Horwath, New York, N.Y.; annual report, *Hotel Operations*. (Copyright 1966 by Horwath & Horwath.)

## No. 1197. MOTION PICTURE THEATERS—ESTABLISHMENTS, RECEIPTS, PAYROLL, AND EMPLOYEES, BY STATES: 1958 AND 1963

[Receipts and payroll in thousands of dollars. Excludes drive-in theaters]

STATE	1958					1963					
	Estab-lish-ments	Re-ceipts <sup>1</sup>	Pay-roll, entire year	Paid em-ployees, work-week ended nearest Nov. 15	Active proprietors of unincorporated businesses	Estab-lish-ments	Re-ceipts <sup>1</sup>	Pay-roll, entire year	Workweek ended nearest Nov. 15		Active proprietors of unincorporated businesses
									Pay-roll	Paid em-employees	
U.S. <sup>2</sup> ...	12, 291	938, 164	224, 423	117, 587	7, 767	9, 150	807, 596	201, 132	3, 777	89, 999	5, 331
N.E.	634	51, 105	13, 128	6, 749	201	460	41, 810	10, 691	204	5, 084	165
Maine.....	84	3, 476	892	580	39	63	2, 198	601	11	336	35
N.H.....	65	2, 384	575	350	28	37	1, 573	413	8	253	15
Vt.....	36	1, 125	254	173	18	36	1, 142	275	7	208	26
Mass.....	267	27, 554	6, 939	3, 344	67	190	22, 461	5, 675	107	2, 635	48
R.I.....	35	3, 662	968	474	6	29	3, 276	879	18	403	8
Conn.....	147	12, 904	3, 500	1, 828	43	105	11, 160	2, 848	53	1, 249	33
M.A.	1, 850	236, 865	61, 070	26, 657	732	1, 542	212, 650	57, 461	1, 070	21, 011	568
N.Y.....	892	156, 600	41, 344	16, 385	216	788	142, 638	40, 045	740	12, 842	182
N.J.....	272	30, 886	7, 615	3, 583	61	233	29, 991	7, 514	143	3, 199	46
Pa.....	686	49, 379	12, 111	6, 689	455	516	40, 021	9, 902	187	4, 970	340
E.N.C.	2, 038	161, 920	40, 428	20, 641	1, 347	1, 485	126, 078	32, 807	606	14, 996	924
Ohio.....	523	38, 416	10, 314	5, 434	272	374	28, 983	8, 018	152	3, 881	162
Ind.....	271	17, 581	4, 542	2, 430	186	187	12, 666	3, 199	59	1, 659	131
Ill.....	529	56, 330	13, 965	6, 252	363	393	45, 495	12, 080	216	4, 614	253
Mich.....	418	34, 510	7, 972	4, 265	325	298	25, 780	6, 062	116	3, 084	234
Wis.....	297	15, 083	3, 635	2, 260	201	233	13, 154	3, 448	63	1, 758	144
W.N.C.	1, 606	68, 246	15, 817	10, 338	1, 318	1, 119	57, 359	13, 580	255	7, 697	855
Minn.....	363	17, 427	4, 208	2, 387	302	245	14, 152	3, 699	66	1, 738	175
Iowa.....	261	11, 057	2, 551	1, 856	217	198	9, 664	2, 330	43	1, 458	148
Mo.....	318	18, 049	4, 662	2, 684	237	214	15, 328	3, 549	70	1, 985	155
N. Dak.....	115	3, 246	580	497	116	90	2, 632	495	9	355	86
S. Dak.....	122	3, 172	551	466	123	87	2, 542	520	10	367	79
Nebr.....	196	5, 894	1, 348	1, 008	163	143	6, 241	1, 489	27	871	107
Kans.....	231	9, 401	1, 917	1, 440	160	142	6, 800	1, 498	30	923	105
S.A.	1, 766	122, 228	27, 221	15, 968	1, 019	1, 244	98, 629	23, 183	436	11, 651	645
Del.....	32	2, 075	483	279	13	25	1, 597	388	7	208	12
Md.....	186	16, 009	4, 363	2, 471	75	129	12, 738	3, 421	65	1, 647	51
D.C.....	50	9, 951	2, 371	970	14	45	8, 899	2, 140	42	706	11
Va.....	255	16, 267	3, 576	2, 220	130	180	11, 714	3, 064	57	1, 670	87
W. Va.....	189	6, 855	1, 662	1, 124	134	115	4, 120	1, 033	20	645	81
N.C.....	346	19, 488	4, 129	2, 577	182	218	13, 254	3, 186	61	1, 823	106
S.C.....	166	7, 462	1, 598	1, 084	124	104	5, 826	1, 402	25	731	61
Ga.....	247	15, 997	3, 346	2, 080	193	195	15, 876	3, 316	63	1, 796	129
Fla.....	295	28, 124	5, 693	3, 163	154	233	24, 605	5, 233	96	2, 425	107
E.S.C.	856	42, 122	9, 670	6, 100	657	523	30, 345	7, 180	132	3, 887	375
Ky.....	221	9, 417	2, 204	1, 435	179	142	6, 882	1, 817	34	910	105
Tenn.....	213	12, 777	3, 160	1, 811	100	131	9, 715	2, 232	41	1, 204	48
Ala.....	197	11, 681	2, 600	1, 599	177	121	7, 699	1, 814	33	991	90
Miss.....	225	8, 247	1, 706	1, 255	201	129	6, 049	1, 317	24	782	132
W.S.C.	1, 565	83, 929	17, 866	11, 016	1, 146	1, 066	69, 454	15, 576	294	8, 408	734
Ark.....	178	6, 811	1, 466	1, 084	138	119	5, 340	1, 145	23	773	91
La.....	276	15, 299	3, 159	2, 114	194	169	11, 821	2, 613	49	1, 424	83
Okla.....	269	12, 454	2, 454	1, 555	213	174	9, 111	1, 955	40	1, 223	128
Tex.....	842	49, 365	10, 787	6, 263	601	604	43, 182	9, 863	182	4, 988	432
Mt.	679	40, 677	8, 626	5, 595	524	535	35, 370	7, 675	150	4, 313	358
Mont.....	105	4, 893	997	734	105	95	3, 351	711	14	456	81
Idaho.....	83	3, 551	756	625	78	67	2, 575	596	11	407	61
Wyo.....	47	2, 466	652	386	36	37	1, 787	365	8	279	30
Colo.....	149	9, 923	2, 081	1, 179	100	115	9, 687	2, 074	39	1, 024	71
N. Mex.....	97	6, 209	1, 252	806	58	62	4, 388	984	19	638	19
Ariz.....	76	5, 505	1, 230	749	28	58	5, 244	1, 255	26	635	15
Utah.....	95	5, 769	1, 129	841	100	77	5, 603	1, 125	20	638	67
Nev.....	27	2, 361	529	275	19	24	2, 735	565	13	236	14
Pac. <sup>2</sup>	1, 297	131, 072	30, 597	14, 523	823	1, 176	135, 901	32, 979	630	12, 952	707
Wash.....	226	13, 534	3, 139	1, 919	185	157	12, 324	3, 055	56	1, 456	119
Oreg.....	168	8, 683	2, 056	1, 188	154	137	6, 995	1, 790	35	982	118
Calif.....	903	108, 855	25, 402	11, 416	484	784	108, 991	26, 319	506	9, 722	426
Alaska.....	28	(D)	(D)	(D)	(D)	29	1, 509	315	6	144	13
Hawaii.....	70	6, 422	1, 345	748	32	69	6, 082	1, 500	27	648	31

D Withheld to avoid disclosure. <sup>1</sup> Includes admissions taxes.<sup>2</sup> 1958 excludes Alaska and Hawaii.

Source: Dept. of Commerce, Bureau of the Census; U.S. Census of Business: 1963, Vol. VII.



No. 1198. HOTELS—SUMMARY, 1954, 1958, AND 1963, AND BY SIZE, 1958 AND 1963

[Prior to 1963, excludes Alaska and Hawaii. Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public]

ITEM	Hotels	Guest rooms	Receipts (\$1,000)	Paid employees <sup>1</sup>	Payroll (\$1,000)
All hotels:					
1954.....	24, 778	(NA)	2, 404, 529	377, 230	802, 965
1958.....	29, 203	(NA)	2, 794, 015	403, 789	956, 667
1963.....	22, 692	(NA)	3, 005, 692	361, 842	1, 035, 117
Year-round hotels (with payroll) with 25 or more guest rooms:					
1954.....	11, 367	1, 092, 470	2, 075, 194	354, 563	723, 715
1958.....	11, 140	1, 096, 558	2, 362, 860	361, 464	851, 695
1963.....	10, 234	956, 799	2, 520, 410	323, 134	908, 783
	HOTELS BY SIZE-CLASS				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms or more
1958					
Number of hotels with payroll.....	5, 600	4, 903	3, 376	2, 308	554
Receipts.....\$1,000.....	119, 210	174, 983	293, 422	753, 657	1, 141, 021
Paid employees.....	19, 375	23, 943	49, 448	126, 441	156, 764
1963					
Number of hotels with payroll.....	5, 138	4, 602	3, 077	2, 048	507
Receipts.....\$1,000.....	139, 334	156, 166	206, 162	320, 096	274, 375
Paid employees.....	17, 394	24, 614	42, 772	106, 228	154, 520

NA Not available. <sup>1</sup> Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. Represents number of employees for workweek ended nearest Nov. 15.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Business: 1954*, Vol. V; *1958*, Vol. V; and *1963*, Vol. VI.

No. 1199. ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1940 TO 1966

[1957-59=100. Based on the average monthly expenditure for those media which give national coverage]

MEDIUM	1940	1945	1950	1955	1960	1962	1963	1964	1965	1966
General index.....	19	34	55	87	109	114	118	127	136	148
Total magazines.....	24	45	63	89	115	119	127	136	147	159
Weekly.....	23	42	58	88	116	115	119	129	135	149
Women's.....	30	60	80	100	114	124	135	143	167	174
General.....	20	35	52	79	119	134	146	155	168	183
Farm.....	34	58	105	110	90	88	92	95	107	105
Network radio.....	206	359	356	153	78	83	102	107	109	118
Network television.....	-	-	12	76	111	138	165	160	175	194
Newspapers.....	20	26	67	93	104	98	95	106	108	119
Outdoor.....	25	38	73	99	104	88	88	89	92	91
Business papers.....	14	37	45	81	110	108	111	114	121	128

- Represents zero.  
Source: Compiled by McCann-Erickson, Inc., for Decker Communications, Inc., New York, N.Y. In *Printers' Ink* magazine.

No. 1200. ADVERTISING—ESTIMATED EXPENDITURES: 1935 TO 1966

[In millions of dollars]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1935.....	1, 690	859	831	1946.....	3, 364	1, 963	1, 401	1957.....	10, 311	6, 253	4, 057
1936.....	1, 902	1, 003	899	1947.....	4, 260	2, 487	1, 772	1958.....	10, 302	6, 331	3, 971
1937.....	2, 072	1, 103	969	1948.....	4, 864	2, 776	2, 088	1959.....	11, 255	6, 835	4, 420
1938.....	1, 904	1, 031	873	1949.....	5, 202	2, 965	2, 237	1960.....	11, 932	7, 296	4, 636
1939.....	1, 980	1, 086	895	1950.....	5, 710	3, 257	2, 453	1961.....	11, 845	7, 253	4, 592
1940.....	2, 088	1, 163	925	1951.....	6, 426	3, 701	2, 725	1962.....	12, 381	7, 661	4, 720
1941.....	2, 236	1, 259	977	1952.....	7, 156	4, 096	3, 060	1963.....	13, 107	8, 124	4, 983
1942.....	2, 156	1, 212	944	1953.....	7, 755	4, 521	3, 235	1964.....	14, 155	8, 713	5, 442
1943.....	2, 496	1, 452	1, 045	1954.....	8, 164	4, 812	3, 352	1965.....	15, 255	9, 365	5, 890
1944.....	2, 724	1, 669	1, 054	1955.....	9, 194	5, 407	3, 788	1966 (prel.).....	16, 545	10, 075	6, 470
1945.....	2, 875	1, 775	1, 099	1956.....	9, 905	5, 926	3, 979				

Source: Compiled by McCann-Erickson, Inc., for Decker Communications, Inc., New York, N.Y. In *Printers' Ink* magazine.

**No. 1201. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1950 TO 1966**  
 [In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1957*, series R 99-102, R 110-113, and T 346-351]

MEDIUM	1950		1955		1960		1964		1965		1966 (prel.)	
	Expenditures	Percent of total	Expenditures	Percent of total	Expenditures	Percent of total	Expenditures	Percent of total	Expenditures	Percent of total	Expenditures	Percent of total
<b>Total</b> .....	5,710	100.0	9,194	100.0	11,932	100.0	14,155	100.0	15,255	100.0	16,545	100.0
National.....	3,257	57.0	5,407	58.8	7,296	61.1	8,713	61.6	9,365	61.4	10,075	60.9
Local.....	2,453	43.0	3,788	41.2	4,636	38.9	5,442	38.4	5,890	38.6	6,470	39.1
Newspapers.....	2,076	36.3	3,088	33.6	3,703	31.0	4,148	29.3	4,457	29.2	4,876	29.5
National.....	533	9.3	743	8.1	836	7.0	848	6.0	869	5.7	956	5.8
Local.....	1,542	27.0	2,345	25.5	2,867	24.0	3,300	23.3	3,587	23.5	3,920	23.7
Radio.....	605	10.6	545	5.9	692	5.8	846	6.0	917	6.0	1,001	6.1
Network.....	196	3.4	84	0.9	43	0.4	59	0.4	60	0.4	65	0.4
Spot.....	136	2.4	134	1.5	222	1.8	251	1.8	268	1.7	294	1.8
Local.....	273	4.8	326	3.5	428	3.6	536	3.8	589	3.9	642	3.9
Television.....	171	3.0	1,025	11.1	1,590	13.3	2,289	16.2	2,515	16.5	2,765	16.7
Network.....	85	1.5	540	5.9	783	6.6	1,132	8.0	1,237	8.1	1,373	8.3
Spot.....	31	0.5	260	2.8	527	4.4	780	5.5	866	5.7	931	5.6
Local.....	55	1.0	225	2.4	281	2.3	377	2.7	412	2.7	461	2.8
Magazines.....	515	9.0	729	7.9	941	7.9	1,107	7.8	1,199	7.9	1,295	7.8
Weeklies.....	261	4.6	396	4.3	525	4.4	583	4.1	610	4.0	671	4.1
Women's.....	129	2.3	161	1.8	184	1.5	231	1.6	269	1.8	280	1.7
Monthlies.....	88	1.5	133	1.4	200	1.7	260	1.9	282	1.9	308	1.8
Farm, nat'l.....	37	0.6	39	0.4	32	0.3	33	0.2	37	0.2	37	0.2
Farm papers.....	21	0.4	34	0.4	35	0.3	33	0.2	34	0.2	34	0.2
Direct mail.....	803	14.1	1,299	14.1	1,830	15.3	2,184	15.4	2,324	15.2	2,454	14.8
Business papers.....	251	4.4	446	4.9	609	5.1	623	4.4	671	4.4	712	4.3
Outdoor.....	143	2.5	192	2.1	203	1.7	175	1.2	180	1.2	181	1.1
National.....	96	1.7	130	1.4	137	1.1	117	0.8	120	0.8	119	0.7
Local.....	46	0.8	63	0.7	66	0.6	58	0.4	60	0.4	62	0.4
Transit.....	(1)	(1)	(1)	(1)	(1)	(1)	30	0.2	33	0.2	34	0.2
National.....	(1)	(1)	(1)	(1)	(1)	(1)	15	0.1	17	0.1	18	0.1
Local.....	(1)	(1)	(1)	(1)	(1)	(1)	16	0.1	16	0.1	16	0.1
Miscellaneous.....	11,125	19.7	11,836	20.0	12,328	19.6	2,720	19.3	2,926	19.2	3,193	19.3
National.....	1,610	10.7	1,040	11.3	1,368	11.5	1,598	11.3	1,733	11.4	1,859	11.2
Local.....	1,515	9.0	1,796	8.7	1,960	8.1	1,122	8.0	1,193	7.8	1,334	8.1

<sup>1</sup> "Transit" included in "Miscellaneous."

Source: Compiled by McCann-Erickson, Inc., for Decker Communications, Inc., New York, N.Y. In *Printers' Ink* magazine.

**No. 1202. NEWSPAPER ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING, BY TYPE OF PRODUCT: 1960, 1965, AND 1966**

[In thousands of dollars. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers. Excludes production costs]

TYPE OF PRODUCT	1960	1965	1966	TYPE OF PRODUCT	1960	1965	1966
<b>Total</b> .....	782,149	813,329	911,744	Housing equipment.....	17,166	15,471	18,540
Automotive.....	196,685	239,682	269,106	Toilet requisites.....	29,465	15,873	18,347
Passenger cars (new).....	113,963	129,748	152,531	Insurance.....	17,008	16,651	17,618
Foods.....	138,090	104,968	115,947	Tobacco.....	35,031	10,822	16,550
Baking products.....	18,603	12,065	10,648	Cigarettes.....	31,907	8,314	13,754
Beverages.....	21,961	17,493	18,954	Medical.....	23,653	17,214	16,270
Alcoholic beverages.....	62,276	69,781	71,122	Industrial.....	16,471	14,649	15,094
Liquors.....	48,014	57,863	59,928	Wearing apparel.....	10,818	14,687	13,735
Transportation.....	52,547	62,014	64,933	Farm and garden.....	9,450	10,508	12,653
Airways.....	31,508	38,901	41,058	Household furniture and furnishings.....	4,812	6,988	10,272
Publishing and media.....	48,652	59,623	60,413	Sporting goods, cameras, and photo. supplies.....	7,395	6,232	7,297
Books.....	11,444	18,663	19,932	Professional and service.....	1,575	3,034	5,295
Radio and TV stations.....	22,323	29,782	29,867	Jewelry and silverware.....	1,737	2,638	3,393
Public utilities.....	23,340	30,877	31,197	Educational.....	2,281	2,854	3,369
Hotels and resorts.....	20,903	25,967	26,638	Amusements.....	2,167	2,648	2,601
Radio, TV, and phonographs.....	8,620	16,929	24,568	Miscellaneous.....	32,313	43,121	63,336
Household supplies.....	19,694	20,098	23,450				

Source: Compiled by Media Records, Inc., for Bureau of Advertising of the American Newspaper Publishers Association, Inc., New York, N.Y.



No. 1203. NEWSPAPER ADVERTISING—LINAGE FOR 52 CITIES: 1930 TO 1966

[In thousands of lines. Represents linage in all daily and Sunday papers for the same 52 selected cities]

MONTHLY AVERAGE	Total	Classified	DISPLAY				
			Total	Auto- motive	Financial	General <sup>1</sup>	Retail
1930.....	137,854	24,913	112,941	8,932	4,938	25,254	73,817
1940.....	105,719	21,901	83,818	5,167	1,619	15,719	61,313
1950.....	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1955.....	236,950	58,705	178,245	15,919	3,383	31,350	127,592
1960.....	240,718	61,268	179,450	13,767	4,519	28,808	132,356
1964.....	247,789	65,595	182,194	13,311	5,072	24,379	139,432
1965.....	263,715	72,136	191,579	14,197	5,279	24,044	148,058
1966.....	279,521	77,021	202,500	15,241	6,099	25,857	155,303

<sup>1</sup> Advertising of specific products on general sale, as distinguished from the advertising of retail stores, and auto-motive or financial advertising.

Source: Compiled by Media Records, Inc. Current data in Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

No. 1204. MAGAZINE ADVERTISING—REVENUE, BY TYPE OF PRODUCT: 1950 TO 1966

[In thousands of dollars. Represents advertising revenue of general magazines and national farm magazines. Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1950	1955	1960	1963	1964	1965	1966
Revenue.....	458,451	657,333	853,165	930,882	996,593	1,083,348	1,166,678
Apparel, footwear and accessories.....	39,038	51,143	56,684	57,345	62,003	64,818	68,113
Automotive, incl. accessories and equip.....	41,969	61,054	93,626	101,796	110,595	112,208	123,526
Beer, wine, and liquor.....	26,581	34,442	50,865	56,440	58,117	69,527	79,205
Building materials, equipment and fixtures.....	20,064	33,301	35,840	26,546	27,071	32,194	34,533
Consumer services.....	11,876	23,167	39,843	46,827	50,471	57,739	64,754
Drugs and remedies.....	12,774	19,164	29,131	36,981	39,912	40,561	44,474
Food and food products.....	53,591	77,610	104,046	109,370	112,082	112,592	104,966
Household equipment and supplies.....	34,326	38,747	37,118	36,482	41,850	38,585	40,884
Household furnishings.....	24,820	30,630	30,400	29,733	29,713	36,167	39,166
Industrial materials.....	24,490	49,267	55,429	45,095	48,526	46,523	53,255
Insurance.....	8,450	16,596	26,050	27,982	30,992	32,250	30,095
Smoking materials.....	12,997	17,308	26,187	35,931	38,208	41,887	39,559
Toiletries and toilet goods.....	37,541	40,585	50,889	59,393	68,898	77,308	89,953
Travel, hotels and resorts.....	12,746	19,753	29,241	38,711	39,713	46,256	52,517
All other (incl. retail and direct-mail).....	97,188	144,566	187,816	222,200	238,442	274,733	301,678

Source: Publishers Information Bureau, Inc., New York, N.Y.; unpublished data.

No. 1205. TELEVISION ADVERTISING—NET TIME AND PROGRAM COSTS FOR NETWORK ADVERTISING: 1964 TO 1966

[In thousands of dollars. Covers national networks; excludes national and regional spot advertising (see table 1206). Basically, net time and program costs are estimates of the gross sales of time less volume and frequency discounts earned by the advertisers plus program production and talent costs incurred by the advertisers]

TYPE OF PRODUCT	1964	1965	1966
Net time and program costs.....	1,145,890	1,260,320	1,411,290
Apparel, footwear, and accessories.....	12,707	18,208	26,840
Automotive, including accessories and equipment.....	99,132	106,657	106,657
Beer and wine.....	15,408	20,366	20,007
Confectionery and soft drinks.....	20,170	29,649	36,520
Drugs and remedies.....	136,057	144,248	168,121
Food and food products.....	189,308	205,119	237,456
Gasoline, lubricants, and other fuel.....	25,504	23,234	19,129
Household equipment and supplies.....	40,038	44,027	49,444
Household furnishings.....	5,222	7,896	2,793
Insurance.....	19,105	15,202	20,347
Radios, TV sets, phonographs, musical instruments, and accessories.....	8,917	13,860	22,274
Smoking materials.....	146,828	145,427	160,616
Soaps, cleansers, and polishes.....	103,248	112,011	131,504
Toiletries and toilet goods.....	224,544	264,975	261,650
All other.....	102,319	116,966	147,932

Source: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Leading National Advertisers, Inc., and Broadcast Advertisers Reports, Inc., New York, N.Y.

# No. 1206. TELEVISION ADVERTISING—GROSS TIME CHARGES FOR SPOT ADVERTISING: 1964 to 1966

[In thousands of dollars. Spot television advertising, as distinguished from network advertising in table 1205, is defined as any television activity (announcement, identification, participation, or program) sponsored by a national or regional advertiser, and selected and bought on a station-by-station basis. Includes announcements between both network and nonnetwork programs as well as complete programs. Each commercial is locally originated, whereas network programs and commercials are centrally originated]

TYPE OF PRODUCT	1964	1965	1966	TYPE OF PRODUCT	1964	1965	1966
<b>Grosstime charges.</b>	<b>1,016,009</b>	<b>1,075,500</b>	<b>1,189,346</b>	<b>Food and grocery products.</b>	<b>250,756</b>	<b>264,146</b>	<b>286,210</b>
Ale, beer, and wine	78,000	72,943	80,878	Gasoline and lubricants	32,699	38,731	48,328
Automotive	38,539	38,942	54,099	Household equipment and supplies	137,413	144,440	154,537
Clothing, furnishings, accessories	14,068	11,181	15,601	Household furnishings	2,206	2,442	2,731
Confections and soft drinks	101,930	113,544	127,996	Tobacco products and supplies	50,164	48,659	51,029
Consumer services	32,641	27,544	35,790	Transportation and travel	17,293	21,813	30,461
Cosmetics and toiletries	103,812	102,237	100,974	Watches, jewelry, cameras	4,764	3,970	4,774
Dental products	18,927	28,999	37,833	All other	62,612	79,739	77,501
Drug products	70,185	76,170	80,604				

Source: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Leading National Advertisers, Inc., New York, N.Y.

# No. 1207. ACTIVE CORPORATION EXPENDITURES FOR ADVERTISING, COMPARED WITH RECEIPTS, BY INDUSTRY: 1964

[Money figures in millions of dollars. Compiled from corporation income tax returns, excluding returns of inactive corporations. For total compiled receipts, see table 561. See headnotes and footnotes, table 561]

INDUSTRY	Receipts <sup>1</sup>	ADVERTISING EXPENDITURES		INDUSTRY	Receipts <sup>1</sup>	ADVERTISING EXPENDITURES	
		Amount	Percent of receipts			Amount	Percent of receipts
<b>Total</b>	<b>1,062,986</b>	<b>12,058</b>	<b>1.1</b>	<b>Transportation, comm.<sup>4</sup></b>	<b>79,450</b>	<b>413</b>	<b>0.5</b>
Agric., for., and fisheries	5,966	27	0.5	Transportation	35,874	203	0.6
Mining	12,709	22	0.2	Other	43,576	210	0.5
Construction	48,776	97	0.2	<b>Wholesale and retail trade</b>	<b>329,056</b>	<b>3,472</b>	<b>1.1</b>
Manufacturing	453,157	6,605	1.5	Wholesale trade	157,538	759	0.5
Food and kindred prod., incl. beverages	69,691	1,820	2.6	Retail trade	168,017	2,668	1.6
Tobacco manufactures	5,406	328	6.1	Food stores	39,338	520	1.3
Textile mill products	17,217	90	0.5	General merchandise stores	33,924	940	2.8
Apparel and other fab. textile products	15,679	146	0.9	Apparel and accessory stores	9,682	219	2.3
Lumber and wood prod., exc. furniture	9,245	38	0.4	Auto. dealers <sup>5</sup>	43,076	396	0.9
Furniture and fixtures	5,674	62	1.1	Other	41,998	595	1.4
Paper and allied prod.	14,093	113	0.8	Wholesale and retail trade not allocable	3,501	44	1.3
Printing, publishing, and allied indus.	17,306	211	1.2	Fin., ins., and real estate	101,297	814	0.8
Chem. and allied prod.	34,468	1,507	4.4	Banks and trust companies	18,270	256	1.4
Petroleum refining and related indus.	44,861	247	0.6	Insurance carriers	50,918	139	0.3
Rubber and misc. plastics products	9,100	172	1.9	Real estate	12,300	177	1.4
Leather and leather products	4,686	56	1.2	Other	19,809	242	1.2
Stone, clay, and glass products	12,385	92	0.7	<b>Services</b>	<b>32,487</b>	<b>609</b>	<b>1.9</b>
Primary metal industries	33,734	113	0.3	Hotels, rooming houses, etc.	3,196	78	2.4
Fabricated metal prod. <sup>2</sup>	24,513	223	0.9	Personal services	4,364	66	1.5
Machinery, exc. elect.	34,434	316	0.9	Business services	10,949	206	1.9
Electrical mchy., equip., and supplies	29,772	444	1.5	Auto., other rep. serv.	4,053	40	1.0
Transportation equip., exc. motor vehicles	21,034	51	0.2	Motion pictures	2,918	93	3.2
Motor veh. and equip.	35,531	230	0.6	Amusement and rec. services <sup>6</sup>	2,646	75	2.8
Scientific instr.; photo. equip. <sup>3</sup>	7,212	196	2.7	Other services	4,360	51	1.2
Other manufacturing indus. (incl. ord.)	7,116	149	2.1	Nature of business not allocable	87	1	1.1

<sup>1</sup> Comprises total receipts (including investment income) for finance, insurance, and real estate industries, and business receipts for all other industries. <sup>2</sup> Excludes machinery and transportation equipment.

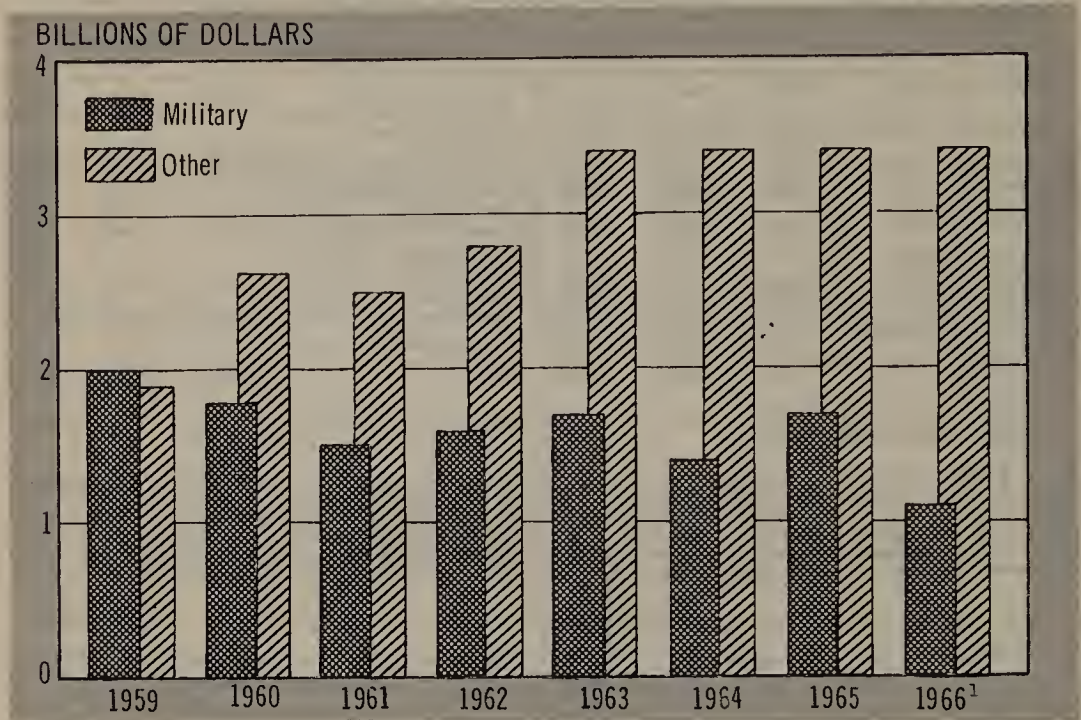
<sup>3</sup> Includes watches and clocks. <sup>4</sup> Includes electric, gas, and sanitary services.

<sup>5</sup> Includes gasoline service stations. <sup>6</sup> Excludes motion pictures.

Source: Treasury Dept., Internal Revenue Service; *Statistics of Income, 1964, Corporation Income Tax Returns.*

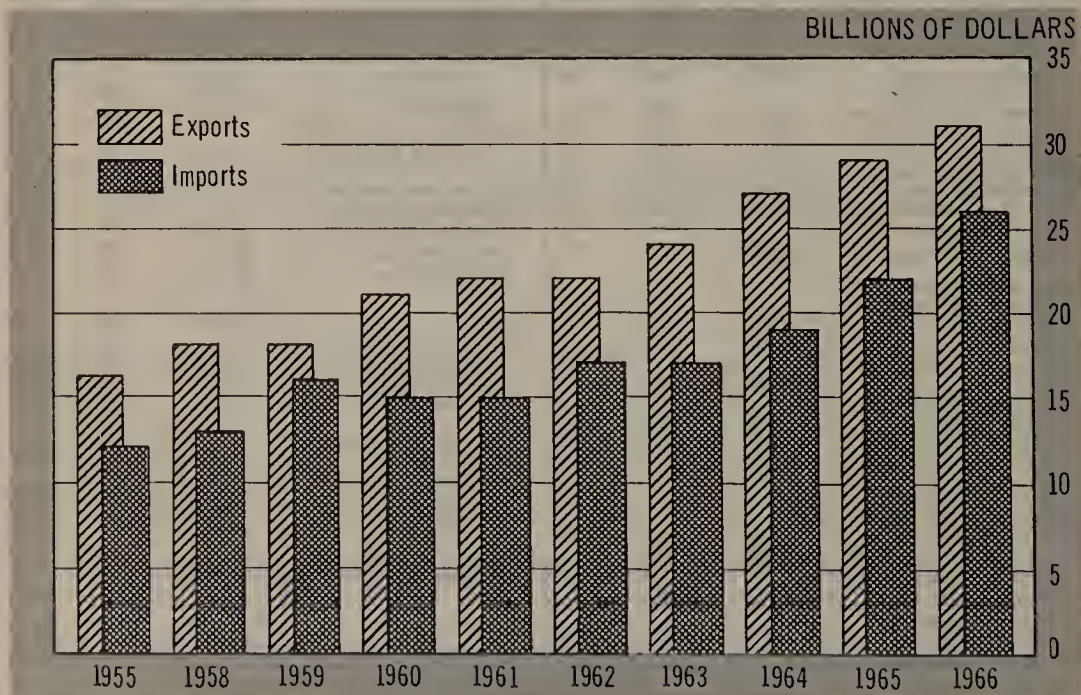


FIG. LI. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE: 1959 TO 1966  
[See table 1219]



Preliminary.  
Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Commerce, Office of Business Economics.

FIG. LII. EXPORTS AND IMPORTS OF MERCHANDISE, GOLD, AND SILVER: 1955 TO 1966  
[See table 1223]



Source: Dept. of Commerce, Bureau of the Census.

## Section 31

### Foreign Commerce and Aid

This section presents measures of the flow of goods, precious metals, services, and funds between the United States and other countries. These measures appear in summary in the balance of payments and in detail as dollar values of imports and exports of merchandise or commodities classified by countries of their origin or destination. Related aspects also shown are international investments, foreign assistance programs, and import duties.

The Office of Business Economics compiles and publishes current figures on the U.S. balance of payments and international investment position in its monthly *Survey of Current Business*, and on total foreign aid by the Federal Government in its periodic *Foreign Grants and Credits by the United States Government*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition. Statistics for the foreign aid programs are presented by the Agency for International Development in its quarterly *Operations Report* and annual report, *U.S. Economic Programs Administered by the Agency for International Development and Predecessor Agencies*, and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*.

The principal sources of import and export data are publications of the Bureau of the Census. Current data (through 1966) are presented monthly in Report FT 125, *United States Imports of Merchandise for Consumption*, and in Report FT 410, *United States Exports, Commodity by Country*. Historical data appear in *Foreign Commerce and Navigation of the United States*, issued annually through 1946 and resumed, on an annual basis in 1965, with a volume covering the years 1946 to 1963. For a complete list of the Bureau's monthly, quarterly, and annual reports in this field, consult the *Bureau of the Census Catalog*. In addition, the Bureau of International Commerce and the Office of Business Economics present summary and selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

**International accounts and foreign aid.**—The balance of payments table shows for given time periods the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world or between the United States and a specific country or area.

The international investment position table presents for specific dates the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are: Changes in the valuation of assets or liabilities, including securities; defaults; expropriations; write-offs; and reinvested earnings of subsidiaries operating abroad and of foreign subsidiaries operating in the United States.

Foreign assistance is divided into three major categories—grants (military supplies and services, and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). The U.S. Government's capital investments in the international financial institutions constitute an additional measure taken by the Government to promote foreign economic recovery, development, and financial stability.

*Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan



disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. In some instances assistance has been given with the understanding that a decision as to repayment will be made at a later date; such assistance is included in grants. At such time as an agreement is reached for repayment over a period of years, a credit is established. Such credits cannot, as a rule, be deducted from specific grants recorded in previous periods; an adjustment for grants converted into credits is made at the time of agreement. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies, (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in *Foreign Grants and Credits by the United States Government* are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include: Contributions to the multilateral construction program of the North Atlantic Treaty Organization; Government investments in certain productive enterprises abroad; Government receipts on funded claims; and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as by collection of principal and interest and by purchase for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized by the Congress in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries (e.g., Korea, Nationalist Government of China, etc.). In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Figures on activity under the Foreign Assistance Act as reported in *Foreign Grants and Credits* differ from similar data published by the Agency for International Development or its immediate predecessors, the International Cooperation Administration and the Development Loan Fund (now combined in the AID), due largely to differences in method of reporting, timing, and treatment of particular items.

**Foreign trade.**—Export data are compiled by the Bureau of the Census from Shippers' Export Declarations which exporters are required to file with customs officials for shipments leaving the United States. Export data include shipments made after World War II under the Department of the Army Civilian Supply Program only for 1948 and subsequent years. In addition, export data include United States exports under the Lend-Lease, United Nations Relief and Rehabilitation Administration, International Cooperation Administration, Mutual Defense Assistance, and other mutual security programs. Shipments to United States Armed Forces for their own use are not included in export statistics for any period.

Export values are based on the selling price (or on the cost, if not sold) of the commodity shipped and include inland freight, insurance, and other charges to place of export. Transportation and other costs beyond the United States port of exportation are excluded. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured. In the event the exporter does not have definite information as to the country of ultimate destination for a shipment, it is credited (for statistical purposes) to the country to which it is consigned.

Certain export commodity classifications were grouped for security reasons into special categories beginning with May 1949, with periodic amendments to include additional commodities or to remove commodities from the special category list as the result of the relaxation of security restrictions for individual commodities. With the adoption of new security regulations, effective July 1950, the publication of the country of destination and customs district detail for the special category commodities and groups was discontinued. Data for special category commodities are included, however, in all total export statistics.

Shipments individually valued at less than \$100 are not classified by commodity, but are included in exports with "other transactions." From July 1953, through December 1959, a 10-percent sample was the basis for data on export shipments individually valued from \$100 to \$499 (about 4 to 6 percent of total exports) except that, for January through June 1956, the 10 percent applied to shipments valued up to \$999. Beginning January 1960, the sample ratio was increased to 50 percent for all countries except Canada. Effective January 1963, the 10-percent sample for Canada was applied to shipments individually valued from \$100 to \$1,999. In most cases, the sampling error in individual export totals is probably less than 5 percent.

Import data are compiled by the Bureau of the Census from import entries (various customs forms) which importers are required to file with customs officials for each shipment arriving. Import values are, in general, based on market or selling price excluding import duties and are f.o.b. the exporting country. The country of origin is defined as the country in which the merchandise was grown, mined, or manufactured. If the importer cannot obtain information as to the country of origin, the merchandise is credited (for statistical purposes) to the country of shipment.

Imports are classified either as general imports or imports for consumption. General imports represent total arrivals of imported goods (except for in-transit shipments), that is, merchandise entered for immediate consumption ("duty free" merchandise, merchandise on which duty is paid on arrival, and merchandise entered into bonded customs manufacturing warehouses for processing and subsequent export of the main product) plus merchandise entered into bonded customs storage warehouses and into bonded customs smelting and refining warehouses. Imports for consumption are the total of entries for immediate consumption plus merchandise withdrawn from bonded storage warehouses for consumption, withdrawn from bonded smelting and refining warehouses, and transferred from bonded storage warehouses to bonded manufacturing warehouses for manufacturing and export.

Beginning 1954, estimates of imports valued at \$250 or less are based on a 5-percent sample; and beginning 1958, estimates of imports valued under \$100 reported on formal consumption entries and imports reported on informal entries (limited to \$250) are based on a 1-percent sample. Beginning July 1965, formal entry shipments valued at \$250 and under are also estimated from a 1-percent sample. These estimated low-value shipments are included in commodity and country exports with "other transactions." The total value of the estimated low-value shipments generally amounts to less than 2 percent of the monthly import total.

A description of the procedures used for compiling the foreign trade statistics appears in Report FT 125, *United States Imports of Merchandise for Consumption*, and Report FT 410, *United States Exports, Commodity by Country*.

Data relating to United States airborne and waterborne foreign commerce are presented in section 22, Transportation—Air and Water.

**Area coverage.**—The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and for 1935 through 1939, the Virgin Islands.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.



## No. 1208. BALANCE OF PAYMENTS: 1960 TO 1966

[In millions of dollars. Minus sign (—) denotes debits]

TYPE OF TRANSACTION	1960	1961	1962	1963	1964	1965	1966
<b>Recorded receipts</b> -----	<b>30,011</b>	<b>32,021</b>	<b>34,118</b>	<b>35,480</b>	<b>39,676</b>	<b>41,717</b>	<b>46,305</b>
Exports of goods and services-----	29,009	30,040	31,817	33,821	38,288	40,621	(NA)
Excluding military grants-----	27,244	28,575	30,278	32,339	36,958	38,993	42,910
Merchandise, excluding military-----	19,489	19,954	20,604	22,071	25,297	26,276	29,180
Military grants-----	1,765	1,465	1,539	1,482	1,330	1,628	(NA)
Transportation-----	1,752	1,805	1,964	2,115	2,324	2,415	2,585
Foreign travel in U.S.-----	875	885	878	934	1,095	1,212	1,417
Income on U.S. investments abroad-----	3,350	3,941	4,425	4,654	5,392	5,901	6,180
Other-----	1,778	1,990	2,407	2,565	2,850	3,189	3,548
Repayments on Government loans-----	636	1,274	1,280	970	703	902	1,227
Foreign capital other than liquid funds-----	366	707	1,021	689	685	194	2,168
<b>Recorded payments (—)</b> -----	<b>—32,951</b>	<b>—33,385</b>	<b>—35,162</b>	<b>—37,798</b>	<b>—41,463</b>	<b>—42,625</b>	<b>—47,140</b>
Imports of goods and services-----	—23,198	—22,954	—25,148	—26,442	—28,468	—32,036	—37,614
Merchandise, excluding military-----	—14,732	—14,510	—16,187	—16,992	—18,621	—21,488	—25,507
Military expenditures-----	—3,069	—2,981	—3,083	—2,936	—2,834	—2,881	—3,649
Transportation-----	—1,915	—1,943	—2,128	—2,316	—2,462	—2,691	—2,903
U.S. travel abroad-----	—1,732	—1,735	—1,885	—2,090	—2,201	—2,400	—2,623
Income on foreign investments in U.S.-----	—999	—934	—1,056	—1,271	—1,404	—1,646	—1,868
Other-----	—751	—851	—809	—837	—946	—930	—1,064
Private remittances-----	—484	—497	—512	—605	—600	—628	—629
Military grants-----	—1,765	—1,465	—1,539	—1,482	—1,330	—1,628	(NA)
Other Government grants-----	—1,664	—1,854	—1,919	—1,917	—1,886	—1,800	—1,915
Government pensions and other transfers-----	—214	—235	—245	—262	—279	—366	—363
Transactions in private assets, net-----	—3,885	—4,180	—3,425	—4,456	—6,523	—3,690	—3,911
Direct investments-----	—1,674	—1,599	—1,654	—1,976	—2,416	—3,371	—3,363
Foreign securities issued in U.S.-----	—555	—523	—1,076	—1,250	—1,063	—1,206	—1,105
Other-----	—1,656	—2,058	—695	—1,230	—3,044	887	557
Government loans, foreign currencies, and other assets-----	—1,741	—2,200	—2,374	—2,634	—2,377	—2,477	—2,708
<b>Unrecorded transactions, net <sup>1</sup></b> -----	<b>—941</b>	<b>—1,006</b>	<b>—1,159</b>	<b>—352</b>	<b>—1,011</b>	<b>—429</b>	<b>—589</b>
<b>Balance of payments</b> -----	<b>—3,881</b>	<b>—2,370</b>	<b>—2,203</b>	<b>—2,670</b>	<b>—2,798</b>	<b>—1,337</b>	<b>—1,424</b>
Balanced by—							
Official reserve assets, net-----	2,143	606	1,533	378	171	1,222	568
Gold-----	1,702	857	890	461	125	1,665	571
Other <sup>2</sup> -----	441	—251	643	—83	46	—443	—3
Liquid liabilities to foreigners-----	1,738	1,764	670	2,292	2,627	115	856

NA Not available. <sup>1</sup> Also known as "errors and omissions."<sup>2</sup> Includes convertible currencies and International Monetary Fund position.Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, June 1966 and March 1967.

## No. 1209. CONDENSED SUMMARY OF THE UNITED STATES BALANCE OF PAYMENTS: 1920 TO 1966

[In millions of dollars. Excludes military transfers under grants]

YEAR	GOODS, SERVICES, REMITTANCES AND PENSIONS [NET RECEIPTS (+)]				U.S. Government grants and capital	U.S. private capital, net	Foreign capital, net	Errors and omissions	BALANCE [DECREASE IN NET ASSETS (—)]	
	Merchandise		Military payments and receipts	Other services, remittances and pensions					Liquid-ity basis <sup>1</sup>	Official reserve trans- actions basis <sup>2</sup>
	Exports	Imports								
1920-----	8,481	5,384	—123	—130	—175	—554	—278	—1,905	—68	(NA)
1925-----	5,011	4,291	—39	3	27	—917	301	—135	—40	(NA)
1930-----	3,929	3,104	—49	—86	77	—555	66	320	598	(NA)
1935-----	2,404	2,462	—41	45	1	543	320	364	1,174	(NA)
1940-----	4,124	2,698	—61	144	—51	245	—90	1,277	2,890	(NA)
1945-----	12,473	5,245	—2,434	676	—7,561	—550	—104	8	—2,737	(NA)
1950-----	10,117	9,108	—576	823	—3,640	—1,265	181	—21	—3,489	(NA)
1955-----	14,280	11,527	—2,701	1,360	—2,211	—1,255	297	515	—1,242	(NA)
1960-----	19,489	14,732	—2,734	1,325	—2,769	—3,885	366	—941	—3,881	—3,402
1965-----	26,276	21,488	—2,037	3,212	—3,375	—3,690	194	—429	—1,337	—1,305
1966-----	29,180	25,507	—2,741	3,372	—3,396	—3,911	2,168	—589	—1,424	271

NA Not available.

<sup>1</sup> Measured by changes in U.S. monetary reserve assets and in U.S. liquid liabilities to all foreigners. See table 1215.<sup>2</sup> Measured by changes in U.S. monetary reserve assets, in U.S. liquid liabilities to foreign official agencies, and in certain U.S. nonliquid liabilities to foreign official agencies.Source: Dept. of Commerce, Office of Business Economics; *Balance of Payments—Statistical Supplement*, 1963; and *Survey of Current Business*, June 1966 and March 1967.

## No. 1210. INTERNATIONAL INVESTMENT POSITION: 1940 TO 1965

[In millions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or stated values. See also *Historical Statistics, Colonial Times to 1957*, series U 193-206]

ITEM	1940	1945	1950	1955	1960	1963	1964	1965 (prel.)
<b>U.S. assets and investments abroad</b> .....	12,275	16,818	31,539	43,323	68,927	88,301	99,119	106,065
Private.....	12,195	14,683	19,004	29,136	50,393	66,513	75,820	80,942
Long-term.....	11,310	13,658	17,488	26,750	45,410	58,330	64,919	70,801
Direct <sup>1</sup> .....	7,340	8,369	11,788	19,395	32,778	40,686	44,386	49,217
Portfolio.....	3,970	5,289	5,700	7,355	12,632	17,644	<sup>2</sup> 20,533	<sup>2</sup> 21,584
Short-term.....	885	1,025	1,516	2,386	4,983	8,183	10,901	10,141
U.S. Government credits and claims.....	80	2,135	12,535	14,187	18,534	21,788	23,299	25,123
Long-term.....	80	1,644	10,768	12,420	14,087	17,149	18,777	20,318
Foreign currencies and short-term claims.....	(NA)	491	322	723	2,892	3,392	3,321	3,161
IMF position and monetary authorities holdings of convertible currencies.....	-	-	1,445	1,044	1,555	1,247	1,201	<sup>3</sup> 1,644
<b>Foreign assets and investments in U.S.</b> .....	13,535	17,022	17,635	27,831	41,190	51,486	56,883	58,932
Long-term investments.....	8,100	8,031	7,997	13,408	18,418	22,791	24,979	26,408
Direct.....	2,875	2,514	3,391	5,076	6,910	7,944	8,363	8,812
Portfolio.....	5,225	5,517	4,606	8,332	11,508	14,847	16,616	17,596
Short-term assets and Government obligations.....	5,435	8,991	9,638	14,423	22,772	28,695	31,904	32,524
Private obligations.....	5,125	5,263	6,477	8,410	12,026	14,892	17,534	18,162
Government obligations.....	310	3,728	3,161	6,013	10,746	13,803	14,370	14,362
Bills and certificates.....	6	1,838	1,508	4,209	7,639	8,720	2,405	2,329
Long-term marketable issues.....	150	487	1,470	1,636	2,276	2,742	8,799	8,356
Nonmarketable, medium-term securities.....	-	-	-	-	-	893	<sup>4</sup> 1,440	<sup>4</sup> 1,692
Other <sup>5</sup> .....	154	1,403	183	168	831	1,448	1,726	1,985

- Represents zero. NA Not available.

<sup>1</sup> Beginning 1961, excludes Cuba; 1960 total for U.S. direct investment was \$956 million (book value).

<sup>2</sup> Includes \$254 million loaned to Canada in connection with Columbia River power development.

<sup>3</sup> Reflects payment of \$259 million gold portion of increased U.S. subscription to International Monetary Fund in second quarter of 1965.

<sup>4</sup> Includes nonmarketable bonds issued to the Government of Canada in connection with transactions under the Columbia River Treaty, amounting to \$204 million in 1964 and \$174 million in 1965.

<sup>5</sup> Includes non-interest-bearing demand notes issued in payment of subscriptions to international and regional organizations (other than IMF), portfolio fund certificates sold abroad by Export-Import Bank, liabilities associated with Government grant and capital transactions (including restricted accounts), and advances for military exports and other Government sales. Effective 1965, includes liabilities of U.S. monetary authorities for gold deposited by and held for IMF.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, August 1962 and 1964 and September 1965 and 1966.

## No. 1211. INTERNATIONAL INVESTMENTS—INCOME RECEIPTS AND PAYMENTS, BY AREAS: 1950 TO 1966

[In millions of dollars. Figures abstracted from the general pattern of balance of payments. "Direct" investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important voice. "Other private" investments represent long-term miscellaneous holdings such as government or corporate bonds, interests in trusts and estates, or bank loans]

AREA AND TYPE OF INVESTMENT	1950		1955		1960		1965		1966	
	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments	Re-ceipts	Pay-ments
<b>Total, all areas</b> .....	1,593	345	2,444	502	3,350	999	5,901	1,646	6,180	1,868
Direct.....	1,294	148	1,912	191	2,355	249	3,961	392	3,978	405
Other private.....	190	166	258	217	646	418	1,428	766	1,607	906
U.S. Government.....	109	31	274	94	349	332	512	488	595	557
<b>Canada</b> .....	410	78	423	108	587	189	1,137	320	1,283	325
Direct.....	294	36	293	50	362	89	692	154	755	149
Other private.....	116	32	129	43	225	69	445	95	528	100
U.S. Government.....	(Z)	10	1	15	-	31	(Z)	71	(Z)	76
<b>Latin American Rep.<sup>1</sup></b> .....	554	13	745	21	858	49	1,248	116	1,352	159
Direct.....	522	1	678	(Z)	641	(Z)	888	(Z)	953	4
Other private.....	18	10	33	15	138	35	236	106	281	142
U.S. Government.....	14	2	34	6	79	14	124	10	118	13
<b>Western Europe<sup>2</sup></b> .....	228	237	518	346	725	611	1,224	902	1,263	1,001
Direct.....	110	110	255	138	388	154	760	207	703	218
Other private.....	40	120	56	150	141	271	317	410	343	457
U.S. Government.....	78	7	207	58	196	186	147	285	217	326
<b>Other countries<sup>1,3</sup></b> .....	401	17	758	27	1,180	150	2,292	308	2,282	383
Direct.....	368	1	686	3	964	6	1,621	31	1,567	34
Other private.....	16	4	40	9	142	43	430	155	455	207
U.S. Government.....	17	12	32	15	74	101	241	122	260	142

- Represents zero. Z Less than \$500,000.

<sup>1</sup> Beginning 1960, direct investment receipts from shipping companies operating under the flags of the Bahamas, Honduras, and Panama are included with "Other countries."

<sup>2</sup> Beginning 1955, includes Finland, Spain, and Yugoslavia.

<sup>3</sup> Includes international institutions and Western European dependencies, not shown separately.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, June 1965 and June 1966, and unpublished data.



## No. 1212. DIRECT INVESTMENTS ABROAD—VALUE AND INCOME RECEIPTS, BY COUNTRY, 1960 TO 1965, AND BY INDUSTRY, 1965

[In millions of dollars. Represents private long-term direct investments. For definition of "direct," see headnote, table 1211. See *Historical Statistics, Colonial Times to 1957*, series U 208-213, for direct investments]

COUNTRY	DIRECT INVESTMENTS					INCOME RECEIPTS				
	1960 <sup>1</sup>	1962	1963	1964	1965 (prel.)					1965 (prel.)
					Total	Mining and smelting	Petro- leum	Man- ufac- turing	Other indus- tries	
All areas.....	32,778	37,226	40,686	44,386	49,217	3,794	15,320	19,280	10,824	
Canada.....	11,198	12,133	13,044	13,796	15,172	1,755	3,320	6,855	3,242	
Latin American Republics <sup>2</sup> .....	8,387	8,424	8,662	8,894	9,371	1,114	3,034	2,741	2,482	
Mexico, Central America, and West Indies.....	2,642	1,912	2,062	2,282	2,502	157	322	836	1,274	
Mexico.....	2,795	1,867	1,907	1,034	1,177	103	48	752	1,187	
South America.....	5,745	6,511	6,600	6,612	6,870	831	2,508	1,905	1,627	
Argentina.....	472	799	829	882	992	(3)	(3)	617	375	
Brazil.....	953	1,084	1,132	997	1,073	51	57	722	244	
Chile.....	738	755	768	789	829	509	(3)	39	281	
Colombia.....	424	455	465	508	527	(3)	289	160	98	
Peru.....	446	453	448	404	515	263	60	79	112	
Venezuela.....	2,569	2,816	2,808	2,786	2,715	(3)	2,033	248	435	
Other countries.....	143	148	150	186	219	8	89	40	82	
Other Western Hemisphere.....	884	1,050	1,229	1,311	1,437	310	500	199	427	
Europe.....	6,681	8,930	10,340	12,109	13,894	55	3,429	7,570	2,841	
Common Market.....	2,644	3,722	4,490	5,426	6,254	16	1,617	3,688	933	
Belgium and Luxembourg.....	231	286	356	455	585	(Z)	71	373	141	
France.....	741	1,030	1,240	1,446	1,584	10	280	1,052	242	
Germany.....	1,006	1,476	1,780	2,082	2,417	(3)	610	1,547	259	
Italy.....	384	554	668	850	972	(3)	404	446	121	
Netherlands.....	283	376	446	593	698	(Z)	252	270	175	
Other Europe.....	4,037	5,208	5,850	6,683	7,639	39	1,811	3,881	1,908	
United Kingdom.....	3,231	3,824	4,172	4,547	5,119	2	1,084	3,308	725	
Africa.....	925	1,271	1,426	1,685	1,904	361	1,020	292	231	
South Africa.....	286	357	411	467	528	65	(3)	237	227	
Asia.....	2,291	2,500	2,793	3,112	3,611	37	2,384	673	517	
Middle East.....	1,139	1,200	1,277	1,332	1,590	3	1,491	43	53	
Far East.....	1,152	1,300	1,515	1,780	2,021	34	893	629	464	
Oceania.....	1,994	1,271	1,460	1,593	1,811	162	499	950	200	
Australia.....	856	1,097	1,274	1,475	1,677	161	(3)	895	621	
International <sup>4</sup> .....	1,418	1,647	1,733	1,885	2,017	-	1,133	-	884	

- Represents zero. Z Less than \$500,000.

<sup>1</sup> Includes direct investment in Cuba amounting to \$956 million (book value).

<sup>2</sup> Excludes shipping companies in Panama, which are included with "International."

<sup>3</sup> Combined in "Other industries."

<sup>4</sup> Includes shipping enterprises registered in Liberia and Panama but operating world-wide.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, August 1963, August 1964, and September 1966.

# No. 1213. DIRECT FOREIGN INVESTMENTS IN THE UNITED STATES—VALUE, BY AREA AND INDUSTRY: 1950 TO 1965

[In millions of dollars. Covers U.S. business enterprises, including real estate investments, in which there was a foreign interest or ownership of 25 percent or more]

AREA AND INDUSTRY <sup>1</sup>	1950	1955	1960	1961	1962	1963	1964	1965 (prel.)
<b>All areas</b> .....	3,391	5,076	6,910	7,392	7,612	7,944	8,363	8,812
Petroleum.....	405	853	1,238	1,325	1,419	1,513	1,612	1,710
Manufacturing.....	1,138	1,759	2,611	2,754	2,885	3,018	3,213	3,465
Finance and insurance.....	1,065	1,499	1,810	2,025	1,943	2,045	2,181	2,188
<b>Canada</b> .....	1,029	1,542	1,934	1,989	2,064	2,183	2,284	2,367
Petroleum.....	56	196	203	194	212	213	205	208
Manufacturing.....	468	711	932	975	1,015	1,063	1,129	1,219
Finance and insurance.....	153	179	246	274	269	337	382	358
<b>Europe</b> .....	2,228	3,369	4,707	5,129	5,245	5,491	5,819	6,105
Petroleum.....	349	657	1,028	1,125	1,203	1,306	1,404	1,481
Manufacturing.....	669	1,040	1,611	1,708	1,797	1,881	2,005	2,154
Finance and insurance.....	870	1,272	1,504	1,690	1,611	1,640	1,723	1,750
<b>United Kingdom</b> .....	1,168	1,749	2,248	2,484	2,474	2,665	2,796	2,865
Petroleum.....	95	204	339	381	416	480	498	511
Manufacturing.....	337	510	722	750	762	779	812	839
Finance and insurance.....	554	836	953	1,091	1,023	1,085	1,154	1,189
<b>Netherlands</b> .....	334	613	947	1,023	1,082	1,134	1,231	1,304
Petroleum.....	226	411	639	693	736	772	842	887
Manufacturing.....	44	127	213	231	248	275	296	328
Finance and insurance.....	34	37	42	43	43	36	39	36
<b>Switzerland</b> .....	348	522	773	830	836	825	896	938
Manufacturing.....	204	282	427	433	454	477	530	580
Finance and insurance.....	147	223	300	345	339	307	321	314
<b>Other Europe</b> .....	377	485	739	791	855	867	897	<sup>2</sup> 997
Petroleum.....	28	42	50	51	51	54	64	83
Manufacturing.....	84	121	249	294	333	350	367	407
Finance and insurance.....	135	176	209	211	207	212	209	211
<b>Other areas</b> .....	134	165	269	274	302	269	259	339

<sup>1</sup> Area totals include industries not shown separately.

<sup>2</sup> Direct investments (in millions of dollars): Belgium, 198; France, 200; Germany, 206; Italy, 88; and Sweden, 216.

Source: Dept. of Commerce, Office of Business Economics; *Foreign Business Investments in the United States*, 1962, *Survey of Current Business*, September 1966, and unpublished data.

# No. 1214. U.S. RESERVE ASSETS AND SHORT-TERM LIABILITIES TO FOREIGNERS: 1955 TO 1967

[In millions of dollars. As of end of year or month. Covers U.S. gold stock, including gold in Exchange Stabilization Fund; holdings of convertible foreign currencies by U.S. monetary authorities; and liabilities maturing in 1 year or less as reported by U.S. banks. For types of liabilities and holders, see table 1215. "Foreigners" refers to international and regional organizations, foreign governments, central banks, and other official institutions, as well as banks, organizations, and individuals domiciled abroad and the foreign subsidiaries and offices of U.S. banks and commercial firms]

ITEM AND REGION OR COUNTRY	1955	1960	1963	1964	1965	1966		1967, March (prel.)
						March	Dec.	
Gold stock, U.S. ....	21,753	17,804	15,596	15,471	13,806	13,738	13,235	13,184
Foreign currency holdings ..	-	-	212	432	781	559	1,321	314
Reserve position in IMF ..	1,044	1,555	1,035	769	863	729	326	357
Short-term liabilities to foreigners.....	11,895	18,701	22,877	25,518	25,551	25,591	27,604	26,808
International and regional <sup>1</sup> .....	175	1,441	1,547	1,618	1,479	1,637	1,382	1,437
Foreign.....	11,720	17,260	21,330	23,900	24,072	23,954	26,222	25,371
Official <sup>2</sup> .....	6,953	10,212	12,467	13,220	13,066	12,455	12,543	12,363
Other.....	4,767	7,048	8,863	10,680	11,006	11,499	13,679	13,008
<b>Europe</b> .....	6,147	9,046	10,770	12,236	11,627	11,660	13,939	13,317
France.....	1,081	519	1,478	1,663	997	1,071	1,070	948
Germany, Federal Republic of.....	1,454	3,476	3,041	2,010	1,429	1,420	2,538	2,412
Italy.....	785	877	803	1,622	1,620	1,326	1,410	1,232
Netherlands.....	164	328	360	367	339	271	364	332
Switzerland.....	757	678	906	1,370	1,369	1,456	1,811	1,686
United Kingdom.....	550	1,667	1,483	1,884	2,714	3,201	3,817	3,833
Other.....	1,356	1,501	2,699	3,320	3,159	2,919	2,929	2,874
<b>Canada</b> .....	1,032	2,439	2,988	2,984	2,574	2,308	2,498	2,265
<b>Latin America</b> .....	2,000	2,308	3,137	3,563	4,027	4,026	3,883	4,063
<b>Asia</b> .....	2,181	3,115	4,001	4,687	5,286	5,359	5,251	5,090
<b>Other</b> .....	360	352	435	430	558	602	651	635

- Represents zero.

<sup>1</sup> Excludes dollar holdings of International Monetary Fund, and holdings of U.S. Treasury letters of credit and nonnegotiable, non-interest-bearing special U.S. notes by other international and regional organizations. Excludes Bank for International Settlements and European Fund; see footnote 2.

<sup>2</sup> Represents liabilities to foreign central banks, foreign central governments and their agencies, Bank for International Settlements, and European Fund.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



# No. 1215. CHANGES IN U.S. MONETARY RESERVE ASSETS AND IN U.S. LIQUID LIABILITIES TO FOREIGNERS: 1960 TO 1966

[In millions of dollars. See headnote, table 1214]

ITEM	1960	1961	1962	1963	1964	1965	1966 (prel.)
<b>Total</b> .....	<b>3,881</b>	<b>2,370</b>	<b>2,203</b>	<b>2,670</b>	<b>2,798</b>	<b>1,337</b>	<b>1,424</b>
Monetary reserve assets [increase (-)].....	2,143	606	1,533	378	171	1,222	568
Gold stock <sup>1</sup> .....	1,702	857	890	461	125	1,665	571
Convertible currencies.....	-	-116	17	-113	-220	-349	-540
IMF gold tranche position <sup>1</sup> .....	441	-135	626	30	266	-94	537
Liquid liabilities to all foreigners [decrease (-)].....	1,738	1,764	670	2,292	2,627	115	856
To foreign official agencies.....	1,449	681	457	1,673	1,073	-17	-1,574
Central banks and governments.....	1,149	681	457	1,673	1,073	-51	-1,751
Demand deposits.....	204	351	-127	619	189	-56	142
Time deposits <sup>2</sup> .....					369	46	-258
Other private obligations <sup>2</sup> .....	400	110	-164	114	223	224	-92
U.S. Government obligations:							
Short-term securities and other obligations.....	645	206	887	-229	-24	-368	-353
Bonds and notes, marketable.....	-100	14	-139	466	-59	-20	-245
Bonds and notes, nonmarketable, convertible.....	-	-	-	703	375	123	-945
International Monetary Fund <sup>3</sup> .....	300	-	-	-	-	34	177
To foreign commercial banks.....	140	586	-138	470	1,454	116	2,731
Demand deposits.....	841	644	-239	263	903	-86	1,873
Time deposits <sup>2</sup> .....					129	-67	358
Other private obligations <sup>2</sup> .....	-284	-26	61	222	348	298	476
U.S. Government short-term securities.....	-417	-32	40	-15	74	-29	24
To other foreign residents and unallocated.....	-188	90	140	385	345	306	224
Demand deposits.....	16	126	119	363	31	44	-63
Time deposits <sup>2</sup> .....					291	323	228
Other private obligations <sup>2</sup> .....	-38	-2	122	117	33	-171	1
U.S. Government obligations:							
Short-term securities.....	-168	-1	-33	2	-47	15	2
Bonds and notes.....	2	-33	-68	-97	37	95	56
To international and regional organizations not included above.....	337	407	211	-236	-245	-290	-525
Demand deposits.....	145	135	185	-114	-5	-23	15
Time deposits <sup>2</sup> .....					-177	-7	-62
Other private obligations <sup>2</sup> .....	-6	55	82	-7	176	-48	-93
U.S. Government obligations:							
Short-term securities.....	82	-237	278	-356	16	-61	42
Bonds and notes.....	116	454	-334	241	-255	-151	-427

- Represents zero. <sup>1</sup> Reflects \$259 million payment of gold portion of increased U.S. subscription to the IMF in the second quarter of 1965. <sup>2</sup> With maturity of 1 year or less; negotiable certificates of deposit with maturity of 1 year or less included with other private obligations, which are mainly money market paper.

<sup>3</sup> Includes liabilities of U.S. monetary authorities for gold deposited by and held for IMF. Excludes dollar holdings of IMF except holdings acquired through gold sales to the United States with the option to reverse the transactions.

Source: Dept. of Commerce, Office of Business Economics; *Survey of Current Business*, June 1966 and March 1967.

# No. 1216. FEDERAL GOVERNMENT INTERNATIONAL PROGRAMS—EXPENDITURES: 1960 TO 1968

[In millions of dollars. For years ending June 30]

PROGRAM OR AGENCY	1960	1963	1964	1965	1966	1967 est.	1968 est.
<b>Administrative budget funds</b> .....	<b>3,195</b>	<b>4,412</b>	<b>4,032</b>	<b>4,506</b>	<b>4,191</b>	<b>4,608</b>	<b>4,797</b>
Economic and financial assistance programs.....	1,381	1,826	1,479	2,094	1,864	2,321	2,403
Agency for International Development.....	1,613	2,043	1,997	2,041	2,141	2,415	2,430
Development loans.....	202	760	768	754	677	710	695
Development grants.....	149	245	226	227	224	196	212
Alliance for Progress <sup>1</sup> .....	(X)	260	272	367	459	593	588
Supporting assistance.....	995	494	371	387	500	604	680
Contingencies and other.....	267	284	360	306	280	313	255
International financial institutions: Present programs.....	80	122	112	320	-	<sup>3</sup> 336	212
Peace Corps <sup>2</sup> .....	(X)	42	60	79	94	100	112
Export-Import Bank.....	<sup>3</sup> 523	<sup>3</sup> 592	<sup>3</sup> 702	<sup>3</sup> 557	<sup>3</sup> 385	128	<sup>3</sup> 365
Other.....	11	10	12	11	14	15	15
Food for Freedom.....	1,458	2,040	2,049	1,843	1,784	1,710	1,799
Foreign information and exchange activities.....	137	201	207	223	227	242	248
U.S. Information Agency.....	113	155	161	165	167	184	192
Department of State.....	24	46	46	58	61	58	56
Conduct of foreign affairs.....	217	346	297	346	315	335	346
Department of State.....	215	340	279	300	301	320	332
U.S. Arms Control and Disarmament Agency <sup>2</sup> .....	(X)	2	6	7	9	9	9
Tariff Commission.....	2	3	3	3	3	4	4
Foreign Claims Settlement Commission.....	-	1	9	35	2	2	1
<b>Trust funds</b> .....	<b>48</b>	<b>44</b>	<b>62</b>	<b>-160</b>	<b>171</b>	<b>111</b>	<b>229</b>

- Represents zero. X Not applicable.

<sup>1</sup> Program initiated August 1961. <sup>2</sup> Agency established in 1961. <sup>3</sup> Deduct.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

## No. 1217. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, BY PROGRAM: 1945 TO 1966

(In millions of dollars. "P.L." means Public Law. Grants and credits are generally goods delivered or shipped by, services rendered by, or funds disbursed by U.S. Government to or for account of a foreign government or other foreign entity. "Reverse grants and returns" and "principal collections" are comprised of goods, services, and funds received by U.S. Government. "Assistance through net accumulation of foreign currency claims" primarily represents transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of P.L. 87-128, principal and interest collections in foreign currencies for credits extended under the farm sales program), less the Government's disbursements of the currencies as grants, credits, or for purchases. "Funds" includes foreign currency which, with goods and services, is measured in dollar equivalents]

PROGRAM	Post-war period <sup>1</sup>	July 1945-Dec. 1959	1960	1961	1962	1963	1964	1965	1966 (prel.)
<b>Total, net</b> .....	106,925	74,036	4,590	4,239	4,537	5,148	4,903	5,038	4,435
Investment in 5 international financial institutions <sup>2</sup> .....	1,190	670	153	172	122	62	112	-	-100
<b>Under assistance programs, net</b> .....	105,735	73,365	4,437	4,067	4,416	5,086	4,792	5,038	4,535
<b>Net new grants<sup>3</sup></b> .....	85,234	61,450	3,483	3,373	3,545	3,638	3,270	3,463	3,010
Gross new grants.....	87,391	63,297	3,528	3,408	3,699	3,666	3,292	3,478	3,020
Military aid.....	37,265	26,255	1,822	1,526	1,766	1,730	1,393	1,674	1,100
Under Foreign Assistance Act <sup>4</sup> .....	35,612	24,638	1,809	1,516	1,754	1,730	1,393	1,674	1,100
Military supplies and services.....		23,010	1,603	1,387	1,618	1,676	1,338	1,636	
Multilateral construction program contributions.....	34,366		589	117	93	54	55	37	1,100
Vessel loans <sup>5</sup> .....	586	378	89	76	42	(NA)	(NA)	(NA)	(NA)
Chinese and Japanese military aid.....	660	660	-	-	-	-	-	-	-
Other.....	1,653	1,617	14	10	12	-	-	-	-
Other aid (economic and technical).....	50,125	37,043	1,705	1,882	1,933	1,936	1,900	1,805	1,920
Under Foreign Assistance Act <sup>4</sup> .....	30,976	23,125	1,355	1,294	1,176	1,067	889	993	1,076
Under authorizations for farm products disposals:									
From P.L. 83-480 <sup>6</sup> foreign currencies.....	2,435	259	76	160	366	382	532	333	387
Famine and other urgent relief and through private welfare agencies <sup>7</sup> .....	3,455	1,470	218	338	329	328	278	263	231
Payment of transportation.....	576	104	36	63	68	75	74	75	80
Civilian supplies.....	6,012	5,898	8	10	15	23	19	30	10
Peace Corps.....	341	-	-	4	29	48	70	82	109
Other.....	6,331	6,188	14	13	10	13	38	29	27
Less: Reverse grants and returns.....	2,157	1,848	45	35	154	28	22	15	10
Military.....	480	294	11	8	136	9	8	9	5
Under Foreign Assistance Act <sup>4</sup> .....									
Foreign currency collections.....	145	88	9	8	10	9	8	9	5
Return of vessel loans <sup>8</sup> .....	5	4	2	-	-	(NA)	(NA)	(NA)	(NA)
Settlement for reversionary rights.....	75	-	-	-	75	-	-	-	-
Other.....	254	202	(Z)	-	52	(NA)	(NA)	(NA)	(NA)
Other aid (economic, technical).....	1,675	1,553	34	27	17	19	13	6	5
Under Foreign Assistance Act <sup>4</sup> .....									
Foreign currency collections.....	1,112	995	33	26	16	19	11	6	5
Dollar cash returns.....	6	1	1	1	1	(Z)	2	(Z)	-
Other.....	558	557	-	(Z)	-	-	-	-	-
<b>Net new credits<sup>3,8</sup></b> .....	16,966	9,673	430	503	731	1,160	1,549	1,597	1,324
<b>New credits</b> .....	29,965	15,743	1,639	1,771	2,005	2,125	2,246	2,492	2,542
Under Export-Import Bank Act.....	10,449	6,314	406	821	621	509	337	533	909
Direct loans.....	10,860	6,450	420	844	661	556	425	579	925
Less: Reimbursements by private participants.....	411	136	14	22	40	47	89	46	16
Under Foreign Assistance Act <sup>4</sup> .....	9,185	2,880	353	470	851	1,128	1,138	1,219	1,145
Country program loans.....	8,518	2,607	334	451	818	1,050	1,053	1,097	1,108
Financing of military sales.....	224	126	19	19	11	12	19	51	-33
Deficiency and basic materials development credits.....	147	147	-	-	-	-	-	-	-
Social Progress Trust Fund.....	296	-	-	1	22	66	67	71	70

See footnotes at end of table.



## No. 1217. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, BY PROGRAM: 1945 TO 1966—Continued

(In millions of dollars)

PROGRAM	Post-war period <sup>1</sup>	July 1945-Dec. 1959	1960	1961	1962	1963	1964	1965	1966 (prel.)
<b>Net new credits—Continued</b>									
New credits—Continued									
Under P.L. 83-480 <sup>6</sup>	4,386	729	280	479	474	464	751	730	479
Loans of foreign currency:									
To foreign governments	3,544	707	263	448	411	387	601	538	189
To private enterprises	245	23	17	31	22	25	48	35	44
Long-term credit sales	598	-	-	(Z)	41	53	102	156	246
Lend-lease and surplus property	1,562	1,560	-	-	-	-	-	1	-
Other	4,382	4,260	(Z)	(Z)	60	23	20	10	9
Less: Principal collections	12,998	6,070	609	1,268	1,274	965	698	896	1,218
Under Export-Import Bank Act	6,829	3,245	359	384	583	642	467	592	556
Under Foreign Assistance Act <sup>4</sup>	1,471	248	74	102	412	154	127	181	173
Country program loans	1,085	82	37	71	380	143	113	119	140
Financing of military sales	247	70	26	25	27	8	9	56	26
Deficiency and basic materials development credits	124	95	11	6	4	2	3	1	1
Social Progress Trust Fund	15	-	-	-	(Z)	1	3	4	6
Under P.L. 83-480 <sup>6</sup>	235	(Z)	2	7	101	15	19	38	54
Loans of foreign currency:									
To foreign governments	122	(Z)	1	1	94	4	5	6	11
To private enterprises	57	-	1	5	7	9	10	11	14
Long-term credit sales	56	-	-	-	-	1	4	21	29
Lend-lease, surplus property, and grant settlements	3,021	1,496	112	678	112	93	80	80	370
Other	1,443	1,082	63	97	66	61	5	5	65
<b>Other assistance (through net accumulation of foreign currency claims)<sup>9</sup></b>									
Currency claims acquired	3,535	2,243	524	191	139	287	-28	-23	201
Through sale of farm products	13,281	5,082	1,186	1,147	1,142	1,287	1,397	1,083	958
Under Mutual Security Acts	12,775	5,073	1,184	1,133	1,084	1,216	1,312	930	844
Under P.L. 83-480 <sup>6</sup>	2,030	1,668	161	181	20	1	-	-	-
Under P.L. 80-806 <sup>10</sup>	10,711	3,373	1,024	951	1,064	1,215	1,312	930	844
From second stage operations <sup>11</sup>	35	32	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
	505	8	2	14	58	71	85	153	114
Less: Currencies disbursed	9,743	2,839	662	956	1,003	1,000	1,425	1,106	753
For economic grants and credits to purchasing country	7,687	2,100	491	752	821	812	1,179	908	623
Under Mutual Security Acts	1,539	1,120	142	120	87	37	18	13	3
Under P.L. 83-480 <sup>6</sup>	6,148	980	349	632	734	775	1,161	895	620
For other uses	2,060	739	171	204	182	187	246	197	134
Under Mutual Security Acts	449	315	52	45	16	10	3	4	4
Under P.L. 83-480 <sup>6</sup>	1,578	399	119	155	163	176	242	193	130
Under P.L. 80-806 <sup>10</sup>	33	25	-	3	4	(Z)	(Z)	1	(Z)

- Represents zero. NA Not available. Z Less than \$500,000.

<sup>1</sup> July 1, 1945, through Dec. 31, 1966. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). For additional details on immediate postwar period, see prior editions of the *Statistical Abstract*.<sup>2</sup> For detail, see table 1219.<sup>3</sup> Net new grants have not been adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits. Prior grants converted into credits were as follows: July 1945-December 1956, \$2,257 million; 1962, \$490 million. Repayments on these settlements included in net new credits. Technically, prior grants recorded into credits amounting to \$273 million are so recorded for convenience, as settlements are still to be reached with governments in question.<sup>4</sup> Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. Beginning 1964, Defense Dept. transactions estimated.<sup>5</sup> These "loans" are essentially transfers on an indeterminate basis, generally requiring only the return of the identical item, if available. In essence, this was the requirement pertaining to wartime lend-lease transfers of watercraft, which were included as grant transfers in these data.<sup>6</sup> Agricultural Trade Development and Assistance Act.<sup>7</sup> Includes donations through United Nations Children's Fund and United Nations Relief and Works Agency for Palestine refugees.<sup>8</sup> Outstanding credits on Dec. 31, 1966, totaled \$19,810 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs, and net adjustments due to exchange rates (\$672 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$14,624 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers.<sup>9</sup> Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,315 million), was \$2,222 million on Dec. 31, 1966.<sup>10</sup> Commodity Credit Corporation Charter Act.<sup>11</sup> Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under Public Law 83-480, which—since enactment of Public Law 87-123—are available for the same purposes as Public Law 83-480 currencies.Source: Dept. of Commerce, Office of Business Economics; periodic report, *Foreign Grants and Credits by the United States Government*.

**No. 1218. FOREIGN ASSISTANCE—ECONOMIC AND MILITARY ASSISTANCE PROGRAMS, BY GRANT OR LOAN: 1948 TO 1966**

[In millions of dollars. For years ending June 30]

YEAR	Total economic and military assistance <sup>1</sup>	ECONOMIC ASSISTANCE <sup>2</sup>				MILITARY ASSISTANCE <sup>1</sup>			Additional military assistance grants from excess stocks <sup>1</sup>
		Total	Grants	Loans		Total	Grants	Loans	
				Total	Development loans				
Cumulative total, 1948 to 1966.....	76,760	42,574	31,474	11,099	7,801	34,097	33,133	964	3,019
Principal repayments.....	1,373	1,029	-	1,029	322	344	-	344	-
Interest collected.....	1,021	1,012	-	1,012	265	9	-	9	-
1949 (15 months).....	6,283	6,283	5,116	1,167	-	-	-	-	-
1950.....	3,670	3,614	3,451	163	-	56	56	-	33
1951.....	3,603	2,622	2,577	45	-	980	980	-	289
1952.....	3,466	1,985	1,784	201	-	1,481	1,481	-	191
1953.....	6,119	1,960	1,934	26	-	4,159	4,159	-	140
1954.....	5,524	2,228	2,114	114	-	3,296	3,296	-	107
1955.....	4,217	1,821	1,624	197	-	2,396	2,396	-	42
1956.....	4,434	1,506	1,298	208	-	2,928	2,920	8	106
1957.....	3,712	1,627	1,305	322	-	2,085	2,078	7	53
1958.....	3,984	1,620	1,203	417	267	2,363	2,325	39	257
1959.....	4,026	1,916	1,291	626	562	2,110	2,050	60	197
1960.....	3,584	1,866	1,302	564	522	1,718	1,697	21	289
1961.....	3,386	2,012	1,305	707	630	1,374	1,344	30	328
1962.....	3,956	2,508	1,180	1,329	1,087	1,448	1,427	21	248
1963.....	4,107	2,297	954	1,343	1,249	1,809	1,765	44	188
1964.....	3,633	2,136	808	1,328	1,253	1,498	1,415	83	125
1965.....	3,336	2,026	904	1,122	1,078	1,310	1,239	71	201
1966.....	3,679	2,543	1,325	1,219	1,154	1,135	1,054	81	140

- Represents zero.

<sup>1</sup> Military assistance programs chargeable to appropriations; totals exclude grants from stocks which are excess to requirements of U.S. military departments and are not charged to appropriations. Annual data for military assistance and excess stocks are not deliveries; cumulative totals represent total amounts programmed for 1950-1966. The difference between the sum of the data by years and the cumulative total is the value of goods programmed but not yet delivered.

<sup>2</sup> Represents net Development Loan authorizations and other AID and predecessor agency obligations during each fiscal year beginning with the European Recovery Program on April 3, 1948. AID was the administering agency for economic assistance in 1962-1966. See text, p. 812.

Source: Dept. of State, Agency for International Development; annual report, *U.S. Economic Assistance Programs Administered by the Agency for International Development and Predecessor Agencies*, and *Operations Report*, issued quarterly; and Dept. of Defense, annual report, *Military Assistance Facts*.

**No. 1219. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, NET, BY COUNTRY: 1945 TO 1966**

[In millions of dollars. See headnote, table 1217. Negative figures (-) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products]

TYPE AND COUNTRY	Post-war period <sup>1</sup>	July 1945-Dec. 1959	1960	1961	1962	1963	1964 <sup>2</sup>	1965 <sup>2</sup>	1966 <sup>2</sup> (prel.)
<b>Total, net.....</b>	<b>106,925</b>	<b>74,036</b>	<b>4,590</b>	<b>4,239</b>	<b>4,537</b>	<b>5,147</b>	<b>4,903</b>	<b>5,038</b>	<b>4,436</b>
Investment in 5 international financial institutions.....	1,190	670	153	172	122	62	112	-	-100
Asian Development Bank.....	10	-	-	-	-	-	-	-	10
Inter-American Development Bank.....	190	(Z)	80	110	60	-	50	-	-110
International Bank for Reconstruction and Development.....	635	635	-	-	-	-	-	-	-
International Development Association.....	320	-	74	62	62	62	62	-	-
International Finance Corporation.....	35	35	-	-	-	-	-	-	-
Under assistance programs.....	105,735	73,365	4,437	4,067	4,416	5,086	4,792	5,038	4,535
Military grants <sup>2</sup> .....	36,786	25,960	1,812	1,518	1,630	1,721	1,385	1,665	1,095
Western Europe (excl. Greece and Turkey).....	(NA)	13,757	623	415	372	469	289	242	(NA)
Near East (incl. Greece and Turkey) and South Asia.....	(NA)	4,002	332	241	337	424	309	330	(NA)
Africa.....	(NA)	33	12	18	30	32	25	24	(NA)
Far East and Pacific.....	(NA)	7,414	743	689	789	706	677	1,006	(NA)
Western Hemisphere.....	(NA)	489	77	133	74	63	59	59	(NA)
Unspecified areas.....	(NA)	265	24	22	28	27	26	3	(NA)

Other grants, credits, and other assistance (through net accumulation of foreign currency claims).....

See footnotes at end of table.



No. 1219. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, NET, BY COUNTRY:  
1945 TO 1966—Continued

[In millions of dollars]

TYPE AND COUNTRY	Post-war period <sup>1</sup>	July 1945- Dec. 1959	1960	1961	1962	1963	1964 <sup>2</sup>	1965 <sup>2</sup>	1966 <sup>2</sup> (prel.)
<b>Western Europe (excl. Greece and Turkey)</b>									
Turkey	23,574	25,341	-16	-594	-688	-251	119	-100	-236
Austria	1,089	1,088	9	4	-12	(-Z)	-1	4	-2
Belgium-Luxembourg	650	701	4	-8	-18	-6	-8	-8	-6
Denmark	263	276	-2	-2	-2	-2	-2	-2	-2
Finland	54	89	-2	-3	-6	-2	-6	-9	-6
France	4,142	5,382	-48	-68	-541	-244	-38	-205	-97
Germany, Federal Republic of	2,849	3,693	-28	-587	-3	-14	-5	(-Z)	-207
Iceland	67	53	6	3	3	1	1	1	(Z)
Ireland	129	143	-1	-2	-2	-2	-2	-3	-
Italy	2,793	2,992	12	-27	-176	5	78	31	-121
Netherlands	828	979	-11	-52	-12	-72	-1	-2	-
Norway	236	268	-7	-6	-4	-4	-5	-4	-3
Portugal	162	78	2	1	20	17	30	12	3
Spain	910	659	90	110	12	1	-10	19	30
Sweden	84	104	(-Z)	-1	-16	(Z)	-1	(Z)	-3
United Kingdom	6,450	6,744	-89	-81	-77	-75	-14	-20	60
Yugoslavia	2,009	1,298	49	121	145	134	90	75	98
European Atomic Energy Community	73	-	-	-	-	12	19	20	22
European Coal and Steel Community	69	94	-3	-3	-3	-4	-4	-4	-4
European Payments Union	238	238	-	-	-	-	-	-	-
Other <sup>3</sup> and unspecified	479	462	4	7	5	5	-2	-3	2
<b>Eastern Europe</b>	1,606	1,318	123	53	54	43	46	-13	-18
Albania	20	20	-	-	-	-	-	-	-
Czechoslovakia	191	191	-	-	-	-	-	-	-
Eastern Germany	17	17	-	-	-	-	-	-	-
Hungary	22	28	-1	(-Z)	-1	-1	-1	-1	-1
Poland	969	641	127	57	61	48	52	-6	-10
U.S.S.R.	387	422	-4	-4	-6	-5	-5	-5	-7
<b>Near East (incl. Greece and Turkey) and South Asia</b>	16,723	6,275	1,227	1,238	1,499	1,740	1,784	1,640	1,320
Afghanistan	285	95	13	30	13	33	37	34	30
Ceylon	94	50	8	10	9	5	4	4	5
Cyprus	20	-	3	6	7	2	1	(Z)	1
Greece	1,656	1,483	28	31	21	30	35	26	3
India	5,901	1,268	523	373	534	740	864	849	751
Iran	687	459	33	129	46	20	-6	7	-
Iraq	47	19	1	1	1	5	12	7	3
Israel	908	589	41	41	58	49	34	49	47
Jordan	525	168	62	61	53	55	45	37	44
Lebanon	86	62	10	8	4	3	-2	(Z)	1
Nepal	99	16	8	10	9	14	17	16	10
Pakistan	2,804	719	229	218	323	380	377	348	211
Saudi Arabia	12	45	2	-8	-26	-2	3	-2	(Z)
Syria	57	1	26	21	13	-3	(-Z)	-1	-1
Turkey	1,888	881	101	153	203	174	126	132	118
United Arab Republic (Egypt)	1,106	172	108	110	185	184	194	95	58
Yemen	44	5	5	6	6	8	6	5	4
UNRWA <sup>4</sup>	435	224	22	34	31	35	32	28	29
Other <sup>3</sup> and unspecified	71	21	5	6	11	10	7	6	6
<b>Africa</b>	2,625	426	180	296	365	307	287	369	396
Algeria	158	2	1	2	42	40	39	7	23
Cameroon	20	(Z)	(-Z)	1	2	3	3	7	4
Congo, Democratic Republic of <sup>5</sup>	277	(Z)	11	30	73	43	39	48	34
Dahomey	8	(Z)	1	1	2	1	1	1	1
Ethiopia	136	35	7	14	24	18	8	11	19
Ghana	127	2	2	2	3	13	8	33	63
Guinea	71	2	(Z)	1	6	15	12	22	12
Ivory Coast	25	(Z)	(Z)	1	2	2	7	3	11
Kenya	50	4	(Z)	6	5	3	2	13	16
Liberia	184	50	8	19	35	11	12	25	24
Libya	208	106	34	23	20	16	6	3	(Z)
Malagasy Republic	8	1	(Z)	(Z)	1	1	1	1	1
Mali	13	-	-	2	2	2	2	3	3
Morocco	497	96	61	98	50	56	39	51	46
Nigeria	117	1	3	6	11	15	25	26	30
Senegal	17	-	(Z)	(Z)	5	4	5	1	2
Sierra Leone	27	(Z)	(Z)	1	2	3	3	13	5
Somali Republic	48	4	3	4	9	7	6	8	7
South Africa	-85	-2	-13	-13	-13	-16	-11	-13	-4
Sudan	85	10	17	16	11	9	10	10	2
Tanzania	47	2	(Z)	5	9	4	6	9	12
Togo	10	(Z)	1	1	2	2	2	1	1
Tunisia	430	70	55	77	54	38	44	54	38
Uganda	17	(Z)	(Z)	(Z)	3	2	2	5	5
Other <sup>7</sup> and unspecified	129	40	-11	-2	5	15	15	27	41

See footnotes at end of table.

No. 1219. MAJOR U.S. GOVERNMENT FOREIGN ASSISTANCE, NET BY COUNTRY:  
1945 to 1966—Continued

[In millions of dollars]

TYPE AND COUNTRY	Post-war period <sup>1</sup>	July 1945- Dec. 1959	1960	1961	1962	1963	1964 <sup>2</sup>	1965 <sup>2</sup>	1966 <sup>2</sup> (prel.)
<b>Far East and Pacific</b> .....	15,499	10,234	786	748	775	776	567	655	958
Australia.....	37	-9	-3	18	-6	-14	-1	25	27
Burma.....	100	60	13	4	3	10	5	3	2
Cambodia <sup>3</sup> .....	256	160	25	24	20	20	7	2	(Z)
China (Taiwan).....	2,150	1,638	109	119	82	76	45	49	31
Hong Kong.....	39	17	5	6	3	5	(-Z)	2	1
Indonesia.....	708	389	45	54	89	78	32	-4	26
Japan.....	2,587	2,514	18	26	57	32	-49	-57	47
Korea, Republic of.....	4,037	2,581	261	230	238	240	158	165	165
Laos <sup>3</sup> .....	490	193	33	51	30	32	39	58	55
Malaysia.....	35	2	1	2	12	7	2	4	4
New Zealand.....	25	12	-1	-2	-1	-1	-2	-1	21
Philippines.....	1,151	963	24	12	26	11	49	45	22
Ryukyu Islands.....	322	236	10	5	11	8	22	19	12
Thailand.....	384	189	42	29	31	29	18	25	21
Trust Territory of the Pacific Islands.....	134	51	5	6	8	18	11	18	16
Viet-Nam <sup>3</sup> .....	2,831	1,105	186	151	157	212	221	300	499
Other <sup>4</sup> and unspecified.....	213	135	13	13	16	14	9	4	9
<b>Western Hemisphere</b> .....	6,327	2,461	194	710	587	576	447	632	720
Argentina.....	377	213	47	41	66	11	5	-3	-3
Bolivia.....	374	178	13	23	29	45	33	30	22
Brazil.....	1,892	695	42	270	159	139	213	149	226
Canada.....	-7	-7	(-Z)	-	-	-	(Z)	(Z)	-
Chile.....	822	207	10	122	88	111	96	101	87
Columbia.....	474	183	-7	53	45	69	38	34	59
Costa Rica.....	107	47	4	7	9	7	10	14	10
Cuba.....	41	41	(Z)	(Z)	(-Z)	(Z)	-	(Z)	-
Dominican Republic.....	224	(Z)	(Z)	(Z)	22	48	22	79	53
Ecuador.....	144	44	7	11	12	14	17	17	21
El Salvador.....	73	9	1	8	6	11	10	11	17
Guatemala.....	165	88	16	14	9	10	9	11	7
Guyana.....	11	1	-	1	1	1	1	3	3
Haiti.....	99	58	10	14	5	3	3	5	3
Honduras.....	62	21	4	8	4	5	4	10	7
Jamaica.....	23	3	1	1	2	3	3	4	5
Mexico.....	457	331	3	83	21	-18	-55	38	54
Nicaragua.....	78	21	8	9	7	7	7	7	10
Panama.....	133	31	12	9	11	19	10	21	21
Paraguay.....	71	27	6	10	4	9	7	5	4
Peru.....	282	231	-16	-20	5	4	17	32	28
Surinam.....	5	2	(Z)	1	1	(Z)	(Z)	1	(Z)
Trinidad and Tobago.....	41	(Z)	1	(Z)	(Z)	9	8	17	6
Uruguay.....	64	22	20	3	4	8	(Z)	2	4
Venezuela.....	189	7	6	32	64	43	-40	38	39
Other <sup>10</sup> and unspecified.....	124	6	5	10	12	19	26	9	37
<b>Other international organizations and unspecified areas</b> .....	2,595	1,351	131	98	193	175	157	189	300

- Represents zero. NA Not available. Z Less than \$500,000 or net minus (-) of less than \$500,000.

<sup>1</sup> July 1, 1945, through Dec. 31, 1966. All lend-lease and conversions of prior grants to credits from V-J Day (Sept. 2, 1945). For additional details on immediate postwar period, see prior editions of the *Statistical Abstract*.

<sup>2</sup> Beginning 1964 Defense Dept. transactions estimated.

<sup>3</sup> Comprises Liechtenstein, Malta, San Marino, Switzerland, European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation.

<sup>4</sup> United Nations Relief and Works Agency for Palestine refugees. <sup>5</sup> Comprises Aden and Bahrain.

<sup>6</sup> Formerly known as Congo (Leopoldville).

<sup>7</sup> Comprises Botswana, British Islands East of Africa, Burundi, Canary Islands, Central African Republic, Chad, Congo (Brazzaville), French Somaliland, Gabon, Gambia, Lesotho, Malawi, Mauritania, Niger, Rwanda, St. Helena, Seychelles and dependencies, South West Africa, Southern Rhodesia, Swaziland, Upper Volta, Zambia, and unspecified Portuguese, French, and Spanish Africa.

<sup>8</sup> Separate data for Cambodia, Laos, and Viet-Nam became available during 1954. For earlier periods, total data were shown as Indochina (see footnote 9). Some unspecified transactions occurred in 1955 and 1956.

<sup>9</sup> Comprises British Solomon Islands, Fiji Islands, Indochina (see footnote 8), Macao, New Caledonia, Tonga Islands, and Western Samoa.

<sup>10</sup> Comprises Bahamas, Barbados, British Honduras, British Virgin Islands, Central American Bank for Economic Integration, French Guiana, French West Indies, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: Dept. of Commerce, Office of Business Economics; periodic report, *Foreign Grants and Credits by the United States Government*.



## No. 1220. FOREIGN ECONOMIC ASSISTANCE, BY REGION AND COUNTRY: 1948 to 1966

[In millions of dollars. For years ending June 30. See footnote 2, table 1218. Negative figures (—) occur when the value of downward adjustments is greater than the value of new commitments during a year. Includes allocations of AID funds to other agencies]

REGION AND COUNTRY	CUMULATIVE, 1948-1966			1966		
	Total	Loans	Grants	Total	Loans	Grants
<b>Total for economic assistance</b> .....	<b>42,573.5</b>	<b>11,099.3</b>	<b>31,474.2</b>	<b>2,543.3</b>	<b>1,218.8</b>	<b>1,324.6</b>
<b>Near East and South Asia</b> .....	<b>9,725.7</b>	<b>5,173.3</b>	<b>4,552.4</b>	<b>622.3</b>	<b>548.2</b>	<b>74.2</b>
Afghanistan .....	188.2	27.6	160.6	9.7	2.8	6.9
Ceylon .....	29.5	13.2	16.3	7.5	7.5	—
Cyprus .....	1.7	—	1.7	.2	—	.2
Greece .....	1,061.3	99.0	962.3	-18.4	-18.4	—
India .....	2,794.5	2,400.3	394.1	308.8	299.4	9.5
Iran .....	603.8	223.1	380.7	6.9	4.9	2.0
Iraq .....	19.0	—	19.0	(-Z)	—	(-Z)
Israel .....	513.4	235.4	278.0	9.5	9.5	—
Jordan .....	436.2	12.0	424.2	42.3	7.9	34.4
Lebanon .....	57.5	4.9	52.6	-5	-5	(Z)
Nepal .....	40.9	1.3	39.6	1.6	-1.1	2.7
Pakistan .....	1,844.1	1,199.3	644.7	114.1	107.6	6.5
Saudi Arabia .....	27.4	—	27.4	—	—	—
Syrian Arab Republic .....	19.8	18.2	1.6	-1	—	-1
Turkey .....	1,741.0	799.3	941.7	133.0	128.9	4.1
United Arab Republic (Egypt) .....	172.2	103.1	69.2	.9	-1	1.1
Yemen .....	31.7	—	31.7	2.7	—	2.7
Central Treaty Organization .....	52.8	18.3	34.5	.4	—	.4
Regional .....	90.7	18.3	72.4	3.7	—	3.7
<b>Latin America</b> .....	<b>3,657.9</b>	<b>2,435.0</b>	<b>1,222.9</b>	<b>647.4</b>	<b>505.4</b>	<b>142.0</b>
Argentina .....	141.3	129.6	11.8	-6.3	-7.8	1.5
Bolivia .....	312.8	95.5	217.3	27.5	21.8	5.7
Brazil .....	875.4	749.9	125.5	241.7	228.5	13.2
British Honduras .....	1.0	—	1.0	—	—	—
Chile .....	522.1	459.8	62.3	85.6	82.8	2.7
Colombia .....	325.0	283.6	41.4	75.4	70.5	4.9
Costa Rica .....	55.1	35.7	19.4	1.6	-2	1.7
Cuba .....	2.8	—	2.8	—	—	—
Dominican Republic .....	203.7	82.1	121.6	93.8	39.5	54.3
Ecuador .....	122.5	81.9	40.7	15.1	11.0	4.1
El Salvador .....	52.1	30.0	22.0	3.3	1.6	1.6
Guatemala .....	109.8	21.3	88.5	-1.1	-3.4	2.3
Guyana .....	21.7	9.5	12.2	6.1	4.0	2.1
Haiti .....	59.3	4.8	54.5	2.4	(-Z)	2.4
Honduras .....	57.7	31.5	26.2	11.9	9.9	2.0
Jamaica .....	17.9	11.6	6.3	1.3	—	1.3
Mexico .....	76.1	66.5	9.6	.2	—	.2
Nicaragua .....	61.2	42.3	19.0	16.0	14.3	1.7
Panama .....	80.7	47.8	32.9	11.7	10.3	1.4
Paraguay .....	55.2	27.6	27.6	11.6	9.4	2.2
Peru .....	134.0	82.6	51.4	18.3	12.7	5.6
Surinam .....	4.0	1.0	3.0	(-Z)	—	(-Z)
Trinidad and Tobago .....	34.1	—	34.1	4.9	—	4.9
Uruguay .....	29.4	22.8	6.6	5.8	5.0	.8
Venezuela .....	65.1	55.0	10.1	1.4	—	1.4
ROCAP 1 .....	80.2	62.5	17.7	-1.0	-4.5	3.5
Regional .....	157.5	—	157.5	20.3	—	20.3
<b>East Asia and Viet-Nam</b> .....	<b>9,363.0</b>	<b>780.2</b>	<b>8,582.7</b>	<b>838.0</b>	<b>76.6</b>	<b>761.5</b>
Burma .....	59.8	33.7	26.1	.2	(-Z)	.3
Cambodia .....	251.0	—	251.0	-2.0	—	-2.0
China, Republic of .....	1,372.7	217.7	1,155.0	-2.4	-2.3	-1
Indochina, undistributed .....	825.6	—	825.6	—	—	—
Indonesia .....	278.1	58.1	220.0	-1.6	—	-1.6
Japan .....	21.8	—	21.8	—	—	—
Korea .....	2,647.1	230.8	2,416.3	143.9	79.0	64.9
Laos .....	469.3	—	469.3	54.4	—	54.4
Malaysia .....	20.0	20.0	—	—	—	—
Philippines .....	276.7	47.5	229.2	2.6	(-Z)	2.6
Thailand .....	407.7	74.1	333.6	42.1	-1	42.2
Viet-Nam .....	2,668.9	88.0	2,580.9	584.4	—	584.4
Western Samoa .....	(Z)	—	(Z)	—	—	—
Regional .....	64.3	10.3	54.0	16.4	—	16.4

See footnotes at end of table.

## No. 1220. FOREIGN ECONOMIC ASSISTANCE, BY REGION AND COUNTRY: 1948 TO 1966—Continued

[In millions of dollars]

REGION AND COUNTRY	CUMULATIVE, 1948-1966			1966		
	Total	Loans	Grants	Total	Loans	Grants
<b>Africa</b>	<b>1,852.4</b>	<b>813.1</b>	<b>1,039.3</b>	<b>169.5</b>	<b>88.9</b>	<b>80.6</b>
Algeria	3.9	-	3.9	(Z)	-	(Z)
Botswana	.1	-	.1	.1	-	.1
Burundi	.6	-	.6	(Z)	-	(Z)
Cameroon	22.9	13.0	9.9	1.2	.6	.6
Central African Republic	3.3	-	3.3	.5	-	.5
Chad	3.8	-	3.8	.8	-	.8
Congo (Brazzaville)	1.8	-	1.8	-.2	-	-.2
Congo (Kinshasa)	227.5	34.0	193.5	19.6	19.0	.6
Dahomey	5.6	-	5.6	1.2	-	1.2
Ethiopia	139.3	66.4	72.9	34.6	29.9	4.6
Gabon	3.0	-	3.0	.5	-	.5
Gambia	.1	-	.1	.1	-	.1
Ghana	92.5	82.0	10.5	1.5	-	1.5
Guinea	43.6	8.6	35.0	3.2	3.2	.1
Ivory Coast	12.4	6.7	5.7	.3	-	.3
Kenya	23.3	2.9	20.4	3.1	.1	3.0
Liberia	110.9	49.7	61.2	7.3	1.4	5.9
Libya	137.6	7.0	130.6	-.1	-.1	(-Z)
Malagasy Republic	6.9	2.7	4.2	.9	-	.9
Malawi	7.0	.2	6.8	2.1	.2	1.9
Mali, Republic of	13.8	3.2	10.6	1.1	-	1.1
Mauritania	1.9	1.4	.5	.1	-	.1
Morocco	292.6	272.7	20.0	3.1	2.5	.6
Niger	8.0	2.3	5.7	.6	-	.6
Nigeria	159.0	62.2	96.8	22.3	4.6	17.7
Rwanda	2.3	-	2.3	1.5	-	1.5
Senegal	9.1	1.3	7.8	.6	-	.6
Sierra Leone	8.9	-	8.9	1.7	-	1.7
Somali Republic	42.4	6.2	36.2	4.0	-	4.0
Southern Rhodesia	7.0	5.0	2.1	(-Z)	-	(-Z)
Sudan	84.3	26.3	58.0	13.2	10.5	2.7
Tanzania	22.7	12.6	10.1	1.1	-.3	1.4
Togo	5.4	-	5.4	1.8	-	1.8
Tunisia	245.4	133.2	112.2	17.0	15.0	2.0
Uganda	18.1	5.4	12.6	2.5	.6	1.8
Upper Volta	4.6	-	4.6	.6	-	.6
Zambia	8.7	5.0	3.7	1.0	-	1.0
East Africa Regional	14.8	3.0	11.8	3.7	1.6	2.1
Regional USAID/Africa	1.3	-	1.3	.3	-	.3
Regional	56.0	-	56.0	16.7	-	16.7
<b>Europe</b>	<b>15,229.2</b>	<b>1,876.4</b>	<b>13,352.8</b>	<b>- .5</b>	<b>- .3</b>	<b>- .2</b>
Austria	726.0	-	726.0	-	-	-
Belgium-Luxembourg	560.0	68.0	492.0	-	-	-
Denmark	280.8	33.3	247.5	-	-	-
France	3,190.3	225.6	2,964.7	-	-	-
Germany:						
Federal Republic of	1,472.4	216.9	1,255.5	-	-	-
Berlin	119.0	-	119.0	-	-	-
Iceland	60.2	24.7	35.5	(-Z)	-	(-Z)
Ireland	146.5	128.2	18.3	-	-	-
Italy	1,650.3	95.6	1,554.7	-	-	-
Netherlands	991.6	152.5	839.1	-	-	-
Norway	276.8	39.2	237.6	-	-	-
Poland	61.0	61.0	-	-	-	-
Portugal	51.1	36.1	15.0	-	-	-
Spain	576.7	99.1	477.6	-.4	-.1	-.2
Sweden	106.9	20.4	86.5	-	-	-
United Kingdom	3,834.9	384.8	3,450.1	-	-	-
Yugoslavia	574.3	188.0	386.3	-.2	-.2	(-Z)
Regional	550.6	103.0	447.6	-	-	-
<b>Nonregional</b>	<b>2,745.4</b>	<b>21.4</b>	<b>2,724.0</b>	<b>266.6</b>	<b>-</b>	<b>266.6</b>

- Represents zero. Z Less than \$50,000 or net minus (-) of less than \$50,000.

¹ Regional programs for Central America and Panama.

Source: Dept. of State, Agency for International Development; annual report, *U.S. Economic Assistance Programs Administered by the Agency for International Development and Predecessor Agencies*, and *Operations Report*, issued quarterly.



# No. 1221. FOREIGN ASSISTANCE—DEVELOPMENT LOANS AUTHORIZED, BY REGION AND COUNTRY: 1958 TO 1966

[In thousands of dollars. For years ending June 30. The Development Loan Fund, incorporated as an independent agency in 1958, became part of the Agency for International Development in November 1961. "Loans authorized" represents actions taken to establish loans subject to acceptance of terms and conditions by borrowers; funds are set aside at the time of authorization. Negative figures (—) represent cancellations or reductions in authorizations made in a prior year]

REGION AND COUNTRY	Total, 1958-1966	LOANS AUTHORIZED					
		1958- 1961	1962	1963	1964	1965	1966
<b>Total</b>	<b>7,801,368</b>	<b>1,981,478</b>	<b>1,087,336</b>	<b>1,248,720</b>	<b>1,252,516</b>	<b>1,077,425</b>	<b>1,153,893</b>
<b>Near East and South Asia</b>	<b>4,534,979</b>	<b>1,202,475</b>	<b>756,200</b>	<b>758,078</b>	<b>689,996</b>	<b>587,537</b>	<b>540,693</b>
Afghanistan	15,425	700	-700	2,625	9,700	300	2,800
Ceylon	3,189	6,326	-	-3,065	-	-72	-
Cyprus	-	-	-	2,275	-	-2,275	-
Greece	63,974	43,000	10,000	31,600	7,700	-9,917	-18,409
India	2,270,329	546,400	445,900	392,299	330,599	255,775	299,356
Iran	144,111	114,855	5,655	17,400	1,302	-	4,899
Israel	195,426	56,000	45,000	45,000	19,996	19,976	9,454
Jordan	12,007	3,700	-1,000	-	-231	1,638	7,900
Lebanon	4,892	5,900	-500	-	-30	-	-478
Nepal	1,269	400	-	-	1,000	1,000	-1,131
Pakistan	1,096,336	230,994	207,145	169,350	205,987	175,270	107,590
Syrian Arab Republic	18,160	8,200	14,700	-4,500	-	-240	-
Turkey	644,307	170,800	10,000	71,094	117,473	146,082	128,858
United Arab Republic (Egypt)	65,554	15,200	20,000	34,000	-3,500	-	-146
<b>Latin America</b>	<b>2,079,601</b>	<b>227,764</b>	<b>189,296</b>	<b>341,608</b>	<b>467,055</b>	<b>386,929</b>	<b>466,949</b>
Argentina	109,580	30,750	19,863	76,400	8,200	-17,833	-7,800
Bolivia	92,035	7,750	7,600	18,298	40,550	-4,000	21,837
Brazil	674,385	240	74,470	37,400	115,400	218,360	228,515
Chile	348,991	19,000	40,000	35,000	75,603	96,550	82,838
Colombia	253,648	25,000	-	87,200	71,000	-46	70,494
Costa Rica	33,700	8,925	-	10,475	8,000	6,450	-150
Dominican Republic	24,100	-	-	2,100	-	7,500	14,500
Ecuador	53,673	16,800	5,000	6,300	16,750	7,800	1,023
El Salvador	30,035	1,600	-	16,600	9,000	1,200	1,635
Guatemala	17,849	12,899	-	700	2,700	5,000	-3,450
Guyana	9,500	-	-	-	-	5,500	4,000
Haiti	4,789	4,850	-1	-	-48	-	-12
Honduras	26,820	7,800	-	1,650	7,000	500	9,870
Jamaica	11,600	-	-	5,000	2,800	3,800	-
Mexico	66,500	-	20,000	-	22,000	24,500	-
Nicaragua	42,294	10,200	1,440	985	1,150	14,250	14,269
Panama	33,800	7,800	-	6,000	7,500	5,700	6,800
Paraguay	26,554	14,850	-676	-	3,000	-	9,380
Peru	79,448	30,500	11,600	-1,000	24,100	1,548	12,700
Uruguay	22,800	8,800	-	6,000	5,400	-2,400	5,000
Venezuela	55,000	15,000	10,000	30,000	-	-	-
Central American Bank <sup>1</sup>	62,500	5,000	-	2,500	20,000	39,500	-4,500
Other or unannounced by country	-	-	-	-	26,950	-26,950	-
<b>East Asia and Viet-Nam</b>	<b>539,362</b>	<b>273,626</b>	<b>56,242</b>	<b>53,939</b>	<b>18,348</b>	<b>60,535</b>	<b>76,672</b>
China, Republic of	157,692	114,136	25,192	30,024	-3,866	-5,536	-2,258
Indonesia	11,164	11,600	-	-131	-	-305	-
Korea	230,847	25,340	25,150	25,815	27,629	47,923	78,990
Malaysia	20,000	20,000	-	-	-	-	-
Philippines	27,515	40,150	-5,200	-1,769	-3,515	-2,147	-4
Thailand	54,144	22,500	11,100	-	-	20,600	-56
Viet-Nam	38,000	39,900	-	-	-1,900	-	-
<b>Africa</b>	<b>511,150</b>	<b>140,584</b>	<b>85,598</b>	<b>95,188</b>	<b>77,218</b>	<b>42,690</b>	<b>69,872</b>
Cameroon	13,000	-	9,200	-	-	3,200	600
Congo (Brazzaville)	-	-	-	-	2,700	-2,700	-
Ethiopia	63,386	29,630	-	3,841	700	-710	29,925
Ghana	82,000	20,000	62,000	-	-	-	-
Guinea	5,550	-	-	2,400	-2,400	2,400	3,150
Ivory Coast	6,700	-	-	1,700	5,000	-	-
Kenya	2,890	-	-	2,200	-	550	140
Liberia	49,681	3,190	-	28,450	7,350	9,300	1,391
Libya	4,891	5,000	-	-	-	-	-109
Malagasy Republic	2,700	-	-	-	-	2,700	-
Malawi	200	-	-	-	-	-	200
Mali, Republic of	3,200	-	-	2,100	1,100	-	-
Morocco	27,850	23,000	-	-	2,300	-	2,550
Niger	2,300	-	-	500	1,800	-	-
Nigeria	62,161	3,764	-	11,997	31,400	10,400	4,600
Senegal	1,300	-	-	-	1,300	-	-
Somali Republic	6,200	2,000	-	3,600	-	600	-
Sudan	26,303	10,000	2,000	3,800	-22	-	10,525
Tanzania	12,588	1,900	-2	6,900	3,890	200	-300
Tunisia	129,750	42,100	12,400	23,300	20,200	16,750	15,000
Uganda	5,450	-	-	4,400	400	-	650
East Africa Regional	3,050	-	-	-	1,500	-	1,550
<b>Europe</b>	<b>136,276</b>	<b>137,029</b>	<b>-</b>	<b>-93</b>	<b>-101</b>	<b>-266</b>	<b>-293</b>
Netherlands	3,000	3,000	-	-	-	-	-
Spain	16,782	17,029	-	-10	-100	-	-137
Yugoslavia	116,494	117,000	-	-83	-1	-266	-156

- Represents zero. <sup>1</sup> Allotted through the Regional Office for Central America and Panama.

Source: Dept. of State, Agency for International Development; *Operations Report*, issued quarterly.

**No. 1222. FOREIGN ASSISTANCE—AID EXPENDITURES FOR COMMODITIES: 1966**  
 [In thousands of dollars. For year ending June 30. Negative figures (—) represent adjustments in cumulative records. See text, p. 812. "N.e.c." means not elsewhere classified]

COMMODITY GROUP	Total	Percent expenditures in U.S.	COMMODITY GROUP	Total	Percent expenditures in U.S.
<b>AID commodity expenditures</b> .....	<b>1,231,627</b>	<b>90</b>	<b>Raw materials and semifinished products—Continued</b>		
<b>Machinery and vehicles</b> .....	<b>532,692</b>	<b>95</b>	DDT—20 percent or more .....	12,769	100
Machinery and equipment.....	394,717	94	Pigments, paints, and varnishes.....	8,539	93
Construction, mining, and conveying equipment.....	82,580	98	Pesticides and agricultural chemical specialties.....	8,092	99
Electrical apparatus.....	69,299	90	Other.....	14,633	96
Tractors and agricultural equipment.....	57,069	99	<b>Nonferrous metals and products</b> .....	72,288	93
Engines and turbines.....	31,594	90	Copper.....	41,092	98
Generators and motors.....	20,225	96	Aluminum.....	20,777	83
Metalworking machinery.....	13,856	90	Tin.....	7,342	99
Other and misc. industrial machinery, n.e.c.....	120,094	94	Other.....	3,077	79
Motor vehicles, engines, and parts.....	93,590	98	Pulp and paper.....	30,751	84
Railroad transportation equipment.....	30,368	99	Fabricated basic textiles.....	29,891	96
Aircraft, engines, and parts.....	5,692	100	Sulphur, crude, crushed, refined, etc.....	7,168	99
Other transportation equipment.....	8,325	77	Other.....	22,586	80
<b>Raw materials and semifinished products</b> .....	<b>466,043</b>	<b>87</b>	<b>Fertilizer, feed, and foodstuffs</b> .....	<b>140,779</b>	<b>86</b>
Iron and steel mill products.....	162,661	82	Fertilizer, all types.....	93,251	93
Plates, sheets, and skelp.....	74,313	82	Rice.....	28,154	52
Bars and rods.....	21,543	63	Fats and oils.....	10,316	100
Tinplate, terneplate, and blackplate.....	15,732	99	Other.....	9,058	99
Tubes, pipes, and fittings.....	13,207	82	<b>Fuel</b> .....	<b>46,174</b>	<b>74</b>
Wire and wire products.....	11,861	68	Petroleum and products.....	43,091	72
Blooms, billets, slabs, etc.....	9,938	98	Petroleum nonfuels.....	32,703	94
Other.....	16,067	89	Petroleum fuels.....	10,388	5
Chemicals and related products.....	140,698	91	Coal and related fuels.....	3,083	98
Industrial chemicals.....	38,144	93	<b>Miscellaneous and other, incl. adjustments</b> .....	<b>45,943</b>	<b>90</b>
Medicinal and pharmaceutical preparations.....	34,775	78	Rubber and products.....	33,513	99
Raw materials for plastics.....	23,746	92	Iron and steel finished manuf.....	13,431	75
			Scientific and professional instruments.....	5,835	97
			Other commodities and adjustments.....	—6,836	(X)

X Not applicable.

Source: Dept. of State, Agency for International Development; *Operations Report*, issued quarterly, and unpublished data.

**No. 1223. EXPORTS AND IMPORTS OF MERCHANDISE, GOLD, AND SILVER: 1936 TO 1966**

[In millions of dollars, except per capita. For basis of dollar values and for area coverage, see text, pp. 812 and 813. Beginning 1940, per capita figures based on estimated population including Armed Forces abroad. See also *Historical Statistics, Colonial Times to 1957*, series U 1-3 and U 10-14]

YEARLY AVERAGE OR YEAR	TOTAL MERCHANDISE, GOLD, AND SILVER			MERCHANDISE						
				Exports				Imports		Excess of exports
	Exports	Imports	Excess of exports	Total	U.S. merchand- ise		Reex- ports	General	Per capita <sup>1</sup>	
					Total	Per capita				
1936-1940-----	3, 246	5, 228	-1, 981	3, 220	3, 167	\$23. 95	53	2, 482	\$18. 45	737
1941-1945-----	10, 341	3, 869	6, 472	10, 051	9, 922	71. 12	129	3, 514	24. 91	6, 537
1946-1950-----	12, 123	7, 841	4, 282	11, 829	11, 673	78. 16	157	6, 659	44. 08	5, 170
1951-1955-----	15, 492	11, 117	4, 375	15, 333	15, 196	93. 49	137	10, 832	66. 35	4, 502
1956-1960-----	19, 262	14, 025	5, 237	19, 204	19, 029	107. 42	176	13, 650	76. 60	5, 554
1961-1965-----	24, 675	17, 799	6, 875	24, 002	23, 704	123. 36	299	17, 656	91. 33	6, 346
1955-----	15, 563	11, 562	4, 001	15, 547	15, 419	91. 68	128	11, 384	67. 41	4, 163
1960-----	20, 606	15, 046	5, 559	20, 578	20, 378	111. 33	200	14, 654	82. 02	5, 924
1963-----	23, 593	17, 253	6, 340	23, 347	23, 062	120. 15	285	17, 138	88. 58	6, 209
1964-----	27, 056	18, 791	8, 264	26, 489	26, 136	134. 24	352	18, 684	95. 53	7, 805
1965-----	28, 817	21, 532	7, 285	24, 478	27, 135	137. 60	343	21, 366	107. 92	6, 113
1966-----	30, 908	25, 671	5, 237	30, 336	29, 899	149. 86	437	25, 550	127. 15	4, 786

<sup>1</sup> Based on imports for consumption.

Source: Dept. of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.



## No. 1224. FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1941 TO 1966

[In millions of dollars. For basis of dollar values and area coverage, see text, pp. 812 and 813. See *Historical Statistics, Colonial Times to 1957*, series U 4-9, for gold and silver]

ITEM	1941-1945, avg.	1946-1950, avg.	1951-1955, avg.	1956-1960, avg.	1961-1965, avg.	1955	1960	1965	1966
<b>Merchandise:</b>									
Exports (incl. reexports).....	10,051	11,829	15,333	19,213	24,002	15,547	20,578	27,478	30,336
Special Category <sup>1</sup> .....	(X)	(X)	2,297	1,860	1,882	1,593	1,665	1,238	1,258
Exports, excl. Special Category <sup>1</sup> .....	(X)	(X)	13,035	17,353	22,121	13,954	18,913	26,240	29,078
U. S. merchandise.....	9,922	11,673	15,196	19,037	23,704	15,419	20,378	27,135	29,899
Reexports of foreign merchandise.....	129	157	137	176	299	128	200	343	437
<b>General imports</b> .....	3,514	6,659	10,832	13,650	17,656	11,384	14,654	21,366	25,550
Entered for immediate consumption.....	3,055	5,895	9,850	12,491	16,136	10,467	13,282	19,661	23,874
Entered for warehouse.....	429	764	982	1,159	1,520	917	1,372	1,705	1,676
<b>Excess of exports</b> .....	6,537	5,170	4,501	5,554	6,346	4,163	5,924	6,113	4,786
<b>Imports for consumption</b> .....	3,476	6,584	10,784	13,570	17,557	11,337	15,014	21,283	25,367
Entered for immediate consumption.....	3,055	5,895	9,850	12,491	16,136	10,467	13,645	19,661	23,874
Withdrawn from warehouse.....	421	688	934	1,079	1,420	869	1,368	1,623	1,492
Free.....	2,294	3,843	5,975	8,843	6,571	6,037	6,142	7,434	9,344
Dutiable.....	1,182	2,741	4,809	7,727	10,986	5,300	8,872	13,849	16,023
Percent free.....	66	53	55	43	37	53	41	35	37
Duties calculated <sup>2</sup> .....	380	439	582	882	1,300	633	1,078	1,643	1,921
Ratio of duties (percent):									
To total imports for consumption.....	11	7	5	7	7	6	7	13	8
To dutiable imports.....	32	16	12	11	12	12	12	15	6
<b>Gold:</b>									
Exports.....	238	271	152	46	614	7	2	1,285	457
Imports.....	322	1,106	202	267	79	105	335	102	42
Excess of exports (+) or imports (-).....	-83	-835	-50	-221	+535	-97	-333	+1,183	+415
<b>Silver:</b>									
Exports.....	51	22	7	12	59	8	26	54	114
Imports.....	33	76	84	108	64	73	57	65	78
Excess of exports (+) or imports (-).....	+18	-54	-77	-96	-6	-65	-32	-11	+36

X Not applicable.

<sup>1</sup> Beginning 1950, exports of certain commodities were grouped into Special Categories for security reasons. Data reflect changes made in list of such commodities during 1957, 1960, and 1965. Also, data reflect the declassification during 1960 of certain aviation fuels previously classified as Special Category commodities.

<sup>2</sup> 1947-1959, data from Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses.

Source: Dept. of Commerce, Bureau of the Census (except as noted); prior to 1947, *Foreign Commerce and Navigation of the United States*; thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

## No. 1225. EXPORTS OF U.S. MERCHANDISE AND IMPORTS—INDEXES OF QUANTITY AND VALUE: 1951 TO 1965

[1957-59 average=100. For area coverage, see text, p. 813. See *Historical Statistics, Colonial Times to 1957*, series U 21-44, for indexes on a 1913 and 1923-25 base]

ITEM	EXPORTS OF U.S. MERCHANDISE <sup>1</sup>					IMPORTS <sup>2</sup>				
	1951-55, avg.	1956-60, avg.	1963	1964	1965 (prel.)	1951-55, avg.	1956-60, avg.	1963	1964	1965 (prel.)
<b>Quantity</b> .....	81	103	127	143	144	76	100	127	135	153
Crude materials.....	78	103	107	121	95	90	100	109	119	121
Crude foodstuffs <sup>3</sup> .....	70	104	158	176	182	95	98	107	105	104
Manufactured foodstuffs <sup>3</sup> .....	71	105	143	157	156	76	99	129	121	125
Semimanufactures.....	70	106	141	171	177	79	99	122	125	152
Finished manufactures.....	88	102	121	136	140	52	100	151	175	211
<b>Unit value</b> .....	94	100	101	102	106	103	100	96	98	99
Crude materials.....	106	99	100	100	104	104	100	95	96	99
Crude foodstuffs <sup>3</sup> .....	113	100	106	107	103	115	100	83	101	100
Manufactured foodstuffs <sup>3</sup> .....	107	98	94	96	102	98	99	106	104	103
Semimanufactures.....	95	101	89	89	95	99	101	92	95	98
Finished manufactures.....	88	99	106	107	111	100	100	100	100	100
<b>Value</b> .....	76	102	128	147	152	78	100	122	133	152
Crude materials.....	83	103	108	121	99	94	100	104	114	120
Crude foodstuffs <sup>3</sup> .....	80	104	168	188	187	109	99	90	105	104
Manufactured foodstuffs <sup>3</sup> .....	76	103	134	151	159	75	97	137	126	130
Semimanufactures.....	66	107	125	153	168	79	100	113	119	148
Finished manufactures.....	77	101	128	145	155	52	100	152	175	211

<sup>1</sup> Includes Commodity Credit Corporation sales for export at prices well below U.S. market quotations and other agricultural exports under Government programs. Excludes military grant aid.

<sup>2</sup> Value indexes for 1964 and all indexes for 1965 are based on general imports. Unit value indexes for 1964 and all indexes for prior years are based on imports for consumption.

<sup>3</sup> "Manufactured foodstuffs" includes beverages and, from 1951 though 1957, all exports of foodstuffs for relief or charity. Beginning 1958, exports of crude foodstuffs for relief or charity included with "Crude foodstuffs" and manufactured with "Manufactured foodstuffs."

Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*.

## No. 1226. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1966

[In millions of dollars. Totals include data for commodities not shown separately. Beginning 1965, data not comparable with earlier years due to change in U.S. export classification effective January 1, 1965; however, to achieve best comparability possible with 1965, 1960-1964 data have been retabulated on the basis of major content of commodity items. "N.e.c." means not elsewhere classified]

COMMODITY	1960	1961	1962	1963	1964	1965	1966
<b>U.S. merchandise</b> .....	<b>20,383</b>	<b>20,754</b>	<b>21,431</b>	<b>23,062</b>	<b>26,156</b>	<b>27,135</b>	<b>29,899</b>
<b>Food and live animals</b> <sup>1</sup> .....	<b>2,684</b>	<b>2,960</b>	<b>3,245</b>	<b>3,657</b>	<b>4,083</b>	<b>4,003</b>	<b>4,567</b>
Meat and preparations.....	115	133	138	144	177	162	159
Meat, fresh, chilled or frozen.....	84	109	117	121	150	136	130
Dairy products and eggs <sup>1</sup> .....	123	156	181	253	292	192	125
Grains and preparations <sup>1</sup> .....	1,761	1,998	2,154	2,380	2,662	2,637	3,189
Wheat, including wheat flour <sup>1</sup> .....	1,029	1,300	1,136	1,330	1,533	1,185	1,536
Rice <sup>1</sup> .....	151	112	153	178	206	244	230
Coarse grains <sup>1</sup> .....	518	518	808	793	856	1,135	1,335
Corn <sup>1</sup> .....	285	365	531	591	652	833	876
Grain sorghums.....	108	73	122	138	122	209	357
Fruits and nuts.....	265	280	300	295	307	339	340
Fruit, fresh.....	119	124	124	133	143	145	156
Vegetables <sup>1</sup> .....	133	117	143	170	153	145	169
Feed for animals.....	87	93	152	201	222	278	332
<b>Beverages and tobacco</b> .....	<b>483</b>	<b>506</b>	<b>498</b>	<b>531</b>	<b>551</b>	<b>517</b>	<b>624</b>
Tobacco and manufactures.....	477	499	491	523	545	506	611
Leaf tobacco.....	379	390	372	401	409	378	472
Cigarettes.....	87	97	106	107	115	105	110
<b>Crude materials, inedible, except fuels</b> .....	<b>2,805</b>	<b>2,794</b>	<b>2,226</b>	<b>2,493</b>	<b>2,969</b>	<b>2,855</b>	<b>3,073</b>
Hides and skins, except fur skins.....	76	86	83	75	93	109	155
Soybeans, except canned.....	336	343	407	472	567	651	760
Synthetic rubber.....	201	172	170	156	179	161	175
Wood in the rough.....	38	55	54	80	93	125	137
Wood shaped or simply worked.....	104	87	91	108	120	119	132
Lumber, softwood.....	78	62	68	85	94	94	101
Woodpulp.....	154	159	158	182	208	190	210
Textile fibers and wastes.....	1,111	1,002	654	712	818	617	566
Raw cotton, excluding linters.....	980	875	528	577	682	486	432
Ores and metal scrap.....	493	596	313	370	503	434	422
Iron and steel scrap.....	242	354	149	175	243	197	177
Ores and scrap, nonferrous.....	193	188	101	119	180	154	152
<b>Mineral fuels and related materials</b> .....	<b>842</b>	<b>797</b>	<b>828</b>	<b>978</b>	<b>953</b>	<b>947</b>	<b>978</b>
Coal.....	354	340	376	474	463	477	468
Petroleum and products.....	468	432	430	479	461	418	436
Lubricating oils.....	196	206	213	215	206	185	190
<b>Animal and vegetable oils and fats</b> .....	<b>295</b>	<b>272</b>	<b>301</b>	<b>303</b>	<b>414</b>	<b>472</b>	<b>356</b>
Tallow, inedible.....	99	114	92	104	154	179	152
Soybean oil.....	110	78	134	120	140	162	124
<b>Chemicals</b> .....	<b>1,776</b>	<b>1,789</b>	<b>1,876</b>	<b>2,009</b>	<b>2,364</b>	<b>2,402</b>	<b>2,676</b>
Chemical elements and compounds.....	612	602	624	749	907	970	1,030
Dyeing, tanning, and coloring materials.....	73	75	78	79	91	93	106
Medicinal and pharmaceutical products.....	238	234	240	238	235	256	269
Fertilizers, manufactured.....	72	79	99	92	137	153	221
Plastic materials and resins.....	315	308	316	323	402	425	472
<b>Machinery and transport equipment</b> .....	<b>6,992</b>	<b>7,313</b>	<b>8,026</b>	<b>8,243</b>	<b>9,369</b>	<b>10,147</b>	<b>11,161</b>
Machinery <sup>2</sup> .....	4,476	4,968	5,447	5,702	6,525	6,934	7,678
Machinery, nonelectrical <sup>2</sup> .....	3,386	3,743	4,087	4,209	4,860	5,274	5,779
Power generating machinery.....	490	565	694	661	676	841	975
Agricultural machinery.....	147	146	158	183	225	219	233
Tractors and parts.....	418	395	400	462	600	646	627
Office machines.....	160	200	188	175	216	248	262
Electronic computers, parts and accessories.....	48	110	136	187	218	223	295

See footnotes at end of table.



No. 1226. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1966—  
Continued

[In millions of dollars]

COMMODITY	1960	1961	1962	1963	1964	1965	1966
<b>Machinery and transport equipment—Continued</b>							
Machinery, nonelectrical—Con.							
Metalworking machinery.....	293	391	435	347	408	332	338
Metalcutting machines.....	117	181	197	133	191	159	145
Textile and leather machinery.....	180	210	200	190	228	207	227
Other machines.....	1,650	1,725	1,876	2,004	2,289	2,558	2,822
Construction, excavating, and maintenance equipment.....	270	276	311	322	383	323	320
Materials handling equipment.....	193	212	218	262	298	397	432
Air-conditioning and refrigerating equipment and parts.....	135	138	144	160	193	210	251
Pumping equipment, incl. parts.....	81	85	94	103	110	143	170
Pipe valves and parts.....	64	71	77	83	90	111	129
Electrical apparatus.....	1,090	1,225	1,361	1,493	1,665	1,660	1,899
Power machinery and switchgear.....	250	255	264	326	356	472	488
Generators or generating sets.....	85	61	57	99	122	149	120
Transforming, converting, and transmission apparatus.....	83	94	102	109	119	120	132
Telecommunications apparatus.....	228	274	367	390	404	345	381
Radio and television apparatus.....	180	227	314	334	346	304	338
Domestic electrical equipment.....	112	106	100	98	112	116	130
Transport equipment <sup>1</sup> .....	2,517	2,346	2,579	2,540	2,844	3,214	3,483
Railway vehicles.....	133	164	155	140	112	140	116
Road motor vehicles and parts <sup>2</sup> .....	1,270	1,188	1,365	1,518	1,749	1,744	2,155
Automobiles, nonmilitary, new.....	237	228	265	286	347	393	564
Trucks and tractor trucks, commercial, new.....	339	282	227	229	290	279	301
Parts and accessories, commercial.....	524	529	636	726	848	875	1,023
Aircraft, parts, and accessories.....	1,024	903	980	817	874	1,137	1,101
Civilian aircraft.....	537	337	323	248	287	478	553
<b>Other manufactured goods.....</b>	<b>3,791</b>	<b>3,646</b>	<b>3,753</b>	<b>4,007</b>	<b>4,655</b>	<b>4,839</b>	<b>5,279</b>
Rubber manufactures.....	152	140	146	148	161	162	168
Paper and manufactures.....	255	280	286	312	374	389	443
Paper and paperboard.....	185	199	198	220	274	325	368
Nonmetallic mineral manufactures, n.e.c.....	198	202	222	262	301	302	342
Metals and manufactures.....	1,608	1,359	1,359	1,420	1,723	1,736	1,776
Iron and steelmill products.....	635	454	455	505	664	607	537
Plates and sheets.....	381	205	208	216	288	184	142
Tubes, pipes, and fittings.....	102	108	104	130	129	160	189
Nonferrous base metals.....	517	435	407	406	487	539	582
Copper.....	291	271	222	208	228	293	307
Aluminum.....	154	93	115	126	159	159	178
Manufactures of metal, n.e.c.....	427	435	481	495	539	553	615
Tools for hand or machine.....	110	112	119	114	130	141	156
Textiles, other than clothing.....	478	478	492	489	577	528	554
Textile yarn and thread.....	114	109	135	123	153	131	128
Cotton broad-woven fabrics, exc. remnants.....	142	140	126	109	118	98	110
Textile fabrics woven, exc. cotton.....	102	97	101	118	140	135	137
Clothing.....	140	134	121	135	141	143	164
Professional, scientific, and controlling instruments.....	241	268	313	336	377	480	565
Photographic supplies and developed film.....	80	90	98	111	127	154	183
Printed matter.....	137	149	160	175	201	226	262
<b>Other transactions.....</b>	<b>718</b>	<b>675</b>	<b>676</b>	<b>841</b>	<b>794</b>	<b>954</b>	<b>1,187</b>
Firearms of war and ammunition.....	485	459	433	586	524	644	844
Estimate for shipments \$100 or less.....	174	172	179	194	228	245	262

<sup>1</sup> Includes relief shipments.

<sup>2</sup> Includes parts for tractors.

<sup>3</sup> Excludes parts for tractors.

Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports*, U.S. Foreign Trade. (Includes revisions and adjustments tabulated by the Bureau of the Census.)

## No. 1227. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1958 TO 1965

[In millions of dollars. Totals include data for commodities not shown separately. Beginning with the introduction of the new tariff schedule September 1963 figures for some commodities are not comparable with data for earlier years. "N.e.c." means not elsewhere classified]

COMMODITY	1958	1959	1960	1961	1962	1963	1964	1965
<b>General Imports</b> .....	<b>13,220</b>	<b>15,629</b>	<b>15,019</b>	<b>14,716</b>	<b>16,382</b>	<b>17,140</b>	<b>18,684</b>	<b>21,366</b>
<b>Food and live animals</b> .....	<b>3,208</b>	<b>3,173</b>	<b>2,996</b>	<b>3,018</b>	<b>3,243</b>	<b>3,401</b>	<b>3,487</b>	<b>3,460</b>
Cattle, except for breeding.....	130	81	62	94	111	68	42	98
Meat and preparations.....	324	386	314	376	469	527	410	426
Meat, fresh or frozen.....	149	227	176	225	313	359	257	231
Ham, shoulders, and bacon, canned, cooked, and boned.....	90	82	86	86	95	101	106	132
Fish.....	279	314	308	337	403	394	426	469
Grains and feed for animals.....	104	96	82	88	84	101	123	95
Fruits and nuts.....	178	204	218	205	204	235	301	339
Bananas <sup>1</sup> .....	69	77	79	77	78	82	127	162
Vegetables.....	97	91	96	98	103	109	125	139
Sugar.....	520	496	507	458	505	611	458	443
Coffee, green or roasted.....	1,171	1,097	1,003	964	989	957	1,200	1,061
Cocoa or cacao beans.....	173	165	143	160	132	135	131	121
Tea.....	48	52	56	54	60	58	60	58
Spices.....	31	34	45	37	38	35	39	51
<b>Beverages and tobacco</b> .....	<b>343</b>	<b>407</b>	<b>396</b>	<b>437</b>	<b>431</b>	<b>462</b>	<b>535</b>	<b>553</b>
Alcoholic beverages.....	237	270	273	298	321	345	387	426
Tobacco, unmanufactured.....	101	132	117	134	107	113	142	121
<b>Crude materials, inedible, exc. fuels</b> .....	<b>2,331</b>	<b>2,907</b>	<b>2,711</b>	<b>2,485</b>	<b>2,668</b>	<b>2,673</b>	<b>2,815</b>	<b>3,034</b>
Hides and skins, except fur skins.....	54	88	70	64	66	65	82	80
Fur skins, undressed.....	81	96	96	89	102	114	102	113
Oilseeds, oil nuts, and oil kernels.....	55	75	70	58	55	46	50	63
Rubber, including latex.....	248	383	322	217	228	197	201	182
Wood, shaped or simply worked.....	262	338	310	314	336	363	364	375
Lumber, softwood.....	225	235	260	271	284	305	294	300
Lumber, hardwood.....	37	51	49	41	51	55	67	74
Woodpulp.....	277	315	305	303	331	329	370	399
Textile fibers and wastes.....	324	453	395	406	422	449	407	436
Wool and other animal hair.....	186	285	235	244	251	280	262	283
Vegetable fibers.....	86	94	102	108	104	96	66	60
Industrial diamonds.....	40	63	52	69	51	50	60	56
Asbestos, unmanufactured.....	60	58	65	63	59	64	73	70
Ores and metal scrap.....	653	720	723	599	685	664	793	915
Iron ore and concentrates.....	232	312	322	250	325	323	421	444
Ores and concentrates of nonferrous base metals.....	380	360	365	309	325	304	328	395
Bauxite crude.....	70	74	78	89	122	115	129	143
<b>Mineral fuels and related materials</b> .....	<b>1,631</b>	<b>1,568</b>	<b>1,574</b>	<b>1,725</b>	<b>1,874</b>	<b>1,914</b>	<b>2,030</b>	<b>2,222</b>
Petroleum and products.....	1,605	1,538	1,537	1,672	1,778	1,804	1,907	2,093
Petroleum, crude and partly refined.....	1,001	945	957	1,024	1,100	1,114	1,170	1,212
Petroleum products.....	604	593	580	647	678	690	736	881
Natural gas.....	22	26	33	50	92	104	99	105
<b>Animal and vegetable oils and fats</b> .....	<b>98</b>	<b>104</b>	<b>95</b>	<b>93</b>	<b>98</b>	<b>105</b>	<b>119</b>	<b>116</b>
<b>Chemicals</b> .....	<b>789</b>	<b>868</b>	<b>821</b>	<b>738</b>	<b>772</b>	<b>715</b>	<b>714</b>	<b>781</b>
Organic chemicals.....	43	52	61	57	74	93	132	160
Inorganic chemicals.....	115	146	133	123	124	124	141	158
Uranium oxide.....	422	420	364	276	252	190	111	58
Medicinal and pharmaceutical products.....	32	42	47	56	56	50	41	58
Fertilizers, manufactured.....	65	74	77	81	88	90	105	124
<b>Machinery and transport equipment</b> .....	<b>1,153</b>	<b>1,633</b>	<b>1,467</b>	<b>1,364</b>	<b>1,674</b>	<b>1,819</b>	<b>2,216</b>	<b>2,947</b>
Machinery <sup>2</sup> .....	483	676	724	789	954	1,054	1,314	1,799
Machinery, nonelectrical <sup>2</sup> .....	316	427	438	455	540	635	871	1,160
Power generating machinery.....	12	20	24	35	28	49	136	195
Agricultural machinery.....	94	117	89	80	100	117	144	156
Tractors and parts.....	29	52	46	35	52	55	51	93
Office machines.....	38	51	68	75	85	98	104	136
Metalworking machinery.....	29	32	37	34	41	48	40	63
Textile and leather machinery.....	52	71	70	82	94	93	127	157
Other machines.....	63	84	103	115	139	176	270	360

See footnotes at end of table.



No. 1227. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1958 TO 1965—  
Continued

[In millions of dollars]

COMMODITY	1958	1959	1960	1961	1962	1963	1964	1965
<b>Machinery and transport equipment—Continued</b>								
Machinery <sup>2</sup> —Continued								
Electrical apparatus.....	167	249	286	334	415	419	443	639
Power machinery and switchgear.....	26	33	23	28	25	22	41	67
Telecommunications apparatus.....	34	83	127	160	216	220	225	314
Electron tubes, transistors, semiconductor devices, and parts.....	(3)	(3)	13	18	27	31	34	63
Transport equipment <sup>4</sup> .....	670	957	742	575	720	764	902	1,148
Automobiles and parts.....	551	844	627	378	515	563	686	810
Automobiles, new.....	488	735	514	307	422	449	579	658
Motorcycles.....	13	13	13	14	24	38	69	134
Aircraft and parts.....	74	61	54	137	123	91	83	141
<b>Other manufactured goods</b> .....	3,342	4,589	4,559	4,421	5,180	5,532	6,178	7,522
Leather manufactures and dressed furs.....	36	60	52	51	66	65	69	89
Wood and cork manufactures <sup>5</sup> .....	132	190	163	163	208	236	264	274
Veneers, plywood, and other wood, worked.....	83	130	103	100	135	155	188	192
Plywood.....	64	99	76	73	101	109	122	123
Paper and manufactures.....	671	738	756	752	774	765	827	870
Newsprint.....	614	666	688	687	696	688	752	790
Construction materials of lime, cement, and clay.....	26	43	45	43	37	62	69	71
Glass, glassware, and pottery.....	100	143	142	127	143	140	164	168
Glass.....	39	64	55	53	58	50	60	57
Pottery.....	46	57	65	52	59	63	69	75
Diamonds, excluding industrial.....	141	181	166	193	192	224	260	308
Metals and manufactures.....	1,162	1,754	1,513	1,455	1,685	1,883	2,113	2,868
Pig iron and ferroalloys.....	37	86	55	64	57	58	70	94
Iron and steelmill products.....	171	478	431	346	457	598	715	1,140
Bars, rods, shapes and pilings.....	95	227	188	171	200	233	264	377
Plates and sheets.....	4	85	86	22	66	138	196	475
Steel wire.....	22	42	39	35	49	54	66	79
Tubes, pipes and fittings.....	35	88	83	82	99	113	126	144
Nonferrous base metals.....	783	944	775	804	892	939	970	1,197
Copper.....	257	377	353	280	297	331	400	425
Nickel.....	118	136	89	154	192	163	154	189
Aluminum.....	141	153	107	131	174	195	200	264
Lead.....	82	74	61	65	48	45	47	61
Tin.....	90	103	88	98	104	109	104	167
Platinum group metals.....	7	14	13	16	14	32	51	69
Manufactures of metal, n.e.c.....	165	245	251	241	279	289	307	367
Nails, screws, and bolts.....	41	67	56	52	63	66	78	101
Textiles, other than clothing.....	379	497	562	514	663	679	681	799
Textile yarn and thread.....	19	32	36	34	61	56	53	66
Cotton fabrics, woven.....	50	64	97	74	114	110	103	134
Textile fabrics, woven, exc. cotton <sup>6</sup> .....	197	258	275	255	316	348	349	423
Twine and cordage.....	34	35	34	37	43	52	56	48
Floor coverings and tapestries.....	35	53	58	54	57	45	54	54
Clothing.....	174	259	304	259	368	395	451	543
Footwear.....	46	96	148	123	133	124	140	160
Professional, scientific, photographic and controlling instruments.....	60	73	82	89	107	118	150	178
Cameras and parts.....	29	33	31	34	42	41	48	56
Optical goods, instruments and parts.....	19	24	27	28	32	37	39	46
Clocks and watches.....	59	72	70	66	77	77	83	100
Sound reproducers, musical instruments and parts.....	19	30	47	63	68	92	118	157
Printed matter.....	34	39	46	49	58	62	69	77
Rubber and plastic manufactures, n.e.c.....	27	54	50	52	62	73	99	118
Toys, games, and sporting goods.....	33	49	84	85	109	124	141	155
Artworks and antiques.....	60	63	73	83	105	108	108	141
<b>Other transactions</b> .....	325	380	401	435	440	517	590	731
U.S. goods returned.....	213	241	253	275	278	310	368	439
Low-value shipments <sup>7</sup> .....	100	122	130	140	139	174	181	233

<sup>1</sup> Beginning 1965, not comparable with data for earlier years due to change in valuation, initiated May 1964, increasing the average price per pound.<sup>2</sup> Includes parts for tractors. <sup>3</sup> Not reported separately. <sup>4</sup> Excludes parts for tractors.<sup>5</sup> Excludes furniture. <sup>6</sup> Excludes narrow or special fabrics.<sup>7</sup> Formal entries value \$1 to \$99 and informal entries under \$250.Source: Dept. of Commerce, Bureau of International Commerce; *Overseas Business Reports, U.S. Foreign Trade*. (Includes revisions published in Bureau of the Census; *Foreign Commerce and Navigation of the United States, 1946-1963*.)

No. 1228. DOMESTIC EXPORTS IN RELATION TO DOMESTIC OUTPUT, SELECTED COMMODITY GROUPS: 1960 AND 1964

[Data cover 4-digit Standard Industrial Classification (SIC) commodity groups with exports valued over \$10 million and accounting for 15 percent or more of domestic output in 1960 or 1964. For a description of origin, classification, and limitations of the data, see source. "N.e.c." means not elsewhere classified]

COMMODITY GROUP	EXPORTS (mil. dol.)		PERCENT OF OUTPUT	
	1960	1964	1960	1964
<b>AGRICULTURE</b>				
Cotton farm products <sup>1</sup> .....	981.8	683.7	41	26
Cash grains.....	1,752.7	2,836.6	19	29
Leaf tobacco.....	377.9	409.2	32	31
<b>MINERALS</b>				
Molybdenum ores and concentrates.....	39.8	41.0	46	42
Anthracite <sup>2</sup> .....	22.7	22.1	15	15
Bituminous coal and lignite <sup>2</sup> .....	331.2	441.2	17	20
Phosphate rock.....	37.5	52.6	23	33
Sulfur.....	40.8	39.7	35	34
<b>MANUFACTURES</b>				
Dried and dehydrated fruits and vegetables.....	47.8	49.9	16	15
Milled rice and byproducts <sup>3</sup> .....	147.5	204.4	52	47
Cottonseed oil mill products.....	54.7	74.9	13	15
Soybean oil mill products.....	119.7	217.5	12	17
Grease and inedible tallow.....	111.1	190.2	51	41
Pulpmill products <sup>4</sup> .....	167.2	221.7	27	27
Synthetic rubber.....	200.7	179.2	25	19
Gum and wood chemicals.....	62.3	42.1	34	20
Agricultural chemicals and formulations.....	90.2	122.4	18	16
Carbon black <sup>5</sup> .....	49.6	31.9	35	21
Chemical preparations, n.e.c.....	109.1	163.2	12	15
Copper smelter and refining products <sup>6</sup> .....	280.2	209.0	45	27
Steam engines, turbines, turbogenerators, and parts.....	46.2	136.3	7	23
Internal combustion engines, n.e.c.....	173.8	257.3	15	16
Farm machinery and equipment.....	207.1	413.1	11	15
Construction and mining machinery and equipment.....	789.9	1,112.3	33	35
Oil field machinery and equipment.....	159.6	150.5	31	23
Metalcutting machine tools and parts.....	127.8	204.8	17	18
Machine tools, metalforming, and parts.....	88.8	125.0	22	24
Metalworking machinery, n.e.c.....	130.5	147.5	22	19
Food products machinery.....	72.1	108.3	16	19
Textile machinery and parts.....	113.8	140.3	23	25
Woodworking machinery and parts.....	26.2	35.0	15	14
Paper industries machinery and parts.....	62.5	64.4	18	17
Printing machinery and parts.....	45.6	82.9	13	19
Special industry machinery, n.e.c.....	177.6	247.2	19	21
Computing and related machines <sup>7</sup> .....	169.7	368.6	13	18
Scales and balances, except laboratory.....	9.6	12.1	15	13
Commercial laundry equipment and parts.....	14.0	29.8	12	20
Sewing machines and parts <sup>8</sup> .....	36.2	38.6	28	36
Aircraft, and aircraft and missile engines and parts <sup>9</sup> .....	984.8	759.1	18	14
Aircraft propellers and parts.....	11.1	12.8	11	18
Aircraft parts and auxiliary equipment, n.e.c.....	300.2	376.8	11	16
Scientific and mechanical measuring instruments, and automatic temperature controls <sup>10</sup> .....	190.1	328.7	(NA)	15
Surgical and medical instruments and apparatus <sup>11</sup> .....	27.5	49.8	17	16
Pens and mechanical pencils.....	23.6	28.3	16	16

NA Not available. <sup>1</sup> Includes seed.

<sup>2</sup> Percents based on quantity are considerably lower than those based on value (see source).

<sup>3</sup> Exports exclude rice flour, meal and polishing, and rice mill feeds; include private shipments for relief and charity amounting to \$21.5 million for 1960 and \$0.1 million for 1964.

<sup>4</sup> The value of imports exceeds that of exports for this commodity group.

<sup>5</sup> Exports include ink or color blacks.

<sup>6</sup> Percents are based on data for refined copper and alloys. Output also includes substantial amounts of duplication for 1964.

<sup>7</sup> Exports exclude miscellaneous type machines, such as coin handling and voting booths.

<sup>8</sup> Exports include some used and rebuilt sewing machines and parts.

<sup>9</sup> Percents based on output representing value of work done for military type aircraft and value of shipments for other products. Output also includes substantial amounts of duplication.

<sup>10</sup> Exports exclude navigational instruments and parts, laboratory furniture, and meters for other than gas or water.

<sup>11</sup> Exports exclude hospital furniture and small items, such as chart racks, bed rests, etc.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Commodity Exports and Imports as Related to Output, 1963 and 1964*.



# No. 1229. IMPORTS FOR CONSUMPTION IN RELATION TO DOMESTIC OUTPUT, SELECTED COMMODITY GROUPS: 1960 AND 1964

[Data cover 4-digit Standard Industrial Classification (SIC) commodity groups with imports valued over \$10 million and accounting for 15 percent or more of new supply in 1960 or 1964. "N.e.c." means not elsewhere classified]

COMMODITY GROUP	IMPORTS (mil. do.)		PERCENT OF NEW SUPPLY	
	1960	1964	1960	1964
AGRICULTURE				
Field crop fibers (mainly sisal and abaca).....	29.8	35.3	100	100
Bananas and plantains.....	79.9	123.2	100	100
Edible nuts.....	51.8	55.4	29	30
Copra.....	63.5	43.1	100	100
Coffee.....	1,003.4	1,197.0	100	100
Cocoa beans.....	143.1	130.8	100	100
Carpet wools.....	67.2	48.2	100	100
Spices.....	33.6	27.1	100	100
Persian lamb and caracul furs, undressed.....	21.2	14.2	100	100
Silk.....	27.2	22.5	100	100
Tea.....	56.5	59.7	100	100
FORESTRY <sup>1</sup>				
Gums and barks.....	20.6	23.5	100	100
Crude rubber and allied gums.....	326.0	205.8	100	100
FISHERIES				
Finfish.....	99.6	160.2	34	43
Shellfish.....	104.7	173.9	40	50
MINERALS				
Iron ores and concentrates <sup>2 3</sup> .....	321.7	421.3	31	34
Lead and zinc ores.....	71.6	61.2	30	21
Bauxite and other aluminum ores.....	80.4	133.4	79	88
Manganese ores and concentrates.....	82.3	77.4	93	96
Ferroalloy ores and concentrates, except vanadium, n.e.c. <sup>4</sup> .....	31.3	26.6	(X)	22
Titanium ores.....	8.7	11.0	36	35
Uranium ores and concentrates.....	363.6	110.7	70	49
Fluorspar.....	14.4	16.9	58	64
Potash, soda, borate minerals <sup>5</sup> .....	23.2	45.4	13	17
Sulfur <sup>2</sup> .....	15.5	16.9	12	18
Gypsum.....	9.0	13.4	20	26
Natural abrasives, except sand.....	52.1	59.6	97	96
Peat.....	13.5	12.3	73	66
MANUFACTURES				
Canned and cured seafoods.....	81.5	91.5	18	20
Sugar and byproducts <sup>6</sup> .....	549.2	494.6	25	20
Wines and brandy <sup>6</sup> .....	52.9	73.4	16	16
Distilled, rectified, blended liquors (except brandy) <sup>7</sup> .....	206.4	281.7	25	25
Carpets, rugs, and mats, n.e.c.....	10.7	22.9	17	30
Scouring and combing mill products.....	93.0	96.9	50	43
Cordage and twine.....	35.9	56.3	19	27
Textile goods, n.e.c. (mainly jute bagging, burlaps, etc.).....	135.7	211.3	51	52
Special sawmill products, n.e.c. (mainly red cedar shingles and shakes) <sup>8</sup> .....	26.9	39.6	18	18
Pulp mill products <sup>2</sup> .....	305.5	370.1	33	34
Paper mill products <sup>2 9</sup> .....	716.9	785.4	19	19
Rubber footwear <sup>10</sup> .....	85.9	54.6	25	13
Leather gloves <sup>11</sup> .....	12.6	25.7	19	27
Ceramic wall and floor tile.....	14.5	28.9	9	16
Vitreous china table and kitchen ware.....	23.4	27.7	32	33
Fine earthenware table and kitchen articles.....	13.0	16.8	17	22
Pottery products, n.e.c.....	28.2	23.8	27	21
Copper smelting and refining products; rolled, drawn, etc.....	368.2	365.0	(12)	(12)
Refined lead <sup>13</sup> .....	63.6	48.5	19	12
Nonferrous smelting and refining products, n.e.c. <sup>14</sup> .....	264.8	349.6	37	43
Sewing machines and parts <sup>2</sup> .....	34.8	57.6	21	35
Motorcycles, bicycles, and parts.....	48.9	102.6	28	34
Watches and clocks <sup>15</sup> .....	62.6	77.5	14	15
Lapidary work (mainly cut diamonds) <sup>16</sup> .....	91.6	122.8	67	65
Feathers, plumes, and artificial flowers.....	35.8	48.4	37	43

X Not applicable. <sup>1</sup> Commodities shown are mainly complementary (see source) and represent part of 4-digit SIC commodity classifications.

<sup>2</sup> Substantial volume also exported. <sup>3</sup> Includes manganiferous iron ore (less than 10 percent manganese).

<sup>4</sup> Percents based on output of chromium, molybdenum, columbium, and tantalum ores only. <sup>5</sup> Excludes refined anhydrous sulfate and salt cake (crude) technical. <sup>6</sup> Percents based on output which contains substantial duplication. <sup>7</sup> Excludes distillers' dried grains and dried solubles.

<sup>8</sup> Excludes excelsior and cooperage heading. <sup>9</sup> Excludes paper-machine coated paper. <sup>10</sup> Probably includes significant amounts of plastic footwear. <sup>11</sup> Output data represent all leather gloves; imports represent chief value of leather. <sup>12</sup> Not calculated because of duplication involved in combined output figures; minimum percent, 20. <sup>13</sup> Does not reflect significant amounts of toll production. <sup>14</sup> Represents mainly platinum metals and tin.

<sup>15</sup> Percents based on new supply which contains significant amount of duplication (value of imported movements included in output data). <sup>16</sup> Output excludes captive value of lapidary work performed in other industries.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Commodity Exports and Imports as Related to Output, 1963 and 1964*.

## No. 1230. VALUE OF EXPORTS OF LEADING COMMODITIES, BY AREAS: 1965 AND 1966

[In millions of dollars]

ITEM	Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas
<b>1965</b>						
<b>Total <sup>3</sup></b> .....	27, 478	5, 643	3, 788	9, 224	5, 180	3, 643
<b>Agricultural commodities:</b>						
Grains and preparations <sup>4</sup> .....	2, 638	148	168	922	1, 054	346
Fruits, nuts, and vegetables <sup>4</sup> .....	487	185	36	204	37	25
Tobacco, unmanufactured.....	383	5	9	255	66	48
Soybeans, not canned.....	650	92	4	339	175	40
Cotton, including linters and waste.....	506	51	10	142	274	29
<b>Nonagricultural commodities: <sup>5</sup></b>						
Ores and scrap, metal.....	434	101	40	133	154	6
Coal, coke, and briquettes.....	494	154	25	235	77	3
Petroleum products.....	413	56	58	120	113	66
Chemicals.....	2, 402	382	479	880	387	274
<b>Machinery <sup>5 6</sup></b> .....	6, 903	1, 768	1, 154	2, 090	854	1, 037
Industrial machinery <sup>5</sup> .....	3, 907	981	713	1, 101	491	621
Agricultural machines and tractors, and parts <sup>6</sup> .....	865	330	143	159	63	170
Electrical apparatus.....	1, 660	380	265	579	232	204
<b>Road motor vehicles <sup>5 7</sup></b> .....	1, 703	738	424	187	100	254
Automotive parts, nonmilitary.....	875	570	149	66	29	61
Aircraft, civilian, and parts for all aircraft.....	787	57	63	330	163	174
Pulp, paper, and manufactures.....	605	89	115	238	95	68
<b>Metals and manufactures</b> .....	1, 736	476	289	507	288	176
Iron and steelmill products <sup>8</sup> .....	607	197	115	97	136	62
Textile yarn, fabrics, and made-up articles.....	528	132	80	155	52	109
Other agricultural and nonagricultural, including reexports and "Special Category".....	6, 809	1, 209	834	2, 487	1, 291	988
<b>1966</b>						
<b>Total <sup>3</sup></b> .....	30, 336	6, 661	4, 235	9, 813	5, 805	3, 822
<b>Agricultural commodities:</b>						
Grains and preparations <sup>4</sup> .....	3, 189	147	246	1, 087	1, 173	536
Fruits, nuts, and vegetables <sup>4</sup> .....	509	197	44	198	42	28
Tobacco, unmanufactured.....	482	4	8	343	81	46
Soybeans, not canned.....	760	85	4	410	226	35
Cotton, including linters and waste.....	451	32	3	138	249	29
<b>Nonagricultural commodities: <sup>5</sup></b>						
Ores and scrap, metal.....	422	81	34	112	192	3
Coal, coke, and briquettes.....	493	156	33	218	82	4
Petroleum products.....	426	60	70	123	113	60
Chemicals.....	2, 676	411	542	926	491	306
<b>Machinery <sup>5 6</sup></b> .....	7, 646	2, 159	1, 248	2, 273	923	1, 043
Industrial machinery <sup>5</sup> .....	4, 330	1, 172	784	1, 201	524	649
Agricultural machines and tractors, and parts <sup>6</sup> .....	860	375	152	139	59	135
Electrical apparatus.....	1, 899	499	277	642	262	219
<b>Road motor vehicles <sup>5 7</sup></b> .....	2, 293	1, 073	438	192	98	492
Automotive parts, nonmilitary.....	1, 023	704	159	75	28	57
Aircraft, civilian, and parts for all aircraft.....	880	101	129	367	163	120
Pulp, paper, and manufactures.....	677	97	135	256	113	76
<b>Metals and manufactures</b> .....	1, 776	525	340	497	227	187
Iron and steelmill products <sup>8</sup> .....	537	196	107	82	81	71
Textile yarn, fabrics, and made-up articles.....	554	157	82	153	50	112
Other agricultural and nonagricultural, including reexports and "Special Category".....	7, 102	1, 376	879	2, 520	1, 582	745

<sup>1</sup> Includes Greece and Turkey; <sup>2</sup> Asia, excluding Near East.<sup>3</sup> Includes "Special Category."<sup>4</sup> Includes shipments for relief by individuals and private agencies.<sup>5</sup> Excludes "Special Category" commodities.<sup>6</sup> Includes parts for tractors which, in accordance with the SITC classification beginning January 1965, Bureau of the Census reports under transportation equipment.<sup>7</sup> Excludes parts for tractors. <sup>8</sup> Excludes pig iron.

Source: Dept. of Commerce, Bureau of International Commerce; unpublished data.



## No. 1231. VALUE OF IMPORTS OF LEADING COMMODITIES, BY AREAS: 1965 AND 1966

[In millions of dollars]

ITEM	Total	Canada	American Republics	Western Europe <sup>1</sup>	Far East <sup>2</sup>	Other areas
<b>1965</b>						
General imports, total.....	21,366	4,832	3,675	6,155	4,152	2,552
Warehouse entries, excess of.....	83	19	56	-17	34	-9
Imports for consumption, total.....	21,283	4,813	3,619	6,172	4,118	2,561
<b>Agricultural commodities:</b>						
Meat and preparations.....	426	53	80	106	2	185
Fruits, nuts, and vegetables.....	479	22	253	77	103	24
Coffee.....	1,061	(Z)	792	(Z)	19	250
Sugar.....	442	(Z)	219	2	151	70
<b>Nonagricultural commodities:</b>						
Alcoholic beverages.....	426	115	2	304	2	3
Pulp, paper, and manufacture.....	1,276	1,160	1	103	8	4
Ores and scrap, metal.....	915	361	264	11	27	252
Petroleum, crude and partly refined.....	1,215	277	549	1	48	340
Petroleum products.....	877	7	463	5	(Z)	402
Chemicals <sup>3</sup> .....	769	222	71	328	58	90
Machinery <sup>4</sup> .....	1,800	445	3	887	457	8
Transport equipment <sup>5</sup> .....	1,148	237	1	760	147	3
Automobiles, new.....	658	77	-	555	25	1
Iron and steelmill products <sup>6</sup> .....	1,140	91	19	534	485	11
Nonferrous base metals.....	1,198	409	286	230	184	89
Textile yarn, fabrics, and made-up articles..	800	19	34	255	472	20
Fish, including shellfish.....	469	139	96	58	87	89
Other agricultural and nonagricultural im- ports.....	6,925	1,275	542	2,494	1,902	712
<b>1966</b>						
General imports, total.....	25,550	6,125	3,970	7,685	4,892	2,878
Warehouse entries, excess of.....	183	19	26	84	56	-2
Imports for consumption, total.....	25,367	6,106	3,944	7,601	4,836	2,880
<b>Agricultural commodities:</b>						
Meat and preparations.....	600	49	106	165	2	278
Fruits, nuts, and vegetables.....	539	21	306	83	103	26
Coffee.....	1,069	(Z)	755	(Z)	30	284
Sugar.....	501	(Z)	279	1	156	65
<b>Nonagricultural commodities:</b>						
Alcoholic beverages.....	497	128	2	362	1	4
Pulp, paper, and manufactures.....	1,418	1,286	2	109	16	5
Ores and scrap, metal.....	1,020	409	276	20	39	276
Petroleum, crude and partly refined.....	1,229	318	534	3	41	333
Petroleum products.....	898	9	461	23	(Z)	405
Chemicals <sup>3</sup> .....	957	254	85	426	87	105
Machinery <sup>4</sup> .....	2,693	670	11	1,286	708	18
Transport equipment <sup>5</sup> .....	2,135	797	1	1,131	202	4
Automobiles, new.....	1,236	371	(Z)	809	56	-
Iron and steelmill products <sup>6</sup> .....	1,182	104	23	499	533	23
Nonferrous base metals.....	1,468	483	352	321	203	109
Textile yarn, fabrics, and made-up articles..	908	21	53	283	526	25
Fish, including shellfish.....	553	146	109	64	125	109
Other agricultural and nonagricultural im- ports.....	7,883	1,430	615	2,909	2,120	809

- Represents zero. Z Less than \$500,000. <sup>1</sup> Includes Greece and Turkey.<sup>2</sup> Asia, excluding Near East. <sup>3</sup> Includes uranium oxide.<sup>4</sup> Includes parts for tractors which, in accordance with the SITC classification beginning January 1965, the Bureau of the Census reports under transportation equipment.<sup>5</sup> Excludes parts for tractors. <sup>6</sup> Excludes pig iron.

Source: Dept. of Commerce, Bureau of International Commerce; unpublished data.

**No. 1232. EXPORTS OF MANUFACTURES—ESTIMATED VALUE, BY SELECTED PRODUCT GROUPS, BY STATES: 1963**

[In millions of dollars, f.o.b., factory prices. State distribution estimated by Bureau of the Census on results of a 1963 survey. The survey provided geographic distributions for two-thirds of the \$16.3 billion total in 1963. Product groups represent two-digit SIC groups. For further details, including relation to official United States export figures, see source]

STATE	Total <sup>1</sup>	Food and kindred products	Chemicals and allied products	Primary metal industries	Machinery, except electrical	Electrical machinery	Transportation equipment
<b>United States</b> .....	<b>16, 277</b>	<b>1, 710</b>	<b>1, 870</b>	<b>852</b>	<b>3, 473</b>	<b>1, 207</b>	<b>2, 591</b>
<b>New England</b> .....	<b>1, 092</b>	<b>39</b>	<b>49</b>	<b>21</b>	<b>283</b>	<b>145</b>	<b>167</b>
Maine.....	42	8	1	(Z)	3	1	3
New Hampshire.....	40	1	-	1	22	4	(Z)
Vermont.....	35	2	-	(Z)	19	2	(Z)
Massachusetts.....	526	21	23	7	139	111	15
Rhode Island.....	59	2	2	3	20	4	1
Connecticut.....	390	5	22	11	81	22	148
<b>Middle Atlantic</b> .....	<b>3, 526</b>	<b>211</b>	<b>457</b>	<b>271</b>	<b>782</b>	<b>369</b>	<b>436</b>
New York.....	1, 447	111	132	44	338	158	174
New Jersey.....	842	51	191	50	90	87	158
Pennsylvania.....	1, 238	49	134	178	354	124	104
<b>East North Central</b> .....	<b>4, 919</b>	<b>356</b>	<b>271</b>	<b>215</b>	<b>1, 720</b>	<b>365</b>	<b>1, 209</b>
Ohio.....	1, 420	53	72	104	411	122	407
Indiana.....	472	41	18	32	107	65	130
Illinois.....	1, 441	179	62	29	739	112	82
Michigan.....	1, 086	39	114	42	222	24	528
Wisconsin.....	500	44	5	8	242	42	62
<b>West North Central</b> .....	<b>805</b>	<b>244</b>	<b>49</b>	<b>8</b>	<b>215</b>	<b>51</b>	<b>49</b>
Minnesota.....	194	39	7	1	60	7	1
Iowa.....	240	53	6	3	117	32	1
Missouri.....	205	58	29	3	27	11	13
North Dakota.....	2	1	-	-	-	-	-
South Dakota.....	8	6	-	-	1	-	-
Nebraska.....	40	25	2	(Z)	4	-	1
Kansas.....	117	61	5	1	5	1	33
<b>South Atlantic</b> .....	<b>1, 817</b>	<b>134</b>	<b>352</b>	<b>82</b>	<b>139</b>	<b>82</b>	<b>50</b>
Delaware.....	28	4	10	2	1	(Z)	1
Maryland.....	225	27	30	49	29	40	13
District of Columbia.....	8	3	(Z)	-	-	-	-
Virginia.....	368	20	78	1	9	14	7
West Virginia.....	154	2	98	24	12	5	1
North Carolina.....	483	17	14	1	18	13	1
South Carolina.....	115	6	25	(Z)	12	1	-
Georgia.....	208	30	28	3	21	6	22
Florida.....	228	26	70	1	( <sup>2</sup> )	3	6
<b>East South Central</b> .....	<b>592</b>	<b>85</b>	<b>183</b>	<b>36</b>	<b>64</b>	<b>28</b>	<b>20</b>
Kentucky.....	167	19	54	( <sup>3</sup> )	40	( <sup>4</sup> )	10
Tennessee.....	188	37	75	( <sup>5</sup> )	9	( <sup>5</sup> )	4
Alabama.....	135	12	36	28	11	3	1
Mississippi.....	102	17	19	(Z)	4	2	6
<b>West South Central</b> .....	<b>1, 358</b>	<b>333</b>	<b>413</b>	<b>69</b>	<b>104</b>	<b>32</b>	<b>25</b>
Arkansas.....	84	56	2	( <sup>3</sup> )	5	1	(Z)
Louisiana.....	283	57	96	( <sup>2</sup> )	3	-	2
Oklahoma.....	91	25	1	( <sup>3</sup> )	19	(Z)	6
Texas.....	899	195	315	33	78	31	16
<b>Mountain</b> .....	<b>227</b>	<b>33</b>	<b>17</b>	<b>60</b>	<b>38</b>	<b>7</b>	<b>10</b>
Montana.....	16	2	-	( <sup>4</sup> )	-	-	(Z)
Idaho.....	16	6	( <sup>3</sup> )	-	-	-	(Z)
Wyoming.....	1	1	-	-	-	-	-
Colorado.....	73	14	10	8	19	4	1
New Mexico.....	21	2	( <sup>3</sup> )	( <sup>4</sup> )	-	(Z)	-
Arizona.....	47	4	(Z)	( <sup>5</sup> )	4	2	8
Utah.....	48	4	(Z)	( <sup>4</sup> )	15	1	(Z)
Nevada.....	6	(Z)	(Z)	( <sup>3</sup> )	-	-	-
<b>Pacific</b> .....	<b>1, 939</b>	<b>276</b>	<b>78</b>	<b>91</b>	<b>129</b>	<b>128</b>	<b>625</b>
Washington.....	301	34	8	55	9	-	87
Oregon.....	88	20	2	6	6	14	2
California.....	1, 494	206	69	30	113	114	537
Alaska.....	38	2	-	-	-	-	-
Hawaii.....	18	14	-	-	1	-	-

- Represents zero. Z Less than \$0.5 million.

<sup>1</sup> Includes product groups not shown separately. <sup>2</sup> Range, \$25.0 to \$49.9 million.

<sup>3</sup> Range, \$1.0 to \$4.9 million. <sup>4</sup> Range, \$10.0 to \$24.9 million. <sup>5</sup> Range, \$5.0 to \$9.9 million.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M161(63)-1.



No. 1233. EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1955 TO 1966

[In millions of dollars. For discussion of sampling error and for area coverage, see text, p. 813; for precise information concerning sampling error in individual export or import figures, see source. See *Historical Statistics, Colonial Times to 1957*, series U 116-179, for group totals and selected countries]

COUNTRY	EXPORTS, DOMESTIC AND FOREIGN						IMPORTS					
	1955	1960	1963	1964	1965	1966	1955	1960	1963	1964	1965	1966
Total.....	15,547	20,578	23,347	26,459	27,478	30,336	11,384	14,554	17,138	18,684	21,366	25,550
Special Category Type 1 <sup>1</sup> .....	397	358	399	}	1,238	1,258	{	(X)	(X)	(X)	(X)	(X)
Special Category Type 2 <sup>1</sup> .....	1,196	1,308	1,793		26,240	29,078		(X)	(X)	(X)	(X)	(X)
Total, excluding Special Category <sup>1</sup> .....	13,954	18,913	21,155	24,500	7,680	8,901	4,038	4,429	5,358	5,881	6,579	8,043
North America.....	4,992	5,383	5,864	6,837	107	133	2	8	10	20	24	24
Bahamas.....	15	48	78	96	9	11	1	1	3	4	5	3
Barbados.....	2	6	6	8	44	49	2	2	2	1	1	2
Bermuda.....	16	31	38	42	8	10	3	2	6	10	7	4
British Honduras.....	4	5	7	8	5,585	6,636	2,653	2,901	3,829	4,239	4,832	6,125
Canada.....	3,255	3,709	4,120	4,774	61	62	28	35	42	54	57	60
Costa Rica.....	44	44	53	60	76	87	62	110	140	128	111	128
Dominican Republic.....	62	41	91	114	61	69	62	32	40	43	48	44
El Salvador.....	48	42	50	66	11	12	(Z)	(Z)	14	8	7	7
French West Indies.....	2	3	8	11	95	89	71	59	70	63	67	82
Guatemala.....	58	63	74	83	21	22	16	18	26	24	20	19
Haiti.....	32	25	21	24	87	68	23	34	32	42	72	85
Honduras.....	34	34	44	49	115	115	22	54	103	116	125	133
Jamaica.....	23	48	62	79	13	18	2	2	1	4	2	2
Leeward and Windward Islands.....	3	6	8	10	1,106	1,179	397	443	594	643	638	750
Mexico.....	714	820	861	1,092	75	72	217	265	264	291	319	304
Netherlands Antilles.....	64	63	78	85	69	71	26	21	35	34	36	31
Nicaragua.....	40	30	45	57	125	138	20	24	32	40	60	68
Panama Republic.....	77	89	109	111	75	59	6	55	111	113	142	163
Trinidad and Tobago.....	15	35	54	53	(Z)	(Z)	425	362	5	5	6	7
Other.....	484	240	56	12	2,142	2,465	2,224	2,435	2,492	2,599	2,624	2,785
South America.....	1,680	2,100	1,840	2,130	266	240	126	98	165	111	122	149
Argentina.....	150	351	189	262	41	46	41	9	15	28	31	28
Bolivia.....	41	25	37	45	329	566	633	570	562	535	512	600
Brazil.....	255	432	382	388	181	250	201	193	188	218	209	229
Chile.....	94	195	162	181	196	283	442	299	249	280	277	245
Colombia.....	340	246	240	246	78	80	53	65	76	87	106	94
Ecuador.....	55	55	57	83	20	25	5	11	20	19	21	29
Guyana.....	6	12	11	14	20	25	5	11	19	19	13	13
Paraguay.....	5	9	11	15	16	19	4	8	9	11	13	13

Peru.....	127	143	194	219	281	305	111	183	215	213	241	311
Surinam.....	7	17	18	33	36	32	18	30	30	34	33	50
Uruguay.....	39	62	30	36	19	21	15	21	36	30	36	30
Venezuela.....	569	551	509	606	624	595	576	948	936	956	1,018	1,002
Other.....	(Z)	1	1	1	1	1	(Z)	(Z)	2	2	3	5
<b>Europe.....</b>	<b>4,236</b>	<b>6,541</b>	<b>7,116</b>	<b>8,327</b>	<b>8,852</b>	<b>9,603</b>	<b>2,453</b>	<b>4,268</b>	<b>4,811</b>	<b>5,307</b>	<b>6,292</b>	<b>7,864</b>
Austria.....	56	80	46	58	57	55	34	49	52	58	66	80
Azores.....	1	1	1	1	2	1	2	1	1	1	1	1
Belgium and Luxembourg.....	322	439	524	629	643	686	242	364	379	420	494	567
Bulgaria.....	(Z)	(Z)	(Z)	5	4	4	(Z)	1	1	1	2	3
Cyprus.....	(2)	(2)	4	5	3	4	(2)	(2)	1	1	1	1
Czechoslovakia.....	2	5	10	11	28	37	4	12	10	13	17	28
Denmark.....	69	110	147	153	185	181	58	98	125	127	147	202
Finland.....	42	56	57	69	76	64	44	52	62	75	84	97
France.....	3 368	580	681	806	902	991	3 202	396	431	495	615	698
Germany, Eastern.....	(Z)	4	6	20	12	25	6	3	3	7	7	8
Germany, Federal Rep. of.....	599	3 1,072	3 1,120	3 1,315	3 1,502	3 1,577	366	3 897	3 1,003	3 1,171	3 1,341	3 1,797
Gibraltar.....	1	10	5	5	2	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Greece 1.....	80	64	97	115	121	137	26	33	53	55	44	51
Hungary.....	1	2	17	14	9	10	2	2	2	2	2	3
Iceland.....	17	12	13	13	18	20	7	10	16	18	20	20
Ireland.....	41	40	46	56	69	86	6	28	43	36	58	94
Italy.....	363	651	884	833	864	887	180	393	493	526	620	743
Malta and Gozo.....	2 3	2 3	1	2	2	4	2 4	2 1	(Z)	(Z)	1	3
Netherlands.....	480	731	781	993	1,055	1,191	147	213	211	216	251	320
Norway.....	76	90	96	111	130	144	61	66	105	116	124	129
Poland and Danzig.....	3	143	109	138	35	53	27	39	43	54	66	83
Portugal.....	34	39	50	79	74	64	27	35	47	54	56	75
Romania.....	(Z)	1	1	5	6	27	(Z)	1	1	1	2	5
Spain.....	158	190	278	315	447	512	59	88	97	114	133	163
Sweden.....	165	300	255	301	330	357	85	170	181	201	243	300
Switzerland.....	166	253	312	344	352	410	147	198	239	255	306	388
Trieste, Free territory of.....	11	4	4	2	2	(X)	(Z)	(Z)	(Z)	(Z)	1	(X)
Turkey.....	103	126	218	165	164	178	57	60	65	69	83	96
Union of Soviet Socialist Republics.....	(Z)	38	20	145	45	42	17	23	20	20	43	49
United Kingdom.....	941	1,411	1,162	1,471	1,565	1,683	616	993	1,079	1,143	1,405	1,786
Yugoslavia.....	131	86	165	145	149	173	26	41	47	56	61	74
Other.....	-	1	3	2	(Z)	(Z)	(Z)	(Z)	1	1	(Z)	(Z)

Statistics Notes and January 1961 Report No. FT 410 for further explanation and lists of "Special Category" commodities.

1 Exports of "Special Category" commodities are not reported by country of destination, for security reasons. Therefore, data in this table do not represent total exports to the respective countries and areas, but total exports less "Special Category" commodities. See July 1955; June, August, and December 1957; and April 1958 issues of *Foreign Trade*

2 Cyprus reported with Malta and Gozo.  
3 Includes the Saar.  
4 Includes Aegean Islands.

- Represents zero. X Not applicable. Z Less than \$500,000.



No. 1233. EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1955 TO 1966—Continued  
[In millions of dollars]

COUNTRY	EXPORTS, DOMESTIC AND FOREIGN						IMPORTS					
	1955	1960	1963	1964	1965	1966	1955	1960	1963	1964	1965	1966
Asia	2, 149	3, 648	4, 812	5, 234	5, 495	6, 003	1, 876	2, 721	3, 192	3, 619	4, 528	5, 279
Aden	1	3	6	5	6	5	(Z)	(Z)	(Z)	(Z)	(Z)	1
Afghanistan	5	9	13	16	14	14	14	20	16	10	12	14
Bahrain	8	8	9	9	10	12	1	3	3	3	2	2
Burma	5	8	12	16	14	24	1	1	1	1	1	3
Ceylon	8	14	14	9	10	16	36	39	35	36	33	33
China (Taiwan)	111	111	137	146	172	180	6	20	55	78	93	117
Hong Kong	50	123	146	188	191	228	15	139	193	250	343	416
India	194	642	817	955	928	929	221	228	295	304	348	327
Indonesia	81	86	109	68	42	60	212	216	113	170	165	179
Iran	58	117	90	131	162	183	34	51	65	75	88	115
Iraq	38	37	33	56	40	44	32	27	9	8	20	21
Israel	90	126	167	182	201	188	17	27	47	56	62	77
Japan	651	1, 341	1, 714	1, 913	2, 058	2, 332	432	1, 149	1, 498	1, 768	2, 414	2, 964
Jordan	7	17	37	20	20	28	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Korea, Republic of	127	153	238	200	202	229	6	5	23	31	54	85
Kuwait	16	41	60	55	66	89	95	124	68	52	47	29
Laos	(5)	2	6	7	9	9	(5)	-	(Z)	(Z)	(Z)	1
Lebanon	42	44	51	57	75	83	3	3	7	8	6	9
Malaysia	643	759	782	77	89	45	8235	7175	7188	161	212	177
Pakistan	59	170	388	376	336	239	30	36	46	40	45	68
Philippines	354	297	323	362	336	342	253	307	357	387	369	398
Saudi Arabia	73	43	69	89	129	139	58	65	78	86	106	96
Syria	821	838	15	11	13	20	812	87	4	5	2	5
Thailand	51	65	96	83	107	128	105	56	39	25	41	76
Viet-Nam	934	53	115	134	191	311	29	4	2	2	3	3
Other	21	40	65	67	76	126	28	19	49	60	59	65
Australia and Oceania	274	475	531	750	848	779	174	266	502	440	453	594
Australia	211	387	446	638	696	643	126	142	317	280	311	395
British Western Pacific Islands	1	1	1	2	2	2	1	2	8	7	8	8
French Pacific Islands	5	7	8	14	16	17	2	1	1	1	(Z)	5
New Zealand and Western Samoa	1055	1075	72	87	126	110	1044	10119	173	150	130	180
Trust Territory of Pacific Islands	1	4	3	8	5	5	(Z)	2	(Z)	1	1	2
Other	1	1	1	1	2	2	1	1	2	1	3	3

Africa	623	766	992	1,222	1,224	1,326	619	534	777	917	878	978
Algeria	15	24	45	53	21	67	6	1	38	5	8	3
Angola	13	11	11	11	13	17	32	26	54	55	48	53
Burundi and Rwanda	11 58	11 26	11 78	1	2	3	11 110	11 68	11 64	24	18	17
Cameroun	6	3	4	6	7	6	10	6	6	11	13	28
Canary Islands	6	13	11	15	19	26	(Z)	(Z)	1	2	1	3
Central African Republic	(12)	(12)	(12)	(Z)			(12)	(12)	(12)	7	10	11
Congo (Leopoldville)	(11)	(11)	(12)	66	70	57	(11)	(11)	(12)	45	38	45
Ethiopia	(12)	7	12	13	21	16	31	27	35	53	64	45
Gabon	13 8	17	21	25	36	53	13 50	(12)	(12)	7	11	12
Ghana	(12)	(12)	(12)	10	17	11	(12)	(12)	(12)	74	59	46
Guinea	(12)	(12)	(12)				(12)	(12)	(12)	7	12	12
Ivory Coast	(12)	(12)	(12)	19	11	23	(12)	(12)	(12)	64	46	65
Kenya	(12)	(12)	(12)	14	23	28	(12)	(12)	(12)	24	13	21
Liberia	22	36	36	35	39	38	40	39	32	48	51	59
Libya	6	42	44	59	64	58	(Z)	(Z)	16	29	30	57
Malagasy Republic	4	2	3	4	4	14 46	12	13	18	18	29	23
Malawi and Zambia	(12)	(12)	(12)	14 23	14 23		(12)	(12)	(12)	14 26	14 14	14 13
Morocco	16 43	34	56	37	55	56	15 12	10	7	6	6	10
Mozambique	10	10	9	7	9	14	4	5	6	7	7	10
Nigeria	12	26	37	64	74	103	36	40	40	35	60	52
Senegal	(12)	(12)	(12)	11	8	9	(12)	(12)	(12)	(Z)	(Z)	1
Sierra Leone	10 1	10 2	10 4	5	14	5	10 2	10 3	10 12	11	5	14
South Africa	269	277	2 8	396	438	401	96	108	259	250	226	251
Sudan	17 2	6	1 1	15	14	14	17 3	5	8	6	7	6
Tanzania	18 11	13 12	18 1 1	7	7	8	13 38	13 46	13 66	14	11	17
Tunisia	5	21	5 6	32	44	43	2	(Z)	1	1	2	3
Uganda	(12)	(12)	(12)	2	2	2	(12)	(12)	(12)	47	43	57
United Arab Republic	83	151	2 0	268	158	189	25	32	20	16	16	18
Other	43	44	7	19	24	24	109	51	105	25	29	27
Unidentified countries	(X)	(X)	(X)	(X)	(X)	(X)	22	19	6	12	12	8

- Represents zero. X Not applicable. Z Less than \$500,000.

5 Included with Viet-Nam. 6 British Malaya.

7 Federation of Malaya, Singapore, and British Borneo.

8 United Arab Republic, Syria Region.

9 Includes Laos and Cambodia.

10 New Zealand only.

11 Congo (Leopoldville) included with Burundi and Rwanda.

12 Country designation not established.

13 Gold Coast.

14 Northern Rhodesia, Southern Rhodesia, and Nyassaland.

15 Excludes Spanish Morocco. 16 Includes British West Africa.

17 Anglo-Egyptian Sudan. 18 British East Africa and Tanganyika.

Source: Dept. of Commerce, Bureau of the Census; unpublished data.



No. 1234. IMPORTS—COFFEE, TEA, AND COCOA AND CHOCOLATE: 1936 TO 1966

[For 1936-1947, coffee and tea data include trade between the conterminous U.S. and Alaska, Hawaii, and outlying areas. Effective April 1948, compilation of data on trade between the conterminous U.S. and Alaska and Hawaii was discontinued. Beginning 1956, all coffee on green coffee basis; and, beginning 1961, includes roasted and soluble coffee converted to green coffee basis. Cocoa and chocolate figures represent imports for consumption and include imports into Puerto Rico]

YEARLY AVERAGE OR YEAR	COFFEE					TEA		COCOA AND CHOCOLATE <sup>2</sup>	
	Imports		Exports and reexports	Net imports per capita <sup>1</sup>	Average import price	Net imports	Value	Imports	Value
	Quantity	Value							
	Mil. lb.	Mil. dol.	Mil. lb.	Pounds	Cents per lb.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
1936-1940.....	1,905	138	18	14.52	7.3	90	20	623	34
1941-1945.....	2,301	266	12	16.63	11.5	81	26	569	39
1946-1950.....	2,673	732	44	18.08	27.6	89	39	627	143
1951-1955.....	2,606	1,410	28	16.24	54.6	101	50	630	220
1956-1960.....	2,862	1,217	86	15.80	43.0	105	51	619	179
1961-1965.....	3,067	1,042	122	15.62	34.1	126	58	813	159
1950.....	2,442	1,092	17	16.48	44.6	113	53	712	176
1955.....	2,602	1,357	36	15.41	52.6	104	64	605	224
1960.....	2,943	1,003	102	15.92	34.4	114	55	677	172
1963.....	3,185	966	123	15.70	30.3	126	58	741	153
1964.....	3,054	1,210	142	15.37	39.7	134	60	742	160
1965.....	2,844	1,069	114	14.95	37.6	130	57	934	146
1966.....	2,918	1,067	100	14.59	36.6	133	57	868	149

<sup>1</sup> Beginning 1941, based on civilian population and military population in the U.S. and abroad; prior to 1941, civilian only.

<sup>2</sup> Includes prepared, except confectionery.

Source: Dept. of Commerce, Business and Defense Services Administration and Bureau of the Census; *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

No. 1235. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1921 TO 1966

[For basis of dollar values and for area coverage, see text, p. 813. See also *Historical Statistics, Colonial Times to 1957*, series U 15-20]

YEARLY AVERAGE OR YEAR	VALUES				Duties calcu- lated <sup>1</sup>	RATIO OF DUTIES TO VALUES		Amount duties per capita <sup>2</sup>
	Total	Free	Dutiable	Percent free		Total imports	Dutiable imports	
	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>		<i>Mil. dol.</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>
1921-1925-----	3, 423	2, 089	1, 334	61	479	14	36	4. 22
1926-1930-----	4, 020	2, 646	1, 375	66	551	14	40	4. 52
1931-1935-----	1, 704	1, 076	629	63	314	18	50	2. 46
1936-1940-----	2, 440	1, 476	964	61	365	15	38	2. 76
1941-1945-----	3, 476	2, 294	1, 182	66	380	11	32	2. 72
1946-1950-----	6, 584	3, 843	2, 741	58	439	7	16	2. 94
1951-1955-----	10, 784	5, 975	4, 809	55	582	5	12	3. 58
1956-1960-----	13, 570	5, 843	7, 727	43	882	7	11	4. 98
1961-1965-----	17, 557	6, 570	10, 986	37	1, 300	7	12	6. 78
1950-----	8, 743	4, 767	3, 976	55	522	6	13	3. 38
1955-----	11, 337	6, 037	5, 300	53	633	6	12	3. 76
1960-----	15, 014	6, 142	8, 872	41	1, 078	7	12	5. 89
1962-----	16, 242	6, 216	10, 026	38	1, 220	8	12	6. 45
1963-----	17, 001	6, 258	10, 743	37	1, 240	7	12	6. 46
1964-----	18, 600	7, 021	11, 579	38	1, 339	7	12	6. 88
1965-----	21, 283	7, 434	13, 849	35	1, 643	8	12	8. 33
1966-----	25, 367	9, 344	16, 023	37	1, 921	8	12	9. 63

<sup>1</sup> 1947-1959 data from Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses.

<sup>2</sup> Beginning 1940, based on estimated population including Armed Forces abroad.

Source: Dept. of Commerce, Bureau of the Census (except as noted); *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.

**No. 1236. IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, BY ECONOMIC CLASSES:  
1921 TO 1966**

[In millions of dollars, except percent. For basis of dollar values and for area coverage, see text, p. 813. Data are "general imports" through 1933; "imports for consumption" thereafter. Percent free in general imports is normally slightly lower than in imports for consumption because more dutiable general imports than free general imports are reported as reexported. Moreover, in the period 1922-1933, there is an understatement of free goods in general imports because for 1922 to 1933, carpet wool used for making carpets, and for 1922 to 1928, wheat imported for milling in bond for exports were reported as dutiable when entered, although no duty was ultimately paid on these products]

YEARLY AVERAGE OR YEAR	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1921-1925.....	2,060	1,390	60	1,037	254	80	302	80	79
1926-1930.....	2,597	1,436	64	1,229	255	83	408	99	80
1931-1935.....	1,067	640	62	381	112	77	221	45	83
1936-1940.....	1,476	964	61	627	180	78	238	81	75
1941-1945.....	2,294	1,182	66	777	370	68	435	134	76
1946-1950.....	3,843	2,741	58	1,263	729	63	1,032	205	83
1951-1955.....	5,975	4,809	55	1,693	1,142	60	1,836	270	87
1956-1960.....	5,843	7,727	43	1,650	1,384	54	1,634	274	86
1961-1965.....	6,570	10,986	38	1,892	1,484	56	1,571	282	85
1950.....	4,767	3,976	55	1,482	984	62	1,492	257	85
1955.....	6,037	5,300	53	1,695	1,150	60	1,780	219	89
1960.....	5,780	8,870	39	1,685	1,327	56	1,457	263	85
1961.....	5,923	8,735	40	1,797	1,353	57	1,440	277	84
1962.....	6,216	10,026	38	1,890	1,449	57	1,490	287	84
1963.....	6,258	10,743	37	1,814	1,474	55	1,463	262	85
1964.....	7,021	11,579	38	1,927	1,517	56	1,772	262	87
1965.....	7,434	13,849	35	2,031	1,625	56	1,690	319	84
1966.....	9,344	16,023	37	(1)	(1)	(1)	(1)	(1)	(1)
MANUFACTURED FOODSTUFFS <sup>2</sup>			SEMIMANUFACTURES			FINISHED MANUFACTURES			
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1921-1925.....	57	391	13	412	197	68	253	467	35
1926-1930.....	74	325	19	543	219	71	344	539	39
1931-1935.....	72	164	31	218	102	68	175	218	45
1936-1940.....	73	272	21	338	173	66	199	258	44
1941-1945.....	130	270	33	516	219	70	436	189	70
1946-1950.....	110	596	16	522	649	56	616	562	52
1951-1955.....	153	936	14	1,323	1,235	52	969	1,226	44
1956-1960.....	31	1,391	2	1,225	1,767	41	1,304	2,911	31
1961-1965.....	42	1,774	2	1,256	2,550	33	1,810	4,897	27
1950.....	113	786	13	932	1,194	44	748	756	50
1955.....	158	959	14	1,333	1,443	48	1,070	1,529	41
1960.....	31	1,536	2	1,156	1,935	37	1,451	3,809	28
1961.....	34	1,568	2	1,159	1,950	37	1,492	3,586	29
1962.....	37	1,755	2	1,157	2,232	34	1,643	4,304	28
1963.....	40	1,958	2	1,183	2,421	33	1,753	4,627	27
1964.....	45	1,767	2	1,325	2,667	33	1,953	5,366	27
1965.....	53	1,820	3	1,453	3,479	29	2,208	6,603	25
1966.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

<sup>1</sup> Series discontinued.    <sup>2</sup> Includes beverages.

Source: Dept. of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.



# No. 1237. IMPORTS FOR CONSUMPTION, FREE AND DUTIABLE, FROM SELECTED COUNTRIES: 1964 AND 1965

[For area coverage, see text, p. 813. "N.e.c." means not elsewhere classified]

COUNTRY OF ORIGIN	VALUE OF IMPORTS					
	1964			1965		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free
	<i>Mil. dol.</i>	<i>Mil. dol.</i>		<i>Mil. dol.</i>	<i>Mil. dol.</i>	
<b>Total imports</b> <sup>1</sup> .....	7,024	11,576	38	7,434	13,847	35
<b>Western Hemisphere</b> <sup>1</sup> .....	4,609	3,725	55	4,807	4,323	53
Canada.....	2,432	1,795	58	2,591	2,223	54
19 American Republics <sup>1</sup> .....	1,864	1,606	54	1,873	1,748	52
Central American Common Market <sup>2</sup> .....	183	52	78	230	49	82
Latin American Free Trade Association <sup>1,3</sup> .....	1,358	703	66	1,282	807	61
Argentina.....	54	56	49	58	64	48
Brazil.....	463	72	87	448	97	82
Chile.....	153	69	69	131	51	72
Colombia.....	235	44	84	211	64	77
Mexico.....	247	360	41	219	372	37
Peru.....	120	77	61	113	108	51
Dominican Republic.....	52	72	42	39	76	34
Venezuela.....	200	758	21	238	787	23
Netherlands Antilles.....	96	196	33	104	222	32
Jamaica.....	88	27	77	101	23	82
<b>Europe</b> <sup>1</sup> .....	846	4,427	16	1,034	5,274	16
Western Europe.....	816	4,356	16	987	5,185	16
OECD countries <sup>1,4</sup> .....	772	4,275	15	937	5,085	16
European Economic Community.....	336	2,495	12	385	2,931	12
Belgium and Luxembourg.....	47	375	11	64	431	13
France.....	110	384	22	139	476	23
Germany, Western.....	85	1,088	7	84	1,252	6
Italy and Trieste.....	43	483	8	47	573	8
Netherlands.....	52	164	24	52	199	21
European Free Trade Association <sup>1,5</sup> .....	399	1,548	21	485	1,878	21
Denmark.....	23	103	18	24	122	16
Norway.....	23	97	19	28	114	20
Sweden.....	42	161	21	45	197	19
Switzerland.....	35	220	14	51	256	17
United Kingdom.....	257	875	23	320	1,084	23
Finland <sup>6</sup> .....	42	32	57	48	36	57
Spain.....	14	100	12	19	113	14
Turkey.....	6	54	10	12	69	15
Eastern Europe.....	30	69	30	47	89	34
<b>Asia</b> <sup>1,7</sup> .....	730	2,914	20	786	3,728	17
Near East <sup>1,7</sup> .....	59	304	16	51	343	13
Iran.....	17	61	22	17	71	20
United Arab Republic (Egypt).....	2	22	8	1	16	6
Japan.....	87	1,676	5	94	2,307	4
Other Asia <sup>1</sup> .....	584	934	39	641	1,077	37
India.....	78	232	25	77	268	22
Indonesia.....	119	48	71	117	48	71
Malaysia.....	151	8	95	198	14	93
Philippines.....	120	277	30	114	241	32
Thailand.....	22	3	88	37	4	90
<b>Oceania</b> .....	113	319	26	127	321	28
Australia.....	38	236	14	50	256	16
New Zealand and Western Samoa.....	71	77	48	71	59	55
Other.....	3	7	30	6	6	50
<b>Africa</b> <sup>1,7</sup> .....	723	181	80	680	190	78
North Africa <sup>7,8</sup> .....	60	42	59	69	48	59
Western and Equatorial Africa <sup>1</sup> .....	327	21	94	311	30	91
Ghana.....	73	5	94	57	3	95
Nigeria.....	34	1	97	48	10	83
Central and Southern Africa <sup>1</sup> .....	336	118	74	300	111	73
Congo (Leopoldville).....	35	14	71	31	10	76
South Africa Republic.....	170	73	70	157	73	68

<sup>1</sup> Includes countries not shown separately. <sup>2</sup> Costa Rica, El Salvador, Guatemala, Honduras, and Nicaragua.

<sup>3</sup> Also includes Ecuador, Paraguay, and Uruguay.

<sup>4</sup> Organisation for Economic Co-operation and Development. Also includes Austria, Greece, Iceland, Ireland, and Portugal.

<sup>5</sup> Also includes Austria and Portugal. <sup>6</sup> Finland is an associate of EFTA but is not included in OECD.

<sup>7</sup> United Arab Republic (Egypt) included in Asia, Near East; excluded from Africa.

<sup>8</sup> Algeria, Ethiopia, French Somaliland, Libya, Morocco, Somali Republic, Sudan, and Tunisia.

Source: Dept. of Commerce, Bureau of International Commerce; unpublished data.

## Section 32

### Outlying Areas Under the Jurisdiction of the United States

This section presents summary statistics on the industrial, social, and agricultural organization of the Commonwealth of Puerto Rico, the principal possessions of the United States (Virgin Islands, Guam, and American Samoa), and the Canal Zone. Population estimates of the Trust Territory of the Pacific Islands are also presented.

Primary sources of these data are the decennial censuses of population, housing, and agriculture, and the quinquennial censuses of business and manufactures conducted by the Bureau of the Census; the annual *Vital Statistics of the United States* issued by the Public Health Service; the biennial *Statistics of State School Systems* published by the Office of Education; the *Minerals Yearbook* of the Bureau of Mines; and the annual *Agricultural Statistics* of the Department of Agriculture.

**Jurisdiction.**—The circumstances under which the United States gained jurisdiction over these areas are as follows:

The islands of Puerto Rico and Guam, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, signed December 10, 1898, and ratified in 1899. Puerto Rico acquired the status of a commonwealth on July 25, 1952.

The Virgin Islands, formerly known as the Danish West Indies, were purchased by the United States from Denmark in 1917.

American Samoa was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, signed December 2, 1899, and ratified February 16, 1900.

The use, occupation, and control of the Canal Zone were granted to the United States under the terms of a treaty with the Republic of Panama, signed November 18, 1903, and ratified in 1904.

The Trust Territory of the Pacific Islands is comprised of 2,141 atolls and islands, 96 of which are inhabited. This territory, formerly under Japanese mandate, was placed under the United Nations trusteeship system by an agreement approved by the Security Council on April 27, 1947, and by the United States on July 18, 1947.

For a brief summary of the territorial development of the United States, see tables 5 and 250 in sections 1 and 6, respectively.

**Censuses.**—Because of differences in the population and housing characteristics and the varieties of agricultural products among the outlying areas, the presentation of census data is not uniform for all areas. However, the tables in this section give, as nearly as possible, comparable data for the areas. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing covered only Puerto Rico, Guam, and the Virgin Islands. The 1959 Census of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964 Census covered the same areas except American Samoa. Censuses of Business and Manufactures were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963.



For definition and explanation of terms used, see section 1, Population; section 23, Agriculture—Farms, Land, and Finances; section 24, Agriculture—Production, Marketing, and Trade; section 28, Construction and Housing; section 29, Manufactures; and section 30, Distribution and Services.

**Information in other sections.**—In addition to the specialized statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*.

No. 1238. ESTIMATED POPULATION, BY AREAS: 1940 TO 1966

[As of July 1, except as noted. Total population estimates include estimates of Armed Forces stationed in area]

YEAR	PUERTO RICO		AMERICAN SAMOA		CANAL ZONE	
	Total	Civilian	Total	Civilian	Total	Civilian
1940.....	1,880,000	1,876,000	(NA)	(NA)	57,000	30,500
1945.....	2,099,000	2,068,000	(NA)	(NA)	87,800	45,600
1950.....	2,218,000	2,213,000	19,100	19,000	53,200	42,500
1955.....	2,250,000	2,235,000	19,800	19,700	54,900	41,600
1956.....	2,249,000	2,240,000	20,100	20,000	53,400	40,600
1957.....	2,260,000	2,251,000	20,300	20,300	51,600	38,500
1958.....	2,299,000	2,289,000	20,500	20,500	43,300	36,500
1959.....	2,322,000	2,313,000	20,400	20,400	42,000	35,300
1960.....	2,362,000	2,349,000	20,100	20,100	42,300	34,600
1961.....	2,409,000	2,399,000	20,000	20,000	43,200	35,000
1962.....	2,459,000	2,449,000	21,100	21,000	44,800	36,300
1963.....	2,520,000	2,509,000	21,900	21,900	50,000	39,500
1964.....	2,578,000	2,567,000	23,000	23,000	53,900	42,400
1965.....	2,633,000	2,621,000	24,700	24,700	54,100	42,800
1966.....	2,668,000	2,657,000	27,000	27,000	55,800	43,600
	GUAM		VIRGIN ISLANDS		TRUST TERRITORY OF THE PACIFIC ISLANDS	
	Total	Civilian	Total	Civilian	Total	Civilian
1940.....	(NA)	(NA)	25,000	24,900	(NA)	(NA)
1945.....	(NA)	(NA)	26,700	26,300	(NA)	(NA)
1950.....	59,900	41,300	26,900	26,800	56,600	54,800
1955.....	68,700	53,400	27,600	27,500	66,000	64,300
1956.....	69,200	56,600	28,400	28,300	68,300	65,000
1957.....	66,500	54,400	29,400	29,300	68,900	67,200
1958.....	66,700	54,800	30,000	29,900	73,600	170,724
1959.....	67,800	56,000	31,000	30,900	74,400	73,100
1960.....	66,400	57,000	32,200	32,100	77,200	76,500
1961.....	64,600	56,700	34,300	32,900	78,900	78,600
1962.....	66,400	58,600	34,900	34,600	82,100	81,800
1963.....	68,300	59,500	39,700	37,300	85,800	85,600
1964.....	69,100	60,800	40,600	40,500	89,400	89,300
1965.....	76,500	67,700	43,400	43,100	91,900	91,700
1966.....	79,200	65,600	49,500	45,800	94,100	93,700

NA Not available.  
<sup>1</sup> Census count, Apr. 1.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 80, 336, and 358.

## No. 1239. POPULATION CHARACTERISTICS, BY AREAS: 1960

[For definition of median, see table 8]

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands
<b>AREA AND POPULATION</b>					
Land area.....sq. mi.	3, 421	76	362	209	132
<b>Total population</b> .....	<b>2, 349, 544</b>	<b>20, 051</b>	<b>42, 122</b>	<b>67, 044</b>	<b>32, 099</b>
Per square mile.....	687	264	116	321	243
Percent increase, 1950 to 1960.....	6. 3	5. 9	-20. 3	12. 7	20. 4
Urban.....	1, 039, 301	(X)	13, 429	(X)	18, 017
Rural.....	1, 310, 243	(X)	28, 693	(X)	14, 082
Male.....	1, 162, 764	10, 164	23, 278	39, 211	15, 930
Female.....	1, 186, 780	9, 887	18, 844	27, 833	16, 169
<b>YEARS OF SCHOOL COMPLETED</b>					
Male, 25 years old and over.....	451, 652	3, 127	10, 699	17, 739	6, 897
No school years completed.....	88, 816	70	217	195	352
Elementary: 1 to 4 years.....	143, 520	495	444	2, 430	1, 374
5 and 6 years.....	56, 512	794	1, 094	2, 241	1, 766
7 and 8 years.....	47, 932	1, 030	1, 572	2, 391	1, 247
High school: 1 to 3 years.....	36, 364	363	1, 397	3, 264	670
4 years.....	38, 856	146	3, 280	3, 993	670
College: 1 to 3 years.....	18, 108	116	1, 268	1, 526	236
4 years or more.....	19, 348	63	1, 187	1, 213	500
School years not reported.....	2, 196	50	240	486	62
Median school years completed.....	4. 8	7. 5	12. 2	10. 2	6. 9
Female, 25 years old and over.....	473, 352	3, 352	8, 933	10, 325	7, 285
No school years completed.....	124, 420	121	93	629	300
Elementary: 1 to 4 years.....	148, 036	862	383	2, 350	1, 123
5 and 6 years.....	61, 076	1, 314	1, 301	1, 398	2, 150
7 and 8 years.....	45, 396	721	1, 284	968	1, 490
High school: 1 to 3 years.....	30, 280	195	1, 131	1, 246	677
4 years.....	30, 212	35	2, 659	2, 175	805
College: 1 to 3 years.....	18, 672	30	1, 201	935	354
4 years or more.....	13, 216	22	713	523	314
School years not reported.....	2, 044	52	168	101	72
Median school years completed.....	4. 3	6. 2	12. 1	8. 6	7. 0
<b>MARITAL STATUS</b>					
Male, 14 years old and over.....	685, 036	5, 274	16, 346	25, 952	9, 928
Single.....	260, 616	2, 318	6, 473	9, 347	4, 055
Married.....	393, 965	2, 772	9, 309	15, 807	5, 296
Widowed or divorced.....	30, 455	184	564	798	577
Female, 14 years old and over.....	721, 381	5, 410	12, 246	15, 074	10, 123
Single.....	207, 257	1, 779	3, 276	3, 942	3, 468
Married.....	423, 600	3, 041	8, 165	9, 977	5, 288
Widowed or divorced.....	90, 524	590	805	1, 155	1, 367
<b>MARRIED COUPLES AND FAMILIES</b>					
Married couples.....	1 374, 828	2, 489	7, 733	9, 442	1 4, 468
With own household.....	351, 940	2, 151	7, 648	8, 889	4, 294
Families.....	447, 932	2, 577	8, 008	10, 265	6, 212
Husband-wife families.....	352, 744	2, 154	7, 654	8, 912	4, 310
<b>HOUSEHOLDS</b>					
Population in households.....	2, 320, 369	19, 866	37, 057	55, 140	31, 394
Number of households.....	484, 237	2, 608	9, 229	10, 830	8, 625
Population per household.....	4. 79	7. 62	4. 02	5. 09	3. 64
Population in group quarters.....	29, 175	185	5, 065	11, 904	705
Inmates of institutions.....	12, 039	29	455	151	338
<b>EMPLOYMENT STATUS</b>					
Total labor force.....	594, 124	5, 889	17, 566	26, 304	11, 334
Civilian labor force.....	585, 656	5, 884	11, 023	17, 599	11, 228
Male.....	441, 540	3, 584	7, 278	13, 891	7, 258
Employed.....	416, 776	3, 550	7, 116	13, 680	7, 045
Unemployed.....	24, 764	34	162	211	213
Female.....	144, 116	2, 300	3, 745	3, 708	3, 970
Employed.....	134, 912	2, 283	3, 426	3, 528	3, 800
Unemployed.....	9, 204	17	319	180	170

See footnotes at end of table.



## No. 1239. POPULATION CHARACTERISTICS, BY AREAS: 1960—Continued

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands
<b>EMPLOYED PERSONS, BY INDUSTRY GROUP</b>					
Agriculture, forestry, and fisheries.....	136,096	2,887	339	420	610
Mining.....	1,396	(2)	(2)	33	24
Construction.....	47,432	167	485	5,257	1,361
Durable goods manufacturing.....	22,380	22	385	213	175
Nondurable goods manufacturing.....	71,728	838		289	695
Transportation, communication, and public utilities.....	39,264	187	2,619	1,197	988
Wholesale and retail trade.....	81,772	238	742	2,319	1,850
Finance, insurance, and real estate.....	6,808	(2)	(2)	153	237
Business and repair services.....	9,776	(2)	(2)	206	217
Personal services.....	36,272	(2)	(2)	643	2,265
Entertainment and recreation services.....	5,640	(2)	(2)	249	112
Professional and related services.....	55,872	695	1,490	1,669	1,167
Public administration.....	29,764	617	2,717	4,455	1,113
Other industries.....	(X)	113	1,731	(X)	(X)
Industry not reported.....	7,488	69	34	105	31
<b>INCOME IN 1959</b>					
Persons 14 years old and over.....	1,406,472	10,684	28,592	41,026	20,051
With income.....	739,564	4,750	17,906	27,061	13,431
\$1 to \$99 or less.....	71,368	661	417	427	424
\$100 to \$499.....	203,840	1,971	1,685	1,787	3,020
\$500 to \$999.....	140,148	1,277	1,186	1,669	2,551
\$1,000 to \$1,999.....	177,256	573	4,592	8,593	3,403
\$2,000 to \$2,999.....	77,380	95	1,970	5,291	1,664
\$3,000 to \$3,999.....	29,140	46	1,372	3,572	928
\$4,000 to \$5,999.....	21,294	40	2,096	3,027	708
\$6,000 to \$9,999.....	12,674	60	3,446	1,992	431
\$10,000 and over.....	6,464	27	1,142	703	302
Median income.....dollars.....	819	428	2,451	2,168	1,175
Families.....	447,932	2,577	8,008	10,265	6,212
Number reporting.....	445,376	2,440	7,958	9,737	5,924
Under \$1,000.....	189,914	1,475	106	342	1,232
\$1,000 to \$3,999.....	194,203	851	2,826	3,747	3,109
\$4,000 to \$5,999.....	31,334	52	1,126	2,420	645
\$6,000 to \$9,999.....	20,501	36	2,113	2,202	577
\$10,000 and over.....	9,424	26	1,787	1,026	361
Median income.....dollars.....	1,268	770	5,845	4,549	2,243

X Not applicable. <sup>1</sup> Includes consensually married couples.<sup>2</sup> Included in "Other Industries."Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

## No. 1240. PUERTO RICO—LAND AREA, POPULATION DENSITY, AND POPULATION, BY AGE AND SEX: 1940 TO 1960

ITEM	1940			1950			1960		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>AREA AND POPULATION</b>									
Land area.....sq. mi.	3,423	(X)	(X)	3,423	(X)	(X)	3,421	(X)	(X)
Total population.....	1,869,255	938,280	930,975	2,210,703	1,110,946	1,099,757	2,349,544	1,162,764	1,186,780
Per square mile.....	546.1	(X)	(X)	645.8	(X)	(X)	686.8	(X)	(X)
Urban.....	566,357	264,672	301,685	894,813	429,578	465,235	1,039,301	498,236	541,065
Rural.....	1,302,898	673,608	629,290	1,315,890	681,368	634,522	1,310,243	664,528	645,715
<b>AGE</b>									
Total, all ages.....	1,869,255	938,280	930,975	2,210,703	1,110,946	1,099,757	2,349,544	1,162,764	1,186,780
Under 5 years.....	280,440	142,289	138,151	366,422	185,199	181,223	354,402	179,619	174,783
5 to 9 years.....	251,652	127,791	123,861	318,127	161,183	156,944	327,529	165,930	161,599
10 to 14 years.....	227,097	114,496	112,601	270,727	138,675	132,052	321,207	162,244	158,963
15 to 19 years.....	206,149	99,460	106,689	220,231	108,915	111,316	246,860	122,602	124,258
20 to 24 years.....	206,326	102,464	103,862	192,930	91,083	101,847	171,665	79,792	91,873
25 to 34 years.....	250,604	124,275	126,329	289,729	142,924	146,805	262,919	120,694	142,225
35 to 44 years.....	187,110	94,268	92,842	224,346	114,907	109,439	238,017	114,679	123,338
45 to 54 years.....	125,993	66,825	59,168	146,982	76,460	70,522	180,796	93,613	87,183
55 to 64 years.....	69,831	36,808	33,023	95,631	50,634	44,997	123,942	63,499	60,443
65 and over.....	63,106	29,245	33,861	85,578	40,966	44,612	122,207	60,092	62,115
Median age.....years.....	19.2	19.2	19.2	18.4	18.2	18.6	18.5	18.0	18.9

X Not applicable. <sup>1</sup> Includes persons for whom age was not reported.Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, and *1960*, Vol. I.

## No. 1241. POPULATION, BY AGE AND AREAS, 1940 TO 1960, AND BY SEX, 1960

[For definition of median, see table 8]

AGE	AMERICAN SAMOA					CANAL ZONE				
	1940	1950	1960			1940	1950	1960		
			Total	Male	Female			Total	Male	Female
<b>Total, all ages</b> .....	12,908	18,937	20,051	10,164	9,887	15,182	52,822	42,122	23,278	18,844
Under 5 years.....	2,248	3,538	3,709	1,919	1,790	2,419	6,532	4,680	2,380	2,300
5 to 9 years.....	2,022	2,875	3,244	1,639	1,555	2,633	4,968	4,873	2,475	2,398
10 to 14 years.....	1,696	2,350	2,993	1,581	1,412	2,995	3,310	4,801	2,452	2,349
15 to 19 years.....	1,363	2,161	2,182	1,178	1,004	6,368	4,735	4,037	2,315	1,722
20 to 24 years.....	1,134	1,630	1,444	670	774	13,045	6,384	4,099	2,957	1,142
25 to 34 years.....	1,751	2,657	2,261	974	1,287	9,760	10,971	5,886	3,200	2,686
35 to 44 years.....	1,226	1,650	1,844	945	899	5,761	7,045	6,716	3,509	3,207
45 to 54 years.....	723	1,099	1,162	613	549	5,368	4,450	4,399	2,537	1,862
55 to 64 years.....	452	523	672	344	328	2,068	3,335	1,766	1,085	681
65 and over.....	293	454	540	251	289	493	1,092	865	368	497
Median age.....years..	16.8	16.6	15.2	14.6	15.8	24.2	25.4	23.3	23.4	22.9

	GUAM					VIRGIN ISLANDS				
	1940	1950	1960			1940	1950	1960		
			Total	Male	Female			Total	Male	Female
<b>Total, all ages</b> .....	122,290	59,498	67,044	39,211	27,833	124,889	26,665	32,099	15,930	16,169
Under 5 years.....	3,746	7,568	10,824	5,614	5,210	3,027	3,866	4,934	2,445	2,489
5 to 9 years.....	3,261	4,453	9,164	4,593	4,571	2,581	3,685	4,185	2,102	2,083
10 to 14 years.....	2,827	4,084	7,254	3,685	3,569	2,370	2,877	3,649	1,810	1,839
15 to 19 years.....	2,228	7,162	4,994	3,053	1,941	2,383	2,225	2,964	1,540	1,424
20 to 24 years.....	1,870	11,378	6,744	4,527	2,217	2,277	1,716	2,185	1,136	1,049
25 to 34 years.....	3,174	12,727	12,189	7,912	4,277	3,446	3,507	3,862	1,895	1,967
35 to 44 years.....	2,149	6,805	8,554	5,612	2,942	2,510	2,746	3,499	1,749	1,750
45 to 54 years.....	1,411	3,230	4,367	2,720	1,647	2,446	2,202	2,760	1,392	1,368
55 to 64 years.....	936	1,293	1,866	1,009	857	2,056	1,830	1,854	883	971
65 and over.....	675	798	1,088	486	602	1,774	2,011	2,207	978	1,229
Median age.....years..	17.9	22.8	20.8	22.9	16.5	24.6	22.0	20.7	20.3	21.2

¹ Includes persons for whom age was not reported.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, and *1960*, Vol. I.

## No. 1242. POPULATION, BY RACE AND SEX, AND MALES PER 100 FEMALES, BY AREAS: 1940 TO 1960

AREA AND RACE	1940		1950		1960		MALES PER 100 FEMALES		
	Male	Female	Male	Female	Male	Female	1940	1950	1960
<b>Puerto Rico</b> .....	938,280	930,975	1,110,946	1,099,757	1,162,764	1,186,780	100.8	101.0	98.0
White.....	718,398	712,346	883,602	878,809	(NA)	(NA)	100.8	100.5	(NA)
Negro.....	219,851	218,607	226,293	220,655	(NA)	(NA)	100.6	102.6	(NA)
Other races.....	31	22	1,051	293	(NA)	(NA)	(B)	358.7	(NA)
<b>American Samoa</b> .....	6,612	6,296	9,818	9,119	10,164	9,887	105.0	107.7	102.8
Polynesian.....	5,711	5,580	9,032	8,565	9,668	9,546	102.3	105.5	101.3
Part Polynesian.....	637	616	538	432	306	255	111.5	124.5	120.0
White.....	200	100	236	122	170	79	200.0	193.4	(B)
Other races.....	14	-	12	-	20	7	(B)	(B)	(B)
<b>Canal Zone</b> .....	37,528	14,299	30,729	22,093	23,278	18,844	262.5	139.1	123.5
White.....	26,971	5,885	19,564	12,443	15,878	12,318	458.3	157.2	128.9
Nonwhite.....	10,557	8,414	11,165	9,650	7,400	6,526	125.5	115.7	113.4
<b>Guam</b> .....	11,300	10,990	40,485	19,013	39,211	27,833	102.8	212.9	140.9
White.....	581	204	18,248	4,672	13,102	7,622	284.8	390.6	171.9
Chamorro.....	9,999	10,178	13,403	13,721	16,881	17,881	98.2	97.7	94.4
Filipino.....	321	248	7,009	249	7,470	1,110	129.4	2,814.9	673.0
Other races.....	399	360	1,825	371	1,758	1,220	110.8	491.9	144.1
<b>Virgin Islands</b> .....	11,912	12,977	13,075	13,590	15,930	16,169	91.8	96.2	98.5
White.....	1,216	1,020	1,552	1,393	2,885	2,488	119.2	111.4	116.0
Negro.....	8,123	9,053	8,915	9,646	10,022	10,612	89.7	92.4	94.4
Mixed and other races..	2,573	2,904	2,608	2,551	3,023	3,069	88.6	102.2	98.5

- Represents zero. B Not computed; base less than 100. NA Not available.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, and *1960*, Vol. I.



No. 1243. BIRTHS, DEATHS, MARRIAGES, AND DIVORCES—PUERTO RICO AND VIRGIN ISLANDS: 1940 TO 1965

[By place of occurrence. Births and deaths are registered births and deaths only. Rates for 1940, 1950, and 1960, based on population enumerated as of April 1; for all other years, estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YEAR		MARRIAGES		DIVORCES <sup>3</sup>	
	Num- ber	Rate per 1,000 popula- tion <sup>1</sup>	Num- ber	Rate per 1,000 popula- tion <sup>2</sup>	Num- ber	Rate per 1,000 live births	Num- ber	Rate per 1,000 popula- tion <sup>2</sup>	Num- ber	Rate per 1,000 popula- tion <sup>1</sup>
Puerto Rico:										
1940.....	4 72,388	4 38.7	34,468	18.4	8,221	113.6	19,457	10.4	2,600	1.4
1945.....	86,680	41.9	28,837	13.7	8,064	93.0	17,490	8.3	3,247	1.6
1950.....	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1955.....	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960.....	76,314	32.5	15,791	6.7	3,307	43.3	20,212	8.6	5,218	2.2
1963.....	77,440	30.7	17,350	6.9	3,453	44.6	22,895	9.1	4,822	1.9
1964.....	78,956	30.6	18,566	7.2	4,078	51.6	23,773	9.2	7,254	2.8
1965.....	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	10,519	4.0
Virgin Islands:										
1940.....	756	30.4	553	22.2	103	136.2	6 122	6 4.9	(NA)	(NA)
1945.....	984	37.4	401	15.0	122	124.0	6 238	6 8.9	52	2.0
1950.....	894	33.5	374	14.0	51	57.0	6 138	6 5.2	271	10.2
1955.....	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960.....	1,180	36.8	332	10.3	42	35.6	359	11.2	135	4.2
1963.....	1,513	38.1	383	9.6	48	31.7	539	13.6	171	4.3
1964.....	1,762	43.4	343	8.4	50	28.4	520	12.8	200	4.9
1965.....	1,998	46.1	416	9.6	60	30.0	595	13.7	73	1.7

NA Not available.

<sup>1</sup> 1945 based on civilian population in area; other years based on total population present in area.

<sup>2</sup> Based on total population present in area. <sup>3</sup> Includes reported annulments.

<sup>4</sup> Source: *Forty-third Annual Report of the Governor of Puerto Rico*.

<sup>5</sup> Provisional. <sup>6</sup> Marriage licenses for year ending June 30.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

No. 1244. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY AREAS: 1964

ITEM	Puerto Rico	Ameri- can Samoa	Canal Zone	Guam	Virgin Islands
Enrollment <sup>1</sup>	602,516	6,869	13,051	15,250	8,264
Elementary <sup>2</sup>	487,489	5,376	9,428	11,308	6,843
Secondary <sup>3</sup>	115,027	1,493	3,623	3,942	1,421
High-school graduates	19,693	157	746	589	227
Average daily attendance	540,278	(NA)	12,242	14,448	7,723
Percent of enrollment <sup>4</sup>	88.5	(NA)	87.2	87.3	89.1
Average length of term in days	183.1	(NA)	178.4	178.0	180.0
Average number of days attended per enrollee	162.1	(NA)	155.6	155.3	160.3
Instructional staff	18,053	393	609	657	418
Supervisors or consultants	504	9	11	8	10
Principals	792	52	21	40	34
Teachers	16,291	328	543	595	361
Male	4,539	201	179	173	118
Female	11,752	127	364	422	243
Other nonsupervisory instructional personnel	466	4	34	14	13
Salaries: Supervisors, principals, and teachers and other nonsupervisory instructional personnel	\$1,000 61,539	1,376	4,412	3,001	1,830
Average salary	dollars 3,407	3,501	7,245	4,568	4,378
Total expenditures	\$1,000 110,048	1,851	9,300	6,238	4,715
Current expenditures <sup>5</sup>	\$1,000 99,061	1,761	6,684	4,974	2,966
Per pupil <sup>6</sup>	dollars 183	(NA)	546	344	384
Capital outlay	\$1,000 6,339	-	1,937	1,248	1,376
Per pupil <sup>6</sup>	dollars 12	-	158	86	178
Expenditures for adult and summer schools, community services, and community colleges	\$1,000 4,648	90	680	17	373

NA Not available. <sup>1</sup> Fall 1963.

<sup>2</sup> Kindergarten through grade 8. <sup>3</sup> Grades 9 through 12 and postgraduates.

<sup>4</sup> Based on school year rather than fall enrollment.

<sup>5</sup> Public elementary and secondary day schools.

<sup>6</sup> Annual expenditure per pupil in average daily attendance.

Source: Dept. of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1963-64*.

## No. 1245. MINERAL PRODUCTION, BY AREAS: 1955 TO 1965

[Quantity in thousands of short tons, except as indicated]

AREA AND MINERAL	1955		1960		1964		1965	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Puerto Rico.....	(X)	<sup>1</sup> 14,917	(X)	<sup>2</sup> 31,067	(X)	44,876	(X)	46,224
Cement.....1,000 (376-lb.) barrels.....	4,117	12,507	5,441	14,546	7,926	23,879	7,284	23,415
Clays.....	137	122	160	102	341	271	357	288
Lime.....	10	254	1	15	18	574	27	867
Salt (common).....	10	112	(D)	(D)	5	74	8	138
Sand and gravel.....	433	679	8,996	8,669	7,816	11,492	8,147	12,405
Stone.....	1,784	2,516	4,219	7,661	5,504	8,586	5,344	9,111
American Samoa.....	10	5	523	261	179	254	120	115
Sand and gravel.....	1	1	-	-	22	20	60	55
Stone.....	9	4	523	261	157	234	60	60
Canal Zone.....	205	287	268	374	237	431	236	451
Sand and gravel.....	36	47	65	68	84	82	83	85
Stone (crushed).....	169	240	203	306	153	349	153	366
Guam: Stone.....	1,241	3,352	<sup>3</sup> 963	<sup>3</sup> 2,195	469	868	483	925
Virgin Islands: Stone (crushed).....	1	5	15	51	69	342	68	302

- Represents zero. D Withheld to avoid disclosing individual company data. X Not applicable.

<sup>1</sup> Adjusted to eliminate duplicating the value of stone.<sup>2</sup> Includes \$74,000 value of items that cannot be disclosed.<sup>3</sup> Includes 1,000 short tons of sand and gravel, valued at \$1,000.Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1246. IMPORTS AND EXPORTS, BY AREAS: 1951 TO 1966

[In thousands of dollars]

AREA AND YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries <sup>1</sup>	Total <sup>2</sup>	To United States	To other countries <sup>2</sup>
<b>PUERTO RICO</b>						
1951-1955.....	514,599	469,179	45,420	326,020	310,290	15,730
1956-1960.....	789,767	672,725	117,042	509,192	489,204	19,988
1961-1965.....	1,273,787	1,053,510	220,277	863,393	836,562	26,831
1955.....	603,024	549,345	53,678	382,173	369,106	13,067
1960.....	923,796	770,593	153,203	604,279	588,433	15,846
1964.....	1,476,557	1,233,920	242,637	935,573	900,512	35,061
1965.....	1,542,663	1,275,058	267,605	1,005,565	968,919	36,646
1966.....	1,734,581	1,419,880	314,700	1,135,462	1,081,825	53,637
<b>AMERICAN SAMOA</b>						
1951-1955.....	1,302	892	411	(NA)	1,064	(NA)
1956-1960.....	3,869	3,234	635	(NA)	6,517	(NA)
1961-1965.....	(NA)	9,966	(NA)	(NA)	(NA)	(NA)
1966.....	(NA)	16,706	(NA)	(NA)	(NA)	(NA)
<b>GUAM</b>						
1951-1955.....	19,806	17,211	2,595	4,443	1,672	2,771
1956-1960.....	24,852	21,169	3,683	6,099	2,726	3,373
1961-1965.....	(NA)	28,299	(NA)	(NA)	(NA)	(NA)
1966.....	(NA)	36,396	(NA)	(NA)	(NA)	(NA)
<b>VIRGIN ISLANDS</b>						
1951-1955.....	14,705	11,634	3,071	3,590	3,000	590
1956-1960.....	27,943	20,542	7,401	5,948	5,249	699
1961-1965.....	80,536	55,145	25,391	23,741	22,433	1,307
1955.....	16,256	12,372	3,883	4,294	3,872	422
1960.....	42,257	29,393	12,864	8,413	7,445	968
1964.....	96,002	68,818	27,184	27,168	25,632	1,536
1965.....	118,676	74,086	44,589	36,256	34,695	1,561
1966.....	138,221	94,569	43,652	56,084	52,986	3,098

NA Not available. <sup>1</sup> Imports for consumption.<sup>2</sup> Beginning 1950, excludes certain commodity exports under security regulations.Source: Dept. of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*, and unpublished data.



**No. 1247. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1953 TO 1966**

[In thousands of dollars. For years ending June 30]

ITEM	1953	1955	1960	1964	1965	1966
<b>Receipts</b> .....	<b>186,518</b>	<b>217,063</b>	<b>420,579</b>	<b>608,897</b>	<b>649,209</b>	<b>757,340</b>
Taxes.....	106,179	115,046	174,968	272,730	308,811	336,594
Property.....	5,056	8,787	13,354	16,541	18,038	19,345
Income.....	34,731	31,968	62,782	113,534	133,690	150,299
Excise.....	60,960	68,716	89,321	126,941	141,085	145,787
Tobacco products.....	14,482	16,467	21,368	29,630	31,419	30,131
Alcoholic beverages.....	17,412	19,494	26,859	35,941	39,617	46,129
Motor fuels.....	10,562	11,430	16,216	21,035	22,779	16,092
Other.....	18,503	21,326	24,878	40,335	47,270	53,435
Motor vehicle licenses.....	2,698	1,537	6,126	10,219	10,815	14,803
Other taxes.....	2,734	4,037	3,385	5,495	5,183	6,360
Federal grants and revenues.....	33,799	37,276	57,854	99,434	107,611	151,447
All grants.....	15,476	16,521	27,477	41,933	46,467	79,961
United States Internal Revenue.....	15,568	17,425	22,552	44,951	44,894	51,286
United States customs, not elsewhere classified.....	2,755	3,330	7,825	12,550	16,250	20,200
Other revenues and receipts.....	46,540	64,741	187,757	236,732	232,787	269,299
Service charges.....	8,820	10,078	11,101	11,193	12,864	14,785
Contributions from other Government funds.....	17,049	18,863	39,080	56,022	68,396	66,424
Borrowing.....	8,466	18,546	76,121	100,961	92,663	92,601
Repayment of loans.....	6,693	5,855	52,604	59,479	46,163	59,033
Other.....	5,512	11,398	8,851	9,077	12,701	36,456
<b>Expenditures</b> .....	<b>191,424</b>	<b>217,452</b>	<b>417,514</b>	<b>591,149</b>	<b>638,612</b>	<b>731,557</b>
Personal services.....	76,110	87,798	139,933	194,201	216,047	239,006
Services other than personal.....	10,778	12,725	20,294	28,704	33,316	36,955
Materials, supplies, and parts.....	16,124	16,105	19,365	23,940	29,751	28,810
Equipment purchased.....	3,501	3,949	4,781	6,645	8,473	11,199
Grants, subsidies, awards, and taxes.....	34,269	38,031	59,180	120,175	125,467	150,374
Acquisition of land and improvements.....	17,482	17,302	22,553	30,947	42,595	48,003
Debt retirement, interest, and dividends.....	2,131	3,439	12,364	20,796	23,706	26,516
Refunds and nonexpense items.....	17,619	23,286	106,586	121,646	102,670	140,015
Transfer to other Government funds.....	13,411	14,817	32,458	44,096	56,587	50,679

Source: Puerto Rico, Dept. of the Treasury; unpublished data.

**No. 1248. PUERTO RICO—DISTRIBUTION OF GROSS PRODUCT AND IMPORTS: 1955 TO 1966**

[In millions of dollars. For years ending June 30]

ITEM	1955	1960	1963	1964	1965	1966
<b>Gross commonwealth product</b> .....	<b>1,142</b>	<b>1,686</b>	<b>2,253</b>	<b>2,475</b>	<b>2,721</b>	<b>3,638</b>
Sales of domestic production and imports.....	1,906	2,900	3,853	4,339	4,816	5,355
Sales of goods and services to Puerto Rican users.....	1,322	2,010	2,660	3,024	3,421	3,724
Consumers.....	964	1,395	1,796	2,006	2,197	2,439
Commonwealth and municipal governments.....	140	218	313	358	396	427
Construction.....	130	227	323	381	501	505
Producers durable equipment.....	73	128	166	203	221	249
Changes in inventories.....	14	42	62	76	106	104
Sales of goods and services to the rest of the world.....	585	890	1,193	1,315	1,395	1,631
Federal Government.....	131	114	137	154	148	170
Other nonresidents.....	454	776	1,056	1,161	1,247	1,461
Less: Imports of goods and services.....	764	1,214	1,600	1,864	2,095	2,317
Federal Government.....	26	23	32	32	37	55
Other nonresidents.....	738	1,191	1,568	1,832	2,058	2,262

Source: Puerto Rico Planning Board, Bureau of Economic and Social Analysis; *Ingreso y Producto*, 1965 and unpublished data.

**No. 1249. PUERTO RICO—EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY SEX: 1950 TO 1966**

[In thousands of persons 14 years old and over. Annual averages. For 1950 and 1960, derived from quarterly data collected for the week including the 8th of each month; beginning 1965, derived from data collected monthly. Data for 1965 and 1966 obtained from sample based on the 1960 census]

EMPLOYMENT STATUS	1950			1960			1965			1966		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	1,287	638	649	1,383	628	755	1,649	779	870	1,698	798	900
In the labor force.....	686	507	179	625	455	170	772	564	209	807	577	230
Employed.....	596	434	162	543	392	151	688	495	194	717	507	210
Working.....	(NA)	(NA)	(NA)	510	373	137	654	471	182	683	485	198
35 hours or more.....	(NA)	(NA)	(NA)	342	258	84	446	337	108	504	374	130
Less than 35 hours.....	(NA)	(NA)	(NA)	168	115	53	208	134	74	178	111	67
Not working.....	(NA)	(NA)	(NA)	33	19	14	34	23	11	34	21	13
Unemployed.....	88	71	17	82	63	19	84	69	15	91	71	20
Not in the labor force.....	601	131	470	758	173	585	876	216	661	891	222	669
Engaged in housework at home.....	(NA)	(NA)	(NA)	510	2	508	561	(S)	560	568	(S)	567
In school.....	(NA)	(NA)	(NA)	121	61	60	168	81	87	169	82	87
Disabled.....	(NA)	(NA)	(NA)	32	22	10	33	24	9	34	24	10
Other.....	(NA)	(NA)	(NA)	95	88	7	114	109	5	120	115	5

NA Not available. S Does not meet publication standards because there were not enough cases in the sample for a reliable estimate.

Source: Puerto Rico Dept. of Labor, Bureau of Labor Statistics; unpublished data.

**No. 1250. PUERTO RICO—NET INCOME BY INDUSTRIAL ORIGIN: 1955 TO 1966**

[In millions of dollars. For years ending June 30]

INDUSTRY	1955	1960	1963	1964	1965	1966
<b>All industries</b> .....	960	1,355	1,913	2,085	2,289	2,525
Agriculture.....	168	180	226	205	190	184
Sugarcane.....	76	67	90	68	59	58
Other.....	93	113	137	137	131	125
Manufacturing.....	169	289	444	497	548	612
Food and related products.....	50	67	101	117	124	133
Tobacco products.....	11	10	22	25	32	34
Textile mill products.....	7	14	15	18	22	27
Apparel and related products.....	32	51	75	82	90	104
Wood products and furniture.....	8	9	14	14	18	24
Printing and publishing.....	5	11	12	15	17	20
Chemicals and allied products.....	8	10	36	45	48	48
Stone, clay, and glass products.....	11	19	29	32	38	37
Metal products and machinery.....	20	55	74	79	83	100
Paper products.....	4	5	6	5	6	6
Leather products.....	3	7	16	19	23	27
Other manufacturing.....	12	31	44	46	47	52
Mining.....	2	2	5	7	8	8
Contract construction.....	44	87	137	148	187	208
Transportation and other public utilities.....	75	123	179	192	208	227
Trade.....	161	237	322	363	405	449
Finance, insurance, and real estate.....	85	141	202	224	254	290
Services.....	67	132	207	238	276	315
Commonwealth Government <sup>1</sup> .....	108	175	245	276	307	341
Rest of the world.....	79	-11	-54	-65	-94	-109

<sup>1</sup> Includes public enterprises, not elsewhere classified.

Source: Puerto Rico Planning Board, Bureau of Economic and Social Analysis; *Ingreso y Producto*, 1965 and unpublished data.



No. 1251. PUERTO RICO—PRINCIPAL CROPS, LAND HARVESTED, PRODUCTION AND VALUE OF SALES: 1959 AND 1964

[Crops ranked by value of production, 1964. 1 cuerda=0.97 acre]

CROP	LAND HARVESTED		PRODUCTION			Value of sales, 1964
	1959	1964	Unit	Quantity		
				1959	1964	
	<i>Cuerdas</i>	<i>Cuerdas</i>				<i>(\$1,000)</i>
Sugarcane.....	320,940	<sup>1</sup> 276,404	Short tons.....	10,155,136	<sup>1</sup> 9,417,797	93,374
Coffee.....	183,430	177,820	Pounds.....	29,000,054	33,210,861	18,134
Tobacco.....	17,328	<sup>1</sup> 18,792	Pounds.....	19,418,717	<sup>1</sup> 22,705,214	8,855
Plantains.....	15,881	13,249	Bunches.....	6,782,393	6,125,256	4,264
Bananas.....	34,366	27,212	Bunches.....	13,807,706	12,204,574	4,368
Pineapples.....	4,027	4,397	Short tons.....	42,265	63,563	3,024
Oranges.....	12,895	18,875	Number.....	159,444,312	218,650,188	1,291
Taniers.....	8,704	8,972	Pounds.....	18,792,895	25,692,838	1,530
Pigeon peas.....	11,555	10,006	Pounds.....	7,576,054	8,673,484	1,529
Vegetables for sale.....	5,977	4,470	(X)	(X)	(X)	1,608
Yams.....	4,345	3,430	Pounds.....	16,578,254	13,925,119	559
Sweetpotatoes.....	8,026	5,338	Pounds.....	15,906,560	12,915,338	484
Avocados.....	3,526	738	Number.....	16,424,809	18,108,333	400
Coconuts.....	10,476	5,058	Number.....	23,392,963	12,206,756	379
Ornamentals.....	(NA)	259	(X)	(X)	(X)	385
Breadfruit.....	145	133	Number.....	1,306,857	17,276,203	30
Grapfruit.....	1,922	625	Number.....	12,506,975	14,058,817	122
Corn.....	16,138	5,227	Pounds.....	12,757,139	4,381,809	192
Mangoes.....	1,438	180	Number.....	35,374,856	41,799,192	58
Dashcens.....	3,543	2,155	Pounds.....	9,694,098	6,623,658	108

NA Not available. X Not applicable. <sup>1</sup> Preliminary.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Agriculture: 1964*, Vol. I.

No. 1252. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1958 AND 1963

[Totals include data for industries not shown separately. "N.e.c." means not elsewhere classified]

INDUSTRY	1958			1963						
	Es-tab-lish-ments	All em-ploy-ees, aver-age for year	Value added by manu-fac-ture, ad-justed <sup>1</sup> (\$1,000)	Es-tab-lish-ments	All employees		Production workers		Value of ship-ments <sup>2</sup> (\$1,000)	Value added by manu-fac-ture, ad-justed <sup>1</sup> (\$1,000)
					Num-ber, aver-age for year	Sal-a-ries and wages, total (\$1,000)	Num-ber, aver-age for year	Wages, total (\$1,000)		
All industries, total.....	2,042	71,188	292,142	2,243	98,597	241,021	83,940	178,897	1,480,379	620,815
Food and kindred products.....	510	17,082	95,617	471	21,141	57,337	15,417	34,758	553,627	189,680
Meat products.....	2	(D)	(D)	5	171	340	121	182	4,095	855
Dairies.....	30	1,357	6,975	27	1,849	5,998	618	1,761	53,225	13,412
Canned and frozen foods.....	38	1,339	5,799	43	3,288	7,998	2,962	6,490	62,417	19,969
Grain mills.....	5	(D)	(D)	8	580	2,369	404	1,418	59,380	8,224
Bakery products.....	270	2,483	7,288	233	2,483	5,277	2,102	4,077	25,347	10,866
Sugar.....	35	7,568	37,439	30	7,580	19,638	6,130	13,563	195,824	56,234
Candy and related products.....	16	326	1,144	20	433	846	347	543	4,964	2,517
Beverages.....	51	3,292	33,089	43	3,938	12,958	2,098	5,640	121,404	71,846
Misc. food and kindred prod.....	63	608	3,276	72	819	1,912	635	1,084	56,772	5,757
Tobacco manufactures.....	142	4,509	10,119	83	6,062	10,221	5,836	9,406	59,958	23,847
Cigars.....	98	1,582	5,707	47	2,201	4,814	2,167	4,487	31,986	14,841
Tobacco stemming and redry-ing.....	37	2,883	4,382	30	3,812	5,375	3,625	4,894	27,720	8,951
Textile mill products.....	55	4,444	15,201	53	4,970	10,654	4,471	9,054	50,404	20,546
Knitting mills.....	33	2,813	10,194	28	3,457	7,494	3,116	6,432	30,540	12,383
Flooring covering mills.....	6	(D)	(D)	5	713	1,225	609	955	4,167	2,377

See footnotes at end of table.

## No. 1252. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1958 AND 1963—Con.

INDUSTRY	1958			1963						
	Es- tab- lish- ments	All em- ploy- ees, aver- age for year	Value added by manu- fac- ture, ad- justed <sup>1</sup> (\$1,000)	Es- tab- lish- ments	All employees Num- ber, aver- age for year	Salari- es and wages, total (\$1,000)	Production workers Num- ber, aver- age for year	Wages, total (\$1,000)	Value of ship- ments <sup>2</sup> (\$1,000)	Value added by manu- fac- ture, ad- justed <sup>1</sup> (\$1,000)
<b>Apparel and related prod.</b> .....	347	17,998	44,206	386	26,622	50,670	24,825	44,287	179,247	90,734
Men's and boys' suits and coats.....	4	358	758	2	(D)	(D)	(D)	(D)	(D)	(D)
Men's and boys' furnishings.....	69	3,208	7,150	78	5,179	9,075	4,883	7,899	42,032	17,867
Women's and misses' outer- wear.....	67	2,375	5,418	55	2,960	5,478	2,631	4,719	21,638	10,668
Women's and children's underwear.....	69	6,465	19,684	111	12,854	26,728	12,001	23,450	82,052	44,819
Millinery, hats, and caps.....	5	155	427	6	(D)	(D)	(D)	(D)	(D)	(D)
Children's outerwear.....	38	1,654	3,571	24	996	1,710	933	1,489	4,801	2,938
Miscellaneous apparel.....	62	2,665	4,393	47	2,206	3,454	2,087	2,982	13,984	6,926
Fabricated textiles, n.e.c.....	33	1,118	2,805	63	1,886	3,193	1,773	2,859	11,395	5,448
<b>Lumber and wood products.</b> .....	49	466	1,230	75	607	1,412	560	1,156	5,674	2,462
Sawmills and planing mills.....	1	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)	(D)
Millwork and related products.....	39	407	986	65	560	1,326	514	1,073	5,278	2,263
Miscellaneous wood products.....	9	(D)	(D)	7	21	(D)	21	(D)	(D)	(D)
<b>Furniture and fixtures</b> .....	204	2,861	8,720	205	3,691	8,240	3,138	6,081	28,796	15,416
Household furniture.....	192	2,774	8,499	189	3,568	7,932	3,027	5,822	27,884	14,963
<b>Paper and allied products.</b> .....	11	635	3,902	27	1,286	4,587	1,019	3,138	21,406	8,360
Paper and paperboard products.....	4	(D)	(D)	12	328	(D)	290	(D)	(D)	(D)
Paperboard containers and boxes.....	5	332	1,698	12	609	2,327	457	1,582	10,229	4,145
<b>Printing and publishing</b> .....	110	1,516	6,762	133	1,885	6,542	1,132	3,497	18,205	13,547
Newspapers.....	3	651	(D)	4	928	3,840	325	1,312	11,304	8,752
Commercial printing.....	96	796	3,057	112	797	2,171	669	1,739	5,350	3,572
<b>Chemicals and allied prod.</b> .....	70	1,483	9,207	80	2,337	8,172	1,658	4,810	80,696	46,151
Drugs.....	21	364	2,677	25	666	2,058	484	1,332	27,636	20,189
Agricultural chemicals.....	10	670	4,694	9	453	1,521	332	880	16,762	5,116
Misc. chemical products.....	11	90	127	14	221	(D)	197	(D)	(D)	(D)
<b>Petroleum and coal prod.</b> .....	8	(D)	(D)	9	1,362	(D)	1,103	(D)	(D)	(D)
<b>Rubber and plastics prod- ucts, n.e.c.</b> .....	14	1,022	4,036	24	1,160	3,072	1,054	2,395	13,279	6,292
<b>Leather and leather prod.</b> .....	32	2,620	6,673	56	5,997	10,959	5,470	8,854	42,701	20,587
Shoes, except rubber.....	12	1,543	4,211	20	2,868	5,816	2,500	4,324	19,276	10,456
Purses and small leather goods.....	10	692	1,365	14	1,409	2,268	1,347	2,068	9,712	3,818
<b>Stone, clay and glass prod.</b> .....	171	4,131	19,251	228	5,263	16,084	4,005	10,460	68,747	37,561
Concrete and plaster products.....	148	2,003	7,060	197	2,990	7,132	2,347	4,832	33,960	16,630
<b>Primary metal industries.</b> .....	14	426	1,908	15	664	2,274	563	1,517	11,855	5,788
<b>Fabricated metal products.</b> .....	118	2,007	10,287	175	2,611	8,656	2,019	5,390	49,157	16,753
Structural metal products.....	80	1,238	6,150	138	1,792	5,666	1,329	3,182	29,274	9,473
<b>Machinery (exc. electrical)</b> .....	26	703	4,153	33	952	3,348	808	2,458	10,906	7,651
Miscellaneous machinery.....	12	177	812	9	169	518	141	414	1,450	956
<b>Electrical machinery</b> .....	49	3,049	21,837	73	5,572	16,735	4,950	13,643	90,290	50,856
Electric distribution prod.....	8	616	3,092	12	1,501	4,732	1,360	3,756	22,119	14,046
Household appliances.....	6	975	10,496	11	1,420	4,396	1,351	3,975	29,927	12,236
Lighting and wiring devices.....	5	190	2,315	9	581	1,718	518	1,348	10,163	6,428
Communication equipment.....	3	(D)	(D)	4	527	1,396	363	899	8,214	5,558
Electronic components.....	14	751	2,894	22	1,117	3,444	979	2,843	14,285	9,418
<b>Transportation equipment</b> .....	3	(D)	(D)	7	325	(D)	291	(D)	(D)	(D)
<b>Instruments and related products</b> .....	15	1,148	3,932	13	1,801	5,157	1,663	4,410	21,516	11,954
Mechanical measuring devices.....	2	(D)	(D)	3	138	(D)	124	(D)	(D)	(D)
<b>Misc. manufacturing (in- cluding ordnance)</b> .....	94	3,964	11,760	97	4,289	8,227	3,958	6,636	34,615	16,492
Jewelry and silverware.....	11	352	(D)	18	(D)	(D)	(D)	(D)	(D)	(D)
Toys and sporting goods.....	17	1,411	3,905	19	1,940	3,208	1,837	2,915	11,441	5,417
Costume jewelry and notions.....	30	1,309	3,281	22	971	1,830	908	1,406	7,298	3,607
Misc. mfg. (incl. ord.).....	33	461	1,299	37	814	1,669	719	1,134	6,123	3,072

D Withheld to avoid disclosing operations of individual companies.

<sup>1</sup> Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work plus net change in finished goods and work-in-process inventory and value added in merchandising activities of manufacturing establishments.<sup>2</sup> Represents net selling value, f.o.b. plant, after discounts and allowances, of all shipments of products from manufacturing establishments of an industry, plus receipts for miscellaneous activities of such plants. Excludes freight charges and excise taxes. Products transferred to other establishments of the same company are valued at the nearest approximation to the economic value. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Manufactures of Puerto Rico, MC63-PR (in cooperation with the Puerto Rico Planning Board).



## No. 1253. PUERTO RICO—BUSINESS SUMMARY: 1958 AND 1963

[Money figures in thousands of dollars. For discussion of coverage, see text, p. 782]

KIND OF BUSINESS	1958		1963			
	Estab- lish- ments	Total receipts	Estab- lish- ments	Total receipts	Payroll, entire year	Em- ploy- ees <sup>1</sup>
<b>Wholesale trade</b> .....	<b>1,246</b>	<b>683,464</b>	<b>1,372</b>	<b>1,044,868</b>	<b>58,680</b>	<b>15,301</b>
Motor vehicles, automotive equipment.....	37	18,799	48	30,622	2,398	626
Drugs, chemicals, allied products.....	63	41,807	86	76,025	6,224	1,473
Dry goods, apparel.....	128	29,920	148	44,509	2,620	892
Groceries and related products.....	567	338,215	549	424,971	14,822	4,563
Farm products—raw materials.....	5	3,599	17	6,177	610	189
Electrical goods.....	51	26,023	86	78,425	6,924	1,573
Hardware, plumbing and heating equipment, supplies.....	39	25,660	55	28,530	1,642	488
Machinery, equipment, supplies.....	90	41,595	136	84,908	8,670	2,013
Miscellaneous.....	255	100,259	237	191,648	10,937	2,779
Petroleum bulk stations.....	11	57,589	10	79,053	3,834	705
<b>Retail trade</b> .....	<b>28,463</b>	<b>745,220</b>	<b>30,789</b>	<b>1,167,297</b>	<b>91,841</b>	<b>43,361</b>
Lumber, building materials, hardware, farm equipment dealers.....	546	(NA)	703	97,599	9,605	3,639
Lumber, building materials dealers.....	173	27,960	154	43,773	4,076	1,473
Heating, plumbing equipment dealers.....	3	(NA)	3	577	52	19
Paint, glass, wallpaper stores.....	22	1,304	46	2,838	455	174
Electrical supply stores.....	20	9,090	29	4,076	407	176
Hardware stores.....	317	18,103	450	42,840	4,228	1,693
Farm equipment dealers.....	11	10,322	21	3,495	387	104
General merchandise group stores.....	926	47,810	843	91,208	11,201	5,060
Department stores.....	19	20,609	23	40,715	6,244	2,683
Miscellaneous general merchandise stores.....	907	27,201	820	50,493	4,957	2,377
Food stores, eating and drinking places.....	21,527	290,029	22,526	411,166	23,320	13,607
Grocery stores, eating and drinking places.....	18,758	268,712	19,991	382,969	21,370	12,516
Meat, fish (seafood) markets.....	504	9,079	418	8,752	353	226
Fruit stores, vegetable markets.....	1,668	6,301	1,121	6,739	128	88
Candy, nut, confectionery stores.....	300	526	746	2,912	164	122
Dairy products stores.....	56	1,631	36	3,636	408	151
Retail bakeries.....	16	243	92	3,767	730	399
Miscellaneous food stores.....	225	3,537	122	2,390	166	105
Automotive dealers, gasoline service stations.....	813	125,983	1,322	268,500	16,728	6,581
Passenger car dealers (franchised).....	70	77,400	140	174,050	9,032	2,460
Passenger car dealers (nonfranchised).....	17	2,193	67	13,060	848	280
Tire, battery, accessory dealers.....	124	8,640	244	20,135	1,945	741
Gasoline service stations.....	598	37,548	867	60,595	4,854	3,084
Miscellaneous aircraft, marine, and automotive dealers.....	4	202	4	660	50	16
Apparel, accessory stores.....	2,159	76,307	2,466	128,609	12,765	6,313
Men's, boys' clothing and furnishings stores, custom- tailors.....	445	18,427	241	21,225	2,327	968
Women's clothing, specialty stores.....	768	19,489	576	28,524	2,665	1,504
Children's, infants' wear stores.....	109	732	46	1,106	126	63
Family clothing stores.....	533	15,721	1,392	47,764	4,000	2,215
Shoe stores.....	304	21,938	208	29,879	3,642	1,560
Apparel, accessory stores.....	-	-	3	112	5	3
Furniture, home furnishings, equipment stores.....	891	80,163	1,073	92,915	9,799	4,238
Other retail stores <sup>2</sup> .....	1,601	(NA)	1,856	77,300	8,424	3,923
Drug stores, proprietary stores.....	603	24,924	694	41,629	4,084	2,040
Farm and garden supply stores.....	49	3,914	33	2,137	159	83
Jewelry stores.....	204	4,967	296	9,201	1,235	526
<b>Selected services</b> .....	<b>6,810</b>	<b>139,827</b>	<b>8,925</b>	<b>207,754</b>	<b>29,439</b>	<b>13,054</b>
Hotels, tourist courts, motels.....	118	15,319	149	35,691	12,360	4,957
Personal services <sup>2</sup> .....	2,966	12,425	3,173	21,617	5,042	2,920
Laundries, laundry services, dry cleaning and dyeing plants.....	277	4,375	255	8,045	2,676	1,476
Beauty shops.....	570	1,717	917	3,456	662	500
Barber shops.....	1,258	2,366	1,266	3,747	636	396
Shoe repair shops, shoeshine parlors, hat cleaning shops.....	481	1,157	320	1,017	148	107
Funeral services.....	79	1,574	119	3,402	506	224
Miscellaneous business services.....	55	8,958	114	19,310	3,947	987
Auto repair, auto services, garages.....	592	7,607	835	11,562	2,495	1,198
Miscellaneous repair services.....	712	4,362	827	6,704	1,358	664
Motion pictures.....	169	6,894	160	(NA)	(NA)	(NA)
Amusement, recreation services, except motion pictures <sup>3</sup> .....	2,198	84,261	3,664	(NA)	(NA)	(NA)

- Represents zero. NA Not available.

<sup>1</sup> Workweek ended nearest Nov. 15. <sup>2</sup> Includes data not shown separately.<sup>3</sup> Includes lottery agencies and horserace betting agencies.Source: Dept. of Commerce, Bureau of the Census; *Puerto Rico Census of Business: 1963*, Bulletin BC63-PR (in cooperation with Puerto Rico Planning Board).

## No. 1254. GUAM—BUSINESS SUMMARY: 1963

[For discussion of coverage, see text, p. 782]

KIND OF BUSINESS	Estab- lish- ments	Sales or receipts (\$1,000)	Payroll entire year (\$1,000)	WORKWEEK ENDED NEAREST NOV. 15	
				Payroll	Paid em- ployees
<b>Total</b> .....	<b>443</b>	<b>(X)</b>	<b>7,962</b>	<b>\$182,565</b>	<b>2,814</b>
<b>Manufacturing</b> <sup>1</sup> .....	<b>12</b>	<b>5,035</b>	<b>1,172</b>	<b>31,895</b>	<b>358</b>
Food and kindred products.....	5	2,641	438	15,208	160
Other manufacturing.....	7	2,394	734	16,687	198
<b>Wholesale trade</b> .....	<b>33</b>	<b>13,850</b>	<b>1,246</b>	<b>28,568</b>	<b>382</b>
Groceries and related products.....	13	5,282	498	12,413	192
Other.....	20	8,568	748	16,155	190
<b>Retail trade</b> .....	<b>310</b>	<b>42,609</b>	<b>4,869</b>	<b>105,888</b>	<b>1,773</b>
Lumber, building materials, hardware, farm- equipment dealers.....	8	5,980	509	10,794	137
General merchandise group stores.....	27	5,967	751	15,580	273
Food stores.....	131	12,376	683	14,193	267
Automotive dealers.....	13	9,022	1,286	28,857	375
Gasoline service stations.....	20	1,983	136	3,853	85
Apparel, accessories stores.....	23	1,348	162	3,985	79
Furniture, home furnishings, equipment stores.....	9	2,170	430	7,454	122
Eating, drinking places.....	48	2,451	736	17,328	366
Other retail stores.....	31	1,313	176	3,844	69
<b>Selected services</b> <sup>1</sup> .....	<b>88</b>	<b>2,401</b>	<b>675</b>	<b>16,214</b>	<b>301</b>
Personal services.....	46	611	272	5,943	123
Auto repair, auto services, garages.....	13	292	104	2,553	40
Miscellaneous repair services.....	11	139	37	792	16
Amusement and recreation services <sup>2</sup> .....	13	960	187	3,857	67

X Not applicable.

<sup>1</sup> Includes data for businesses not shown separately. <sup>2</sup> Includes motion picture theaters.

Source: Dept. of Commerce, Bureau of the Census; U.S. Censuses of Business, Manufactures, and Mineral Industries: 1963, EC 63-2.

## No. 1255. VIRGIN ISLANDS—BUSINESS SUMMARY: 1963

[For discussion of coverage, see text, p. 782]

KIND OF BUSINESS	Estab- lish- ments	Sales or receipts (\$1,000)	Payroll entire year (\$1,000)	WORKWEEK ENDED NEAREST JAN. 15, 1964	
				Payroll	Paid em- ployees
<b>Total</b> .....	<b>1,027</b>	<b>(X)</b>	<b>14,626</b>	<b>\$322,459</b>	<b>5,914</b>
<b>Mining and manufacturing</b> <sup>1</sup> .....	<b>72</b>	<b>21,365</b>	<b>3,185</b>	<b>67,683</b>	<b>1,177</b>
Food and kindred products.....	14	2,659	565	11,515	262
Other mining and manufacturing <sup>1</sup> .....	58	18,706	2,620	56,168	915
<b>Wholesale trade</b> .....	<b>67</b>	<b>18,005</b>	<b>1,087</b>	<b>22,064</b>	<b>296</b>
Groceries and related products.....	20	5,909	435	8,512	125
Other.....	47	12,096	652	13,552	171
<b>Retail trade</b> .....	<b>674</b>	<b>55,829</b>	<b>6,302</b>	<b>140,941</b>	<b>2,401</b>
Lumber, building materials, hardware, farm- equipment dealers.....	26	6,568	780	14,596	208
General merchandise group stores.....	51	3,275	431	8,890	183
Food stores.....	160	12,646	904	23,799	425
Automotive dealers.....	25	5,848	633	16,916	209
Gasoline service stations.....	17	851	110	2,976	58
Apparel, accessories stores.....	68	3,631	391	8,918	185
Furniture, home furnishings, equipment stores.....	39	3,242	473	8,654	144
Eating, drinking places.....	161	3,979	830	17,384	386
Other retail stores.....	127	15,788	1,751	38,808	603
<b>Selected services</b> .....	<b>214</b>	<b>14,280</b>	<b>4,052</b>	<b>91,771</b>	<b>2,040</b>
Personal services.....	53	550	182	4,523	113
Auto repair, auto services, garages.....	26	1,352	248	7,451	89
Miscellaneous repair services.....	20	126	42	614	8
Amusement and recreation services <sup>2</sup> .....	11	379	89	2,919	72
Hotels, motels, tourist courts, camps.....	89	11,608	3,435	74,659	1,734
Miscellaneous business services.....	15	265	56	1,605	24

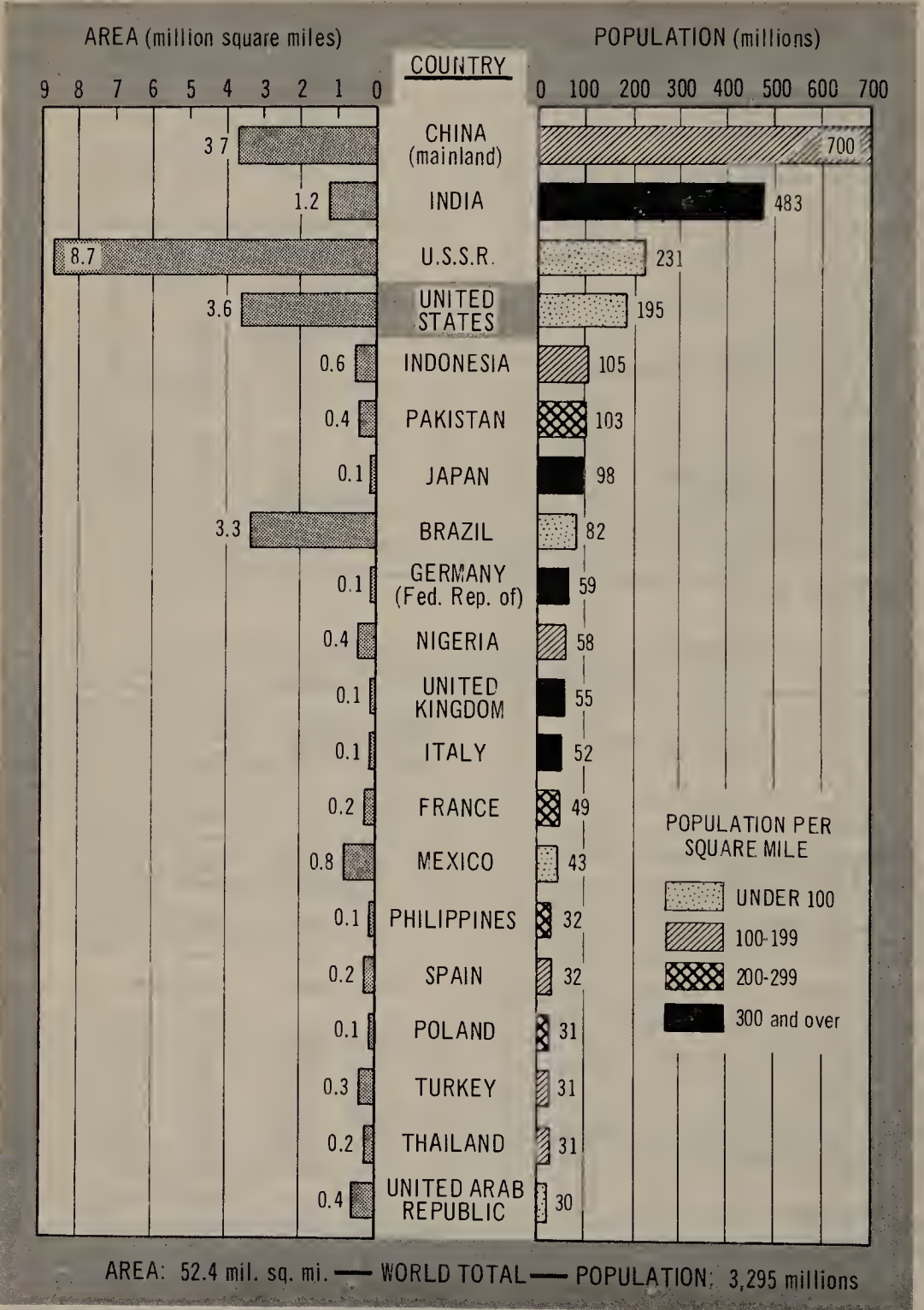
X Not applicable. <sup>1</sup> Includes 3 establishments classified as mining. <sup>2</sup> Includes motion picture theaters.

Source: Dept. of Commerce, Bureau of the Census; U.S. Censuses of Business, Manufactures, and Mineral Industries: 1963, EC 63-1.



FIG. LIII. AREA AND POPULATION—UNITED STATES AND LEADING COUNTRIES: 1965

[Estimated midyear population. See table 1257]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Statistical Office of the United Nations.

## Section 33

### Comparative International Statistics

This section presents summary statistics on the industrial, social, and agricultural organization of the various nations and on finances of international agencies.

The principal source for the data presented in this section is the United Nations *Statistical Yearbook*. Statistics of the individual nations may be found primarily in official publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*, the *Demographic Yearbook*, the *Yearbook of International Trade Statistics*, the *Yearbook of National Accounts Statistics*, *Population and Vital Statistics Reports* (quarterly), the *Monthly Bulletin of Statistics*, *The Growth of World Industry: National Tables, 1938-1961*, and *The Growth of World Industry: International Analyses and Tables, 1938-1961*.

For foreign agricultural and labor statistics, the outstanding sources are the *Yearbook of Food and Agricultural Statistics*, issued by the Food and Agriculture Organization, and the *Yearbook of Labour Statistics*, issued by the International Labour Office; both are specialized agencies of the United Nations. These publications usually present data covering an extensive period of time, frequently up to 20 years. The *International Population Statistics Reports*, Series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries.

**Statistical coverage.**—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown here. The list of countries included is based on, but not limited to, the membership rosters of the United Nations and of the larger specialized agencies of the United Nations (see table 1283). In a few instances, member countries were omitted because of an almost complete lack of data.

The items selected for presentation here are believed to be among those most significant. However, certain important items, such as those on national income, are omitted because of the inability to convert the available statistics, stated in terms of the national currencies, to meaningful consistency in United States measures.

**OECD, EEC, and EFTA.**—The Organisation for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organisation for Economic Co-operation and Development (OECD). The OECD consists of the member nations of the former OEEC—Austria, Belgium, Denmark, France, Germany (Federal Republic), Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom—and also Canada and the United States.

The European Economic Community (EEC), or "Common Market," consisting of Belgium, France, Germany (Federal Republic), Italy, Luxembourg, and the Netherlands, was formed in 1958 for the purpose of promoting European economic integration. It is based on agreement among the member nations to stimulate their economic growth, primarily through the gradual elimination of trade barriers among



themselves, the establishment of a common external tariff, the coordination of monetary, fiscal, and agricultural policies, and the removal of restrictions on movement of services, labor, capital, and business enterprises within the community.

The European Free Trade Association (EFTA), established in late 1959, consists of Austria, Denmark, Norway, Portugal, Sweden, Switzerland, and the United Kingdom. It represents an agreement among the member nations to promote free trade and economic cooperation in Europe through gradual elimination of tariffs and quotas among themselves but without establishment of a common external tariff.

**Quality and comparability of the data.**—The quality and the comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise stated in headnotes or footnotes. Space limitations made it impracticable to present the data for a series of years except for population, indexes of per capita product, agriculture, and gold and foreign exchange holdings.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (conterminous United States only, or including Alaska and Hawaii or certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations in order to improve their comparability with figures from other countries.

**Conversion factors.**—To facilitate comparison in terms of familiar units, items shown in metric units in the source have been converted to U.S. equivalents by means of the conversion factors given in the *Statistical Yearbook* and shown below. Additional conversion factors appear in Appendix I, Weights and Measures, pages 945 and 946.

CONVERSION FACTORS

3b

<i>Metric units</i>	<i>U.S. equivalents</i>
1 kilometer.....	0.621371 mile
1 square kilometer.....	0.386102 sq. mile
1 kilogram.....	2.204623 pounds
1 metric ton (1,000 kilograms).....	1.102311 short tons
1 metric ton-kilometer.....	0.684944 short ton-mile
1 hectolitre.....	26.4172 U.S. gallons
1 cubic meter.....	35.31467 cubic feet

## No. 1256. WORLD SUMMARY: 1960 TO 1965

[See text, p. 860, for general comments concerning quality of the data]

ITEM	Unit	1960	1962	1963	1964	1965
<b>Population</b> .....	Millions	3,003	3,117	3,176	3,234	3,295
<b>Agricultural production, forestry, fishing:</b>						
Barley.....	Mil. sh. tons	96	108	110	119	112
Coffee.....	Mil. sh. tons	4.3	4.5	4.4	3.4	5.2
Corn.....	Mil. sh. tons	235	243	248	249	256
Cotton (lint).....	Mil. sh. tons	12	12	12	13	13
Cottonseed.....	Mil. sh. tons	22	22	23	24	24
Linseed (flaxseed).....	Mil. sh. tons	3.5	3.9	3.7	3.7	4.0
Oats.....	Mil. sh. tons	64	55	53	50	52
Peanuts (groundnuts) <sup>1</sup> .....	Mil. sh. tons	15	15	17	18	17
Potatoes.....	Mil. sh. tons	312	290	309	323	300
Rice.....	Mil. sh. tons	260	265	276	287	274
Rye.....	Mil. sh. tons	41	39	33	36	39
Tobacco.....	Mil. sh. tons	4.0	4.3	5.1	5.0	4.5
Wheat.....	Mil. sh. tons	268	283	263	303	287
Wool, greasy.....	Mil. sh. tons	2.8	2.9	2.9	2.9	2.9
Roundwood.....	Mil. cu. ft.	67,119	67,451	68,087	70,523	71,018
Rubber (natural).....	Mil. sh. tons	2.2	2.4	2.3	2.5	2.6
Fish catches.....	Mil. sh. tons	44	51	52	57	58
<b>Industrial production:</b>						
Coal.....	Mil. sh. tons	2,189	2,047	2,125	2,201	2,255
Lignite.....	Mil. sh. tons	705	752	790	825	819
Iron ore.....	Mil. sh. tons	256	268	280	315	336
Manganese ore.....	Mil. sh. tons	6.1	6.6	6.7	7.3	8.2
Nickel ore <sup>1</sup> .....	1,000 sh. tons	311	311	311	343	378
Tin concentrate <sup>1</sup> .....	1,000 sh. tons	153	159	159	165	171
Crude petroleum.....	Mil. bbl.	7,891	9,105	9,772	10,551	11,317
Meat.....	Mil. sh. tons	68	73	75	74	(NA)
Wheat flour.....	Mil. sh. tons	108	114	116	115	119
Sugar.....	Mil. sh. tons	56	55	56	64	69
Margarine.....	Mil. sh. tons	4.0	4.2	4.3	4.5	4.6
Wine.....	Mil. gal.	6,446	7,529	6,736	7,450	7,582
Beer.....	Mil. gal.	10,659	11,518	11,888	12,733	13,209
Cigarettes.....	Billions	1,845	2,039	2,112	2,160	2,322
Rayon and acetate yarn:						
Continuous filaments.....	1,000 sh. tons	1,247	1,326	1,361	1,468	1,510
Discontinuous filaments.....	1,000 sh. tons	1,619	1,822	2,010	2,180	2,190
Noncellulosic fibers.....	1,000 sh. tons	777	1,187	1,465	1,862	2,244
Lumber.....	Mil. cu. ft.	11,913	13,702	12,360	12,890	13,066
Woodpulp.....	Mil. sh. tons	65	72	77	83	86
Newsprint.....	Mil. sh. tons	15	17	17	18	19
Paper other than newsprint.....	Mil. sh. tons	39	43	45	49	51
Nitrogenous fertilizers.....	Mil. sh. tons	12	14	17	19	21
<b>Petroleum products: <sup>1</sup></b>						
Motor spirit.....	Mil. sh. tons	276	299	327	355	379
Kerosene.....	Mil. sh. tons	70	84	88	94	100
Distillate fuel oils.....	Mil. sh. tons	204	240	262	270	287
Residual fuel oil.....	Mil. sh. tons	320	378	409	456	507
Lubricating oils.....	Mil. sh. tons	16	18	18	20	20
Metallurgical coke.....	Mil. sh. tons	274	278	284	302	313
Cement.....	Mil. sh. tons	349	395	417	457	477
Pig iron and ferroalloys.....	Mil. sh. tons	255	276	291	331	349
Crude steel.....	Mil. sh. tons	361	386	413	467	489
Magnesium <sup>1</sup> .....	1,000 sh. tons	73	109	119	127	137
Tin <sup>1</sup> .....	1,000 sh. tons	163	162	160	160	168
Merchant vessels, launched <sup>1</sup> .....	Mil. gr. tons	8.4	8.4	8.5	10.3	12.2
Motor vehicles.....	Millions	16.5	18.1	20.5	21.9	24.4
Electric energy.....	Bil. kw.-hr.	2,304	2,636	2,847	3,109	3,340
Energy (coal equivalent).....	Mil. sh. tons	4,737	4,974	5,283	5,613	5,875
<b>External trade:</b>						
Imports, c.i.f.....	Bil. U.S. dol.	135	150	162	182	197
Exports, f.o.b.....	Bil. U.S. dol.	128	142	154	172	186
<b>Transport:</b>						
Railway freight.....	Bil. sh. ton-miles	2,183	2,329	2,458	2,601	2,721
Merchant shipping, freight loaded.....	Mil. sh. tons	1,213	1,389	1,499	1,687	1,808
Civil aviation, miles flown <sup>2</sup> .....	Millions	1,926	2,013	2,125	2,293	2,548
<b>Consumption:</b>						
Cotton.....	Mil. sh. tons	11	11	11	12	12
Phosphatic fertilizers.....	Mil. sh. tons	11	13	13	15	15
Nitrogenous fertilizers.....	Mil. sh. tons	11	13	15	17	20
Potash fertilizers.....	Mil. sh. tons	9	10	11	13	13
<b>Radio receivers in use.....</b>	Millions	(NA)	436	454	483	551
<b>Television receivers in use.....</b>	Millions	(NA)	129	144	164	181

NA Not available.

<sup>1</sup> Excludes the U.S.S.R.<sup>2</sup> Total scheduled services; excludes countries which are not members of the International Civil Aviation Organization.Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1257. AREA AND POPULATION

[Except as noted, area data include inland waters. Population data generally are present-in-area estimates for the present territory. For some countries, however, the estimates have been adjusted to include national armed forces and diplomats stationed outside the country and to exclude alien armed forces, foreign diplomats, and enemy prisoners of war stationed within the country. See text, p. 860, for general comments concerning the data. For details of methodology, coverage, and reliability, see source.]

COUNTRY	AREA		LATEST POPULA- TION CENSUS		MIDYEAR POPULATION ESTIMATES				Popu- lation per square mile <sup>2</sup>
	Square miles	Rank	Year	Number (1,000)	1958 Number (1,000)	1965		Annual rate of change 1958-65 (percent)	
						Number <sup>1</sup> (1,000)	Rank		
World total	52,429 813	(X)	(X)	(X)	2,904,000	3,295,000	(X)	1.8	63
North America	9,361,791	(X)	(X)	(X)	257,000	294,000	(X)	(NA)	31
South America	6,880,706	(X)	(X)	(X)	138,000	166,000	(X)	(NA)	24
Europe	1,903,092	(X)	(X)	(X)	418,000	445,000	(X)	0.9	234
U.S.S.R.	8,649,435	(X)	(X)	(X)	207,000	231,000	(X)	1.5	27
Asia	10,671,446	(X)	(X)	(X)	1,604,000	1,830,000	(X)	1.9	171
Africa	11,677,239	(X)	(X)	(X)	265,000	311,000	(X)	2.3	27
Oceania	3,286,106	(X)	(X)	(X)	15,000	17,500	(X)	2.2	5
SOVEREIGN COUNTRIES <sup>3</sup>									
United States	3,615,200	4	1960	179,323	174,882	194,572	4	1.5	54
Afghanistan	249,999	39	(X)	(X)	<sup>4</sup> 13,325	15,051	35	1.8	60
Albania	11,100	126	1960	1,626	1,507	1,865	109	3.1	168
Algeria	919,593	10	1966	12,102	10,390	<sup>4</sup> 11,871	42	1.9	13
Argentina	1,072,070	8	1960	20,006	19,980	22,352	25	1.6	21
Australia	2,967,885	6	1966	11,541	9,842	11,360	44	2.1	4
Austria	32,374	108	1961	7,074	6,987	7,255	62	0.5	224
Bahrain	231	159	1965	182	139	185	154	4.1	801
Barbados	166	161	1960	233	228	244	149	1.0	1,470
Belgium	11,781	123	1961	9,190	9,053	9,464	49	0.6	803
Bhutan	18,147	117	(X)	(X)	<sup>4</sup> 650	<sup>4</sup> 770	126	2.4	42
Bolivia	424,163	26	1950	2,704	3,360	3,697	86	1.4	9
Botswana	219,916	44	1964	543	<sup>4</sup> 455	559	133	3.0	3
Brazil	3,286,478	5	1960	70,967	<sup>4</sup> 66,740	82,222	8	3.0	25
Bulgaria	<sup>5</sup> 42,823	100	1965	8,227	7,728	8,200	56	0.9	191
Burma	261,789	38	1941	16,824	21,529	24,732	22	2.0	94
Burundi	10,747	128	1965	3,210	<sup>4</sup> 2,794	<sup>3</sup> 2,10	92	2.0	299
Cambodia	69,898	84	1962	5,740	<sup>4</sup> 5,140	6,115	66	2.5	87
Cameroon	183,569	48	(X)	(X)	<sup>4</sup> 4,500	<sup>4</sup> 5,229	69	2.2	28
Canada	3,851,812	2	1960	18,238	17,120	19,604	26	2.0	5
Central African Rep.	240,535	41	1959-60	<sup>6</sup> 1,203	1,161	1,352	117	2.2	6
Ceylon	25,332	113	1963	10,625	9,388	11,232	45	2.6	443
Chad	495,754	19	1963-64	<sup>6</sup> 3,254	<sup>4</sup> 2,980	3,307	91	1.5	7
Chile	292,257	36	1960	7,374	7,316	8,567	53	2.3	29
China (mainland)	3,691,512	3	1953	582,603	<sup>4</sup> 630,000	<sup>4</sup> 700,000	1	1.5	190
China (Taiwan)	13,885	121	1966	12,975	9,851	12,429	39	3.4	895
Colombia	439,513	25	1964	17,485	14,476	18,068	30	3.2	41
Congo (Brazzaville)	132,047	56	1960-62	<sup>6</sup> 797	<sup>8</sup> 750	<sup>4</sup> 840	124	1.6	6
Congo, Dem. Rep. of	905,565	11	1955-57	<sup>6</sup> 12,769	13,474	<sup>6</sup> 15,627	34	2.1	17
Costa Rica	19,575	115	1963	1,336	1,076	1,433	115	4.2	73
Cuba	44,218	96	1953	5,829	6,548	7,631	60	2.2	173
Cyprus	3,572	142	1960	578	558	594	129	0.9	166
Czechoslovakia	49,370	93	1961	13,746	13,474	14,159	36	0.7	287
Dahomey	43,483	97	1961	<sup>6</sup> 2,106	<sup>4</sup> 1,940	<sup>4</sup> 2,365	102	2.9	54
Denmark	16,629	118	1965	4,768	4,515	4,758	74	0.8	286
Dominican Republic	18,816	116	1960	3,047	2,826	3,619	87	3.6	192
Ecuador	109,483	63	1962	4,476	4,065	5,084	71	3.2	46
El Salvador	8,260	132	1961	2,511	2,321	2,928	94	3.4	354
Ethiopia	471,777	22	(X)	(X)	20,100	22,600	24	1.7	48
Finland	130,120	57	1960	4,446	4,360	4,612	75	0.8	35
France	211,207	45	1962	46,520	44,789	48,922	13	1.3	232
Gabon	103,346	66	1960-61	449	417	463	138	1.5	4
Gambia	4,361	139	1963	315	<sup>4</sup> 286	330	144	2.0	76
Germany, Eastern	41,661	102	1964	17,012	17,355	<sup>4</sup> 17,100	32	-0.2	410
Germany, Fed. Rep. of <sup>7</sup>	95,743	68	1961	56,175	54,283	59,041	9	1.3	617
Ghana	92,099	72	1960	6,727	<sup>4</sup> 6,420	7,740	58	2.7	84
Greece	50,944	90	1961	8,387	8,173	8,551	54	0.6	168
Guatemala	42,042	101	1964	4,284	<sup>4</sup> 3,584	4,438	77	3.1	106

See footnotes at end of table.

## No. 1257. AREA AND POPULATION—Continued

[See headnote, p. 862]

COUNTRY	AREA		LATEST POPULATION CENSUS		MIDYEAR POPULATION ESTIMATES				Population per square mile <sup>2</sup>
	Square miles	Rank	Year	Number (1,000)	1958 Number (1,000)	1965 Number <sup>1</sup> (1,000)	Rank	Annual rate of change 1958-65 (percent)	
Guinea.....	94,926	69	1955	<sup>6</sup> 2,570	2,896	3,500	88	2.7	37
Guyana.....	83,000	77	1960	560	532	647	128	2.8	8
Haiti.....	10,714	129	1950	3,097	3,846	4,396	79	1.9	410
Honduras.....	43,277	98	1961	1,885	1,823	2,284	104	3.3	53
Hungary.....	35,919	106	1960	9,961	9,882	10,148	47	0.4	283
Iceland.....	39,768	103	1960	176	168	192	153	1.9	5
India <sup>8</sup> .....	1,175,576	7	1961	435,512	410,686	<sup>4</sup> 483,000	2	2.3	411
Indonesia <sup>9</sup> .....	575,894	17	1961	96,319	89,441	<sup>4</sup> 104,500	5	2.2	181
Iran.....	636,294	15	1966	25,780	19,677	23,428	23	2.5	37
Iraq.....	173,260	50	1965	8,262	<sup>4</sup> 6,510	8,262	55	3.3	48
Ireland.....	27,135	112	1966	2,881	2,853	2,873	95	0.1	106
Israel.....	7,992	133	1961	2,183	1,997	2,563	99	3.6	321
Italy.....	116,303	61	1961	49,904	49,041	51,576	12	0.7	443
Ivory Coast.....	124,503	59	1957-58	<sup>6</sup> 3,100	3,090	<sup>4</sup> 3,835	82	3.1	31
Jamaica.....	4,232	140	1960	1,624	1,566	1,788	110	1.9	422
Japan.....	142,726	54	1965	98,275	91,540	97,960	7	1.0	686
Jordan.....	37,738	105	1961	1,706	1,580	1,976	107	3.2	52
Kenya.....	224,959	43	1962	8,636	7,652	9,365	50	2.9	42
Korea, North.....	46,540	94	1944	(NA)	<sup>4</sup> 9,900	<sup>4</sup> 12,100	41	2.9	260
Korea, Republic of.....	38,004	104	1966	29,194	23,330	28,377	21	2.8	747
Kuwait.....	6,178	136	1965	467	<sup>4</sup> 221	467	136	11.6	76
Laos.....	91,429	74	(X)	(X)	1,710	<sup>4</sup> 2,000	106	2.3	22
Lebanon.....	4,015	141	(X)	(X)	<sup>4</sup> 2,000	<sup>4</sup> 2,405	101	2.7	599
Lesotho.....	11,716	124	1966	859	<sup>4</sup> 684	<sup>4</sup> 838	125	2.9	72
Liberia.....	43,000	99	1962	1,016	<sup>4</sup> 960	<sup>4</sup> 1,070	120	1.6	25
Libya.....	679,360	14	1964	1,564	1,255	1,617	113	3.7	2
Luxembourg.....	998	150	1960	315	310	331	143	0.9	332
Madagascar.....	226,657	42	1956	<sup>10</sup> 74	5,131	6,420	65	3.3	28
Malawi.....	46,066	95	1966	4,042	<sup>4</sup> 3,330	<sup>4</sup> 3,940	81	2.4	86
Malaysia:									
East.....	77,730	79	1960	1,199	<sup>4</sup> 1,130	1,364	116	(NA)	18
West.....	50,700	91	1957	6,279	6,499	8,039	57	3.1	159
Mali.....	463,949	24	1960-61	4,100	<sup>4</sup> 3,920	4,576	76	2.2	10
Malta.....	122	163	1957	320	322	319	146	-0.1	2,615
Mauritania.....	397,954	27	1964-65	1,050	<sup>4</sup> 940	<sup>4</sup> 1,050	121	1.6	3
Mexico.....	761,602	13	1960	34,923	33,704	42,689	14	3.4	56
Mongolia.....	604,248	16	1963	1,017	897	1,104	119	3.0	2
Morocco.....	171,834	51	1960	11,626	10,987	13,323	38	2.8	78
Museat and Oman.....	82,000	78	(X)	(X)	550	565	132	0.4	7
Nepal.....	54,362	89	1961	9,388	<sup>4</sup> 8,940	10,100	48	1.8	186
Netherlands.....	<sup>11</sup> 12,978	122	1960	11,462	11,186	12,292	40	1.4	947
New Zealand.....	103,740	65	1966	2,677	2,282	2,640	97	2.1	25
Nicaragua.....	50,193	92	1963	1,536	1,330	1,655	111	3.2	33
Niger.....	489,190	20	1959-60	2,766	2,666	3,328	90	3.2	7
Nigeria.....	356,668	31	1963	55,670	<sup>4</sup> 50,000	<sup>4</sup> 57,500	10	2.0	161
Norway.....	125,181	58	1960	3,591	3,523	3,723	84	0.8	30
Pakistan <sup>8</sup> .....	365,528	29	1961	93,832	88,900	102,876	6	2.1	281
Panama.....	29,209	110	1960	1,076	1,002	1,246	118	3.2	43
Paraguay.....	157,047	52	1962	1,852	1,687	2,030	105	2.7	13
Peru.....	496,223	18	1961	10,420	<sup>12</sup> 9,483	<sup>12</sup> 11,650	43	3.0	23
Philippines.....	115,830	62	1960	27,088	25,795	32,345	15	3.3	279
Poland.....	120,664	60	1960	29,776	28,770	31,496	17	1.3	261
Portugal.....	35,510	107	1960	8,851	8,725	9,199	51	0.8	259
Romania.....	91,699	73	1966	19,105	18,056	19,027	28	0.8	207
Rwanda <sup>9</sup> .....	10,169	130	1952	2,144	2,510	<sup>4</sup> 3,110	93	3.1	306
Saudi Arabia.....	870,001	12	(X)	(X)	<sup>4</sup> 6,000	<sup>4</sup> 6,750	64	1.7	8
Senegal.....	75,750	80	1960-61	3,110	2,967	3,490	89	2.3	46
Sierra Leone.....	27,699	111	1963	2,180	<sup>4</sup> 1,980	<sup>4</sup> 2,290	103	2.1	83
Sikkim.....	2,744	144	1961	162	156	176	155	1.8	64
Singapore.....	224	160	1957	1,446	1,514	1,865	109	3.0	8,326
Somalia.....	246,200	40	(X)	(X)	1,980	2,500	100	3.4	10
South Africa <sup>13</sup> .....	471,444	23	1960	16,003	15,160	17,867	31	2.4	38
Spain.....	194,884	47	1960	30,431	29,798	31,604	16	0.8	162

See footnotes at end of table.



## No. 1257. AREA AND POPULATION—Continued

[See headnote, p. 862]

COUNTRY	AREA		LATEST POPULATION CENSUS		MIDYEAR POPULATION ESTIMATES				Population per square mile <sup>2</sup>
	Square miles	Rank	Year	Number (1,000)	1958 Number (1,000)	1965		Annual rate of change 1958-65 (percent)	
						Number <sup>1</sup> (1,000)	Rank		
Sudan.....	967,497	9	1956	10,263	11,146	13,540	37	2.8	14
Sweden.....	173,666	49	1960	7,495	7,409	7,734	59	0.6	45
Switzerland.....	15,941	119	1960	5,429	5,199	5,945	67	1.9	373
Syria.....	71,498	83	1960	4,565	<sup>4</sup> 4,300	<sup>4</sup> 5,300	68	3.0	74
Thailand.....	198,456	46	1960	26,258	24,873	30,591	19	3.0	154
Togo.....	21,622	114	1958-60	1,440	<sup>4</sup> 1,360	<sup>1</sup> 1,638	112	2.7	76
Trinidad and Tobago.....	1,980	146	1960	828	789	975	122	3.1	492
Trucial Oman.....	32,278	109	(X)	(X)	86	<sup>4</sup> 111	162	3.7	3
Tunisia.....	63,378	86	1966	4,458	<sup>4</sup> 4,059	<sup>4</sup> 4,414	78	1.2	70
Turkey.....	301,381	35	1965	31,391	25,932	31,086	18	2.6	103
Uganda.....	91,134	75	1959	6,537	6,356	7,551	61	2.5	83
U.S.S.R.....	8,649,512	1	1959	208,827	206,860	230,600	3	1.6	27
United Arab Rep.....	386,101	28	1966	30,083	24,655	29,600	20	2.6	77
United Kingdom.....	94,220	70	1961	52,709	51,842	54,595	11	0.7	579
United Rep. of Tanzania.....	362,819	30	1957-58	9,088	9,215	<sup>4</sup> 10,515	46	1.9	29
Upper Volta.....	105,869	64	1960-61	4,400	<sup>4</sup> 4,090	4,858	73	2.5	46
Uruguay.....	72,172	82	1963	2,593	2,464	2,715	96	1.4	38
Venezuela.....	352,143	32	1961	7,556	<sup>11</sup> 6,830	<sup>11</sup> 8,722	52	3.6	25
Viet-Nam, North.....	61,294	87	1960	15,917	15,028	<sup>4</sup> 19,000	29	3.4	310
Viet-Nam, Rep. of.....	65,948	85	(X)	(X)	12,934	16,124	33	3.2	244
Western Samoa.....	1,097	149	1966	132	103	126	160	2.9	115
Yemen.....	75,290	81	(X)	(X)	<sup>4</sup> 4,400	<sup>4</sup> 5,000	72	1.8	66
Yugoslavia.....	98,766	67	1961	18,549	18,018	19,508	27	1.1	198
Zambia.....	290,585	37	1961-63	3,493	3,040	3,710	85	2.9	13
NONSOVEREIGN COUNTRIES <sup>3</sup>									
Aden <sup>14</sup> .....	133,074	55	(X)	(X)	<sup>4</sup> 1,629	<sup>4</sup> 1,905	108	(NA)	14
Angola.....	481,352	21	1960	4,841	4,667	5,154	70	1.4	11
Bahama I.....	4,403	138	1963	136	<sup>4</sup> 103	<sup>4</sup> 136	159	4.1	31
British Honduras.....	8,867	131	1960	90	86	106	163	3.1	12
British Solomon I.....	11,500	125	1959	124	<sup>4</sup> 119	137	158	2.0	12
Brunei.....	2,226	145	1960	84	<sup>4</sup> 76	101	165	4.1	45
Cape Verde I.....	1,557	147	1960	200	195	<sup>4</sup> 232	150	2.5	149
Channel I.....	75	164	1961	111	<sup>4</sup> 108	<sup>4</sup> 114	161	0.8	1,520
Comoro I.....	838	153	1958	183	182	<sup>4</sup> 220	151	2.7	263
Equatorial Guinea.....	10,831	127	1960	246	234	267	148	1.9	25
Fiji I.....	7,015	134	1956	346	368	464	137	3.4	66
Guadeloupe.....	687	155	1961	283	<sup>4</sup> 258	316	147	2.9	460
Hong Kong.....	1,126	148	1961	3,133	2,854	3,804	83	4.2	3,378
Macau.....	6	166	1960	169	<sup>4</sup> 173	<sup>4</sup> 175	156	0.2	29,167
Martinique.....	425	156	1961	291	<sup>4</sup> 266	321	145	2.7	755
Mauritius.....	809	154	1962	701	628	762	127	(NA)	942
Mozambique.....	302,329	34	1960	6,579	6,369	6,956	63	1.3	23
Netherlands Antilles.....	371	157	1960	189	188	208	152	1.4	561
New Guinea.....	92,160	71	1966	1,582	1,341	1,576	114	2.3	17
Palestine: Gaza Strip.....	146	162	1931	(NA)	<sup>4</sup> 350	428	139	2.9	2,932
Papua.....	86,100	76	1966	601	483	573	131	2.5	7
Portuguese Guinea.....	13,948	120	1960	521	519	527	135	0.2	38
Portuguese Timor.....	5,763	137	1960	517	498	554	134	1.5	96
Puerto Rico.....	3,435	143	1960	2,350	2,299	2,633	98	2.0	767
Reunion.....	969	151	1961	349	316	397	140	3.3	410
Rhodesia, Southern.....	150,333	53	1961-62	3,857	3,410	4,260	80	3.2	28
Ryukyu I.....	848	152	1965	934	843	931	123	1.4	1,098
St. Lucia.....	238	158	1960	86	92	<sup>4</sup> 103	164	1.6	433
South West Africa <sup>13</sup> .....	318,260	33	1960	526	501	574	130	2.0	2
Spanish North Africa.....	12	165	1960	153	<sup>4</sup> 150	158	157	0.8	13,167
Surinam <sup>15</sup> .....	55,144	88	1964	324	248	<sup>4</sup> 335	142	4.4	6
Swaziland.....	6,704	135	1966	389	(NA)	<sup>4</sup> 375	141	(NA)	56

NA Not available. X Not applicable.

<sup>1</sup> Italics denote that figure is census or sample survey result. <sup>2</sup> Based on 1965.<sup>3</sup> Excludes countries with estimated population in 1965 of less than 100,000.<sup>4</sup> United Nations estimate. <sup>5</sup> Excludes area of frontier rivers.<sup>6</sup> African population only. <sup>7</sup> Includes West Berlin.<sup>8</sup> Excludes Kashmir-Jammu (area 86,023 sq. miles, population of Indian-held part 3,561,000 at 1961 Census).<sup>9</sup> Excludes West Irian (area 159,375 sq. miles, population 314,000 at 1930 Census). <sup>10</sup> Non-African population only. <sup>11</sup> Excludes inland waters. <sup>12</sup> Excludes Indian jungle population.<sup>13</sup> Walvis Bay included in South West Africa (area 374 sq. miles, population 13,000 in 1960).<sup>14</sup> Includes Protectorate of South Arabia.<sup>15</sup> Excludes Indian and Negro population living in tribes, estimated at 38,000 in 1962.Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## NO. 1258. BIRTH AND DEATH RATES

[Crude birth rate: Number of live births per 1,000 persons. Crude death rate: Number of deaths per 1,000 persons; excludes stillbirths. Infant mortality rate: Deaths of infants under 1 year of age per 1,000 live births; excludes stillbirths. Except as noted, rates based on complete or virtually complete registration data. For details of methodology, coverage, and quality, see United Nations *Demographic Yearbook*, 1965]

COUNTRY	Year or period	Crude birth rate	Crude death rate	Infant mortality rate	COUNTRY	Year or period	Crude birth rate	Crude death rate	Infant mortality rate
United States	1966	18.5	9.5	23.4	Italy	1966	18.9	9.5	<sup>3</sup> 35.6
Albania	1965	35.2	9.0	86.8	Japan	1965	18.6	7.1	18.5
Argentina	1965	22.5	8.2	<sup>1</sup> 60.7	Luxembourg	1966	15.5	12.1	26.8
Australia <sup>2</sup>	1965	19.6	8.8	18.5	Mali <sup>4</sup>	1960-61	61	30	123
Austria	1966	17.6	12.5	28.1	Malta	1966	16.8	9.0	30.3
Barbados	1966	<sup>2</sup> 25.2	<sup>2</sup> 8.2	49.3	Mauritius <sup>2</sup>	1965	35.5	8.6	64.1
Belgium	1965	16.4	12.1	24.1	Mexico <sup>2</sup>	1965	44.2	9.5	60.7
Bulgaria	1965	15.3	8.2	30.8	Morocco <sup>4</sup>	1962	46.1	18.7	149
Canada	1966	19.6	7.6	<sup>3</sup> 23.6	Netherlands	1966	19.2	8.1	<sup>3</sup> 14.4
Chile	1965	32.1	10.7	107.1	New Zealand <sup>2</sup>	1966	22.5	8.9	17.7
China (Taiwan) <sup>2</sup>	1966	32.5	5.5	<sup>3</sup> 22.2	Norway	1965	17.5	9.1	<sup>9</sup> 16.4
Colombia <sup>2</sup>	1959-61	<sup>4</sup> 43-46	<sup>4</sup> 14-17	<sup>3</sup> 82.4	Pakistan <sup>4</sup>	1963	43.4	15.4	145.6
Costa Rica	1965	40.5	8.1	75.1	Peru	1959-61	<sup>4</sup> 43-45	<sup>4</sup> 14-15	<sup>1</sup> <sup>2</sup> 66.5
Czechoslovakia	1966	15.6	9.8	<sup>3</sup> 25.3	Poland	1965	17.3	7.4	41.8
Denmark	1965	18.0	10.1	18.7	Portugal	1965	22.9	10.3	64.9
Ecuador	1959-61	<sup>4</sup> 46-50	<sup>4</sup> 15-18	<sup>1</sup> 93.0	Rhodesia, Southern:				
El Salvador	1966	45.2	9.9	61.4	European population <sup>2</sup>	1965	18.3	6.3	23.0
Finland	1965	16.9	9.6	17.6	Asiatic population <sup>2</sup>	1965	32.6	5.1	34.5
France	1965	17.7	11.1	22.0	Romania	1965	14.6	8.6	44.1
Germany, Eastern <sup>6</sup>	1966	15.8	13.3	23.2	South Africa:				
Germany, Fed. Rep. of	1965	17.9	11.2	23.8	White population	1965	22.8	9.1	29.2
Ghana <sup>4</sup>	1960	47-52	24	156	Colored population	1965	46.1	15.8	136.1
Greece	1966	18.1	7.9	33.7	Spain	1966	20.9	8.6	34.6
Guatemala	1965	43.5	16.8	94.6	Sweden	1966	15.8	10.0	<sup>3</sup> 13.3
Guyana <sup>2</sup>	1966	39.9	8.1	39.8	Switzerland	1966	18.4	9.5	<sup>3</sup> 17.8
Hungary	1966	13.6	10.0	<sup>3</sup> 38.8	Trinidad and Tobago	1965	28.9	6.1	<sup>9</sup> 35.3
Iceland	1965	24.7	6.7	15.0	U.S.S.R.	1965	18.4	7.3	27
India <sup>4</sup>	1963-64	38.4	12.9	<sup>7</sup> 139	United Kingdom	1965	18.3	11.5	19.6
Indonesia <sup>4</sup>	1962	43.0	21.4	125	Venezuela	1959-61	<sup>4</sup> 47-50	<sup>4</sup> 9-12	<sup>1</sup> 45.9
Israel	1965	22.1	11.5	25.2	Viet-Nam, Rep. of <sup>4</sup>	1960	35	18	42.8
	1965	25.8	<sup>8</sup> 6.4	<sup>8</sup> 22.7	Yugoslavia	1966	20.2	8.0	<sup>3</sup> 71.5

<sup>1</sup> Based on civil registration data of unknown reliability or incomplete.

<sup>2</sup> Relates to year of registration rather than occurrence. <sup>3</sup> For 1965.

<sup>4</sup> Estimated. <sup>5</sup> For 1965; based on burial permits. <sup>6</sup> Includes East Berlin.

<sup>7</sup> For 1951-61. <sup>8</sup> For Jewish population only. <sup>9</sup> For 1964.

Source: Statistical Office of the United Nations; *Statistical Yearbook*, *Demographic Yearbook*, and *Population and Vital Statistics Report*.

## NO. 1259. LABOR FORCE AND UNEMPLOYMENT—INTERNATIONAL COMPARISONS: 1960 TO 1966

[In thousands except as indicated. All data adjusted to labor force definitions used in U.S. prior to revisions introduced in 1967; see p. 218, this edition, and p. 216, 1966 edition of the *Statistical Abstract*]

YEAR	United States	Canada	France	Germany, Fed. Rep. of	Great Britain	Italy	Japan	Sweden
<b>Civilian labor force:</b>								
1960	70,612	6,411	19,690	25,080	24,080	20,320	44,090	(NA)
1962	71,854	6,615	19,610	25,430	24,700	20,090	44,930	3,709
1963	72,975	6,748	<sup>1</sup> 19,970	25,540	24,820	19,740	45,310	3,773
1964	74,233	6,933	<sup>1</sup> 20,270	<sup>1</sup> 25,600	24,960	19,820	45,920	3,737
1965	75,635	7,141	<sup>1</sup> 20,380	<sup>1</sup> 25,720	25,160	19,620	46,620	3,751
1966	77,041	7,420	<sup>1</sup> 20,530	<sup>1</sup> 25,670	<sup>1</sup> 25,300	<sup>1</sup> 19,360	<sup>1</sup> 47,700	<sup>1</sup> 3,810
<b>Unemployed persons:</b>								
1960	3,931	446	520	180	580	880	630	(NA)
1962	4,007	390	400	90	700	640	510	56
1963	4,166	374	<sup>1</sup> 480	110	830	530	510	65
1964	3,876	324	<sup>1</sup> 380	<sup>1</sup> 100	590	590	470	60
1965	3,456	280	<sup>1</sup> 470	190	520	780	480	45
1966	2,976	267	<sup>1</sup> 490	<sup>1</sup> 100	<sup>1</sup> 570	<sup>1</sup> 830	<sup>1</sup> 520	<sup>1</sup> 60
<b>Unemployment rate (percent): <sup>2</sup></b>								
1960	5.6	7.0	2.6	0.7	2.4	4.3	1.4	(NA)
1962	5.6	5.9	2.0	0.4	2.8	3.2	1.1	1.5
1963	5.7	5.5	<sup>1</sup> 2.4	0.4	3.4	2.7	1.1	1.7
1964	5.2	4.7	<sup>1</sup> 1.9	<sup>1</sup> 0.4	2.4	3.0	1.0	1.6
1965	4.6	3.9	<sup>1</sup> 2.3	<sup>1</sup> 0.3	2.1	4.0	1.0	1.2
1966	3.9	3.6	<sup>1</sup> 2.4	<sup>1</sup> 0.4	<sup>1</sup> 2.3	<sup>1</sup> 4.3	<sup>1</sup> 1.1	<sup>1</sup> 1.6

NA Not available. <sup>1</sup> Preliminary estimates based on incomplete data.

<sup>2</sup> Unemployment as percent of the civilian labor force.

Source: Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, April 1967.



## No. 1260. EXPENDITURE ON GROSS NATIONAL PRODUCT—PERCENT DISTRIBUTION

[See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	Year	CONSUMPTION		Fixed capital formation	Increase in stocks	EXPORTS	LESS	Net factor income from abroad
		Private	Government			OF— Goods and services	IMPORTS OF—	
United States.....	1965	63	18	17	1	5	4	1 1
Algeria.....	1959	60	35	26		20	41	—
Argentina.....	1965	70	10	18	1	9	7	—
Australia.....	<sup>2</sup> 1964	63	11	27	.3	16	18	<sup>3</sup> -2
Austria.....	1965	61	13	26	1	26	27	( <sup>4</sup> )
Barbados.....	1964	82	15	21	1	51	71	-1
Belgium.....	1965	65	13	21	—	37	36	1
Bolivia.....	1965	76	11	17	1	21	26	—
Brazil.....	1964	67	16	14	2	9	8	-1
Bulgaria <sup>5</sup> .....	1965	66	6	15	14	—2		(X)
Burma.....	<sup>6</sup> 1965	67	16	16	2	-1		<sup>3</sup> —
Cambodia.....	1963	67	20	17	1	17	21	-1
Canada.....	1965	62	14	25	2	21	21	-2
Ceylon.....	1964	75	15	14	-1	26	28	-1
Chile.....	1965	78	10	13	—	13	12	-2
China (Taiwan).....	1965	63	17	16	6	18	22	—
Colombia.....	1965	77	7	16	1	13	13	-2
Congo, Dem. Rep. of.....	1964	67	23	14	1	—		-5
Costa Rica.....	1964	76	14	14	1	25	28	-1
Cuba <sup>7</sup> .....	1965	66	11	21	6	17	21	(X)
Cyprus.....	1965	71	12	16	3	30	36	4
Czechoslovakia <sup>8</sup> .....	1965	89		9		2		(X)
Denmark.....	1965	62	<sup>8</sup> 15	22	2	30	32	—
Dominican Republic.....	1964	74	15	17	( <sup>4</sup> )	19	24	-2
Ecuador.....	1965	75	14	12	2	17	18	-2
El Salvador.....	1965	<sup>9</sup> 80	9	15	( <sup>9</sup> )	26	29	-1
Ethiopia.....	1963	82	9	12	—	11	13	-1
Finland.....	1965	58	14	25	4	21	23	<sup>3</sup> —
France.....	1965	64	13	22	—	15	14	1 —
Germany, Fed. Rep. of <sup>10</sup> .....	1965	57	16	27	1	20	18	1 —
Ghana.....	1965	80	13	16	—	16	24	-1
Greece.....	1965	71	12	23	4	9	22	<sup>11</sup> 2
Guatemala.....	1965	83	7	12	2	16	19	-1
Guyana.....	1964	73	15	17	—	63	59	-10
Honduras.....	1965	78	9	13	1	26	25	-2
Hungary <sup>6</sup> .....	1965	75	4	16	4	1		(X)
Iceland.....	1965	61	9	27	2	39	38	-1
Iran.....	<sup>12</sup> 1965	71	14	18	(NA)	23	19	-7
Iraq.....	1964	57	26	14	1	52	31	-20
Ireland.....	1965	71	<sup>5</sup> 13	20	2	31	39	<sup>13</sup> 3
Israel.....	1965	82	25	32	1	40		-1
Italy.....	1965	62	15	19	1	17	15	1
Jamaica.....	1965	73	11	19	1	40	42	-3
Japan.....	1965	56	10	31	2	11	10	—
Jordan.....	1964	77	20	12	4	15	36	7
Korea, Republic of.....	1965	84	10	13	—	9	17	1
Kuwait.....	<sup>8</sup> 1964	37	19	18	1	88	26	-36
Luxembourg.....	1965	62	12	25	1	82	83	-1
Malawi.....	1963	86	21	14	1	—20		-2
Malaysia <sup>13</sup> .....	1965	60	18	18			<sup>4</sup>	
Malta.....	1965	68	16	21	3	51	66	<sup>3</sup> 8
Mauritius.....	1965	69	15	17	( <sup>4</sup> )	45	47	1
Mexico.....	<sup>9</sup> 1965	80	6	16	( <sup>9</sup> )	10	11	-1
Morocco.....	1965	73	14	11	( <sup>4</sup> )	20	19	( <sup>4</sup> )
Netherlands.....	1965	58	16	25	1	45	46	1
Netherlands Antilles.....	1965	73	16	13		52	54	—
New Zealand.....	<sup>8</sup> 1965	64	13	24	4	22	25	-2
Nicaragua.....	1965	<sup>9</sup> 79	8	16	( <sup>9</sup> )	30	31	-2
Norway.....	1965	54	16	29	2	41	41	-1
Pakistan.....	<sup>2</sup> 1964	78	10	17	—	6	12	—

See footnotes at end of table.

## No. 1260. EXPENDITURE ON GROSS NATIONAL PRODUCT—PERCENT DISTRIBUTION—Continued

COUNTRY	Year	CONSUMPTION		Fixed capital formation	Increase in stocks	EXPORTS OF—	LESS IMPORTS OF—	Net factor income from abroad
		Private	Government			Goods and services		
Panama.....	1965	75	11	16	2	37	39	-2
Paraguay.....	1964	80	7	16		21	23	-1
Peru.....	1965	72	10	20	1	18	20	-2
Philippines.....	1965	75	10	14	1	20	18	<sup>3</sup> -1
Poland <sup>5</sup> .....	1965	64	9	17	8	1		(X)
Portugal.....	1965	73	14	16	1	26	30	1
Puerto Rico.....	<sup>2</sup> 1965	80	14	25	3	48	67	-4
Rhodesia, Southern.....	1965	69	12	13	1	53	-44	-4
Sierra Leone.....	1964	<sup>9</sup> 85	8	13	( <sup>9</sup> )	30	34	-3
South Africa <sup>14</sup> .....	1965	65	13	23	5	26	27	<sup>1</sup> -3
Spain.....	1964	70	8	24		12	14	-
Sudan.....	<sup>2</sup> 1964	76	12	11	3	16	19	-
Sweden.....	1965	57	19	24	2	25	27	-
Switzerland.....	1965	58	12	28	1	30	30	1
Tanzania, United Rep. of <sup>15</sup> .....	1965	<sup>9</sup> 72	14	14	( <sup>9</sup> )	31	30	-1
Thailand.....	1965	70	9	22	-	19	20	-
Togo.....	1964	78	9	15	6	23	31	-
Trinidad and Tobago.....	1964	68	14	27	-	76	72	-12
Tunisia.....	1965	72	17	27	1	20	35	-2
Turkey.....	1965	73	14	14	-	-2		-
U.S.S.R. <sup>5</sup> .....	1965	64	9	15	11	1		(X)
United Kingdom.....	1965	64	17	18	1	18	19	1
Uruguay.....	1963	73	14	13	1	13	13	-
Venezuela.....	1965	62	14	21	2	32	22	-10
Viet-Nam, Rep. of.....	1964	81	22	8	3	7	20	-
Yugoslavia <sup>5</sup> .....	1965	52	10	27	10	-		(X)
Zambia.....	1965	50	14	20	6	61	43	-8

- Represents zero. NA Not available. X Not applicable.

<sup>1</sup> Excludes undistributed profits of foreign subsidiaries.

<sup>2</sup> Year beginning July 1. <sup>3</sup> Investment income only.

<sup>4</sup> Less than half of unit of measure, nil, or negligible.

<sup>5</sup> Based on net material product at market prices. <sup>6</sup> Year ending Sept. 30.

<sup>7</sup> Gross national product at constant 1963 market prices. <sup>8</sup> Year beginning Apr. 1.

<sup>9</sup> Private consumption expenditure includes increase in stocks.

<sup>10</sup> Includes the Saar and West Berlin.

<sup>11</sup> Includes income from ocean-going ships under Greek flag or of Greek ownership.

<sup>12</sup> Year beginning Mar. 21. <sup>13</sup> West Malaysia only.

<sup>14</sup> Includes South West Africa, Basutoland, Bechuanaland, and Swaziland.

<sup>15</sup> Former Tanganyika only.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1261. INDUSTRIAL ORIGIN OF DOMESTIC PRODUCT—PERCENT DISTRIBUTION

[Based on gross domestic product at current factor cost, except as noted. Estimates not fully comparable from country to country in coverage and classification. Some of the major differences are indicated in footnotes below; for additional details, see source. In general, "Total industrial activity" covers mining, quarrying, manufacturing, electricity, gas and water; "Other" comprises banking, insurance, real estate, ownership of dwellings, public administration, defense, and personal and other services. See text, p. 860, for general comments concerning the data]

COUNTRY	Year	Agri- culture	INDUSTRIAL ACTIVITY		Con- struc- tion	Trans- port and commu- nications	Whole- sale and retail trade	Other
			Total	Manu- facturing				
United States <sup>1</sup>	1965	4	34	31	5	6	15	<sup>2</sup> 37
Argentina	1965	16	37	34	4	8	14	20
Australia	<sup>3</sup> 1963	14	33	28	8	8	14	24
Austria	1965	10	40	<sup>4</sup> 37	11	7	9	23
Belgium	1965	6	35	<sup>5</sup> 30	7	7	11	33
Bolivia <sup>6</sup>	1965	23	<sup>7</sup> 28	<sup>8</sup> 16	4	<sup>9</sup> 8	11	<sup>7</sup> <sup>9</sup> 26
Brazil <sup>1</sup>	1964	29	<sup>10</sup> 28	(NA)	( <sup>10</sup> )		53	
Burma <sup>6</sup>	<sup>11</sup> 1964	<sup>12</sup> 33	16	15	3	4	24	20
Canada	1965	6	34	26	6	9	13	32
Chile <sup>1</sup>	1965	10	26	18	3	9	20	31
China (Taiwan)	1965	26	24	19	4	5	16	25
Colombia	1965	32	22	18	4	6	12	24
Denmark	1965	<sup>13</sup> 11	<sup>13</sup> 32	30	9	10	14	25
Dominican Republic	1964	24	18	16	5	6	18	29
Ecuador	1965	34	21	17	4	4	12	25
El Salvador	1964	32	16	15	3	5	22	21
Finland	1965	18	29	25	10	7	11	25
France <sup>6</sup> <sup>14</sup>	1965	<sup>15</sup> <sup>16</sup> 8	<sup>15</sup> <sup>16</sup> 17	<sup>13</sup> <sup>16</sup> 35	9	5	14	<sup>14</sup> 28
Germany, Fed. Rep. of <sup>6</sup> <sup>15</sup>	1965	4	<sup>19</sup> 45	<sup>20</sup> 41	8	6	14	<sup>19</sup> 23
Greece	1965	25	19	16	7	7	11	30
Guatemala <sup>21</sup>	1965	28	16	15	2	5	29	19
Honduras	1965	44	17	14	4	6	14	18
India <sup>1</sup>	<sup>22</sup> 1964	51	<sup>19</sup> 18	(NA)	( <sup>10</sup> )	13		18
Ireland	1964	22	<sup>10</sup> 33	(NA)	( <sup>10</sup> )	17		28
Israel <sup>1</sup>	1965	9	35	<sup>4</sup> 25	(NA)	9	51	
Italy	1965	13	31	28	8	7	10	30
Japan <sup>1</sup>	1965	12	<sup>23</sup> 29	28	7	<sup>23</sup> 9	17	26
Korea, Republic of	1965	41	21	18	4	4	12	18
Luxembourg	1963	7	44	<sup>24</sup> 39	9	<sup>9</sup> 7	<sup>25</sup> 13	<sup>9</sup> 20
Mexico <sup>26</sup>	1965	17	32	<sup>8</sup> 29	4	4	26	17
Morocco <sup>27</sup>	1965	32	22	14	5	( <sup>25</sup> )	22	<sup>28</sup> 18
Netherlands	1965	8	<sup>10</sup> 41	(NA)	( <sup>10</sup> )	8	42	
Nicaragua <sup>21</sup>	1965	35	16	13	3	<sup>9</sup> 5	20	<sup>9</sup> 22
Norway	1965	9	31	27	8	18	12	23
Pakistan	<sup>3</sup> 1964	48	12	11	4	6	12	17
Panama	1965	24	<sup>29</sup> 18	15	6	6	10	37
Paraguay <sup>9</sup>	1965	36	16	16	3	4	<sup>30</sup> 23	<sup>30</sup> 18
Peru <sup>31</sup>	1964	20	25	18	4		51	
Philippines <sup>32</sup>	1965	34	<sup>23</sup> 20	18	4	<sup>23</sup> 3	<sup>30</sup> 12	<sup>30</sup> 28
Portugal	1965	21	37	34	5	5	12	20
Rhodesia, Southern	1965	19	<sup>7</sup> 29	19	4	9	14	<sup>7</sup> 24
South Africa	1965	10	<sup>10</sup> 37	22	4	<sup>33</sup> 10	14	<sup>19</sup> 26
Spain	1964	21	30	26	6	6	11	26
Sudan	<sup>3</sup> 1964	54	6	6	6	14		19
Syria <sup>32</sup> <sup>34</sup>	1964	37	13	(NA)	4	9	16	21
Thailand <sup>9</sup>	1965	33	15	12	5	7	19	21
Turkey	1965	36	18	15	6	8	8	24
U.S.S.R. <sup>35</sup>	1965	22	52	(NA)	9	6	11	
United Kingdom	1965	3	<sup>19</sup> 41	36	7	9	12	<sup>19</sup> 28
Uruguay	1963	15	24	<sup>4</sup> 22	4	9	14	34
Venezuela	1963	8	40	12	3	4	<sup>30</sup> 12	<sup>30</sup> 33
Viet-Nam, Rep. of	1964	32	13	11	1	4	12	36
Yugoslavia <sup>33</sup>	1965	29	<sup>7</sup> 38	(NA)	7	7	14	<sup>7</sup> 6
Zambia	1965	10	<sup>7</sup> 49	7	7	6	13	<sup>7</sup> 16

NA Not available. <sup>1</sup> Based on net domestic product at factor cost.

<sup>2</sup> Business transfer payments included in "Other." <sup>3</sup> Year beginning July 1.

<sup>4</sup> Includes mining and quarrying. <sup>5</sup> Gas included in "Manufacturing."

<sup>6</sup> Based on gross domestic product at market prices. <sup>7</sup> Water and sanitary services included in "Other."

<sup>8</sup> Extraction of crude petroleum included in "Manufacturing." <sup>9</sup> Communication industries included in "Other."

<sup>10</sup> Construction included in "Total industrial activity." <sup>11</sup> Year ending Sept. 30.

<sup>12</sup> Includes milling and marketing of forest products.

<sup>13</sup> Slaughtering and dairy production included in "Agriculture."

<sup>14</sup> Sum of percentages exceeds 100 because bank service charges imputed to enterprises are included in "Other," and also in the corresponding industry groups.

<sup>15</sup> Fishing included in "Manufacturing." <sup>16</sup> Wine production included in "Agriculture."

<sup>17</sup> Quarrying of building materials included in "Manufacturing." <sup>18</sup> Includes the Saar and West Berlin.

<sup>19</sup> Sanitary services included in "Other." <sup>20</sup> Quarrying included in "Manufacturing."

<sup>21</sup> At constant 1958 market prices. <sup>22</sup> Year beginning Apr. 1.

<sup>23</sup> Electricity, gas, and water included in "Transport and communication."

<sup>24</sup> Production of electricity for steel industry included in "Manufacturing."

<sup>25</sup> Includes hotels and restaurants. <sup>26</sup> At 1950 market prices. <sup>27</sup> At constant 1960 market prices.

<sup>28</sup> Transport and communication included in "Other." <sup>29</sup> Mining and quarrying included in "Construction."

<sup>30</sup> Banking, insurance, and real estate included in "Wholesale and retail trade."

<sup>31</sup> Gross national product at constant 1963 market prices. <sup>32</sup> Net national product at factor cost.

<sup>33</sup> Transport only. <sup>34</sup> At constant 1956 prices. <sup>35</sup> Based on net material product at market prices.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1262. INDEXES OF PER CAPITA PRODUCT AT CONSTANT PRICES: 1955 TO 1965

[1958=100. Relates to gross domestic product at constant factor cost, except as noted. Data subject to considerable error; indicate general trends rather than precise year-to-year changes. See text, p. 860, for general comments concerning the data]

COUNTRY	1955	1960	1964	1965	COUNTRY	1955	1960	1964	1965
United States <sup>1</sup>	103	105	117	123	Japan <sup>7 8</sup>	82	125	183	188
Argentina	92	98	101	107	Korea, Republic of	94	101	117	123
Australia <sup>1 2</sup>	96	104	115	(NA)	Malawi <sup>1</sup>	91	102	(NA)	(NA)
Austria	85	110	127	130	Malta <sup>7</sup>	84	103	104	113
Belgium	93	106	128	130	Mexico <sup>1</sup>	91	104	116	117
Bolivia <sup>1</sup>	(NA)	102	117	121	Morocco <sup>9</sup>	107	95	99	98
Brazil <sup>1</sup>	94	106	112	114	Netherlands <sup>1</sup>	97	112	128	134
Bulgaria <sup>3</sup>	85	127	160	170	Netherlands Antilles	(NA)	100	88	85
Burma <sup>1 4</sup>	96	116	116	(NA)	New Zealand <sup>1 8</sup>	97	106	116	(NA)
Canada	99	103	116	122	Nicaragua <sup>1</sup>	100	97	117	124
Cbilo <sup>5</sup>	92	95	109	110	Norway	97	110	130	139
Cbina (mainland) <sup>3</sup>	65	(NA)	(NA)	(NA)	Pakistan <sup>2</sup>	98	105	120	123
China (Taiwan) <sup>1</sup>	93	108	137	149	Paraguay <sup>1</sup>	97	98	102	105
Colombia	101	104	111	110	Peru <sup>10</sup>	99	117	125	(NA)
Cyprus	91	97	106	125	Philippines <sup>11</sup>	95	102	106	108
Czechoslovakia <sup>3</sup>	84	114	117	121	Poland <sup>3</sup>	84	107	129	136
Denmark	93	111	130	135	Portugal	92	111	136	144
Dominican Republic	90	99	194	(NA)	Puerto Rico <sup>2</sup>	85	117	160	165
Ecuador	98	106	111	110	Rhodesia, Southern <sup>1</sup>	89	103	104	106
Finland	99	115	135	141	Romania <sup>3</sup>	93	123	168	182
France <sup>1</sup>	90	108	127	130	South Africa <sup>1</sup>	96	101	116	119
Germany, Eastern <sup>3</sup>	76	115	127	135	Spain <sup>7</sup>	(NA)	102	143	(NA)
Germany, Fed. Rep. of <sup>1 6</sup>	89	114	131	135	Sudan <sup>2</sup>	99	103	(NA)	(NA)
Greece	87	105	137	146	Sweden <sup>1</sup>	95	108	131	134
Guatemala <sup>1</sup>	91	102	115	120	Switzerland <sup>1</sup>	97	110	124	127
Haiti	96	98	98	(NA)	Syria <sup>6</sup>	94	96	132	(NA)
Honduras	92	99	101	105	Tbailand <sup>1</sup>	105	115	134	139
Hungary <sup>3</sup>	86	117	141	142	Turkey	86	101	109	112
Iceland <sup>7</sup>	94	100	115	119	Uganda	97	103	107	110
India <sup>5 8</sup>	95	105	113	106	U.S.S.R. <sup>3</sup>	79	112	135	143
Indonesia <sup>5</sup>	100	(NA)	(NA)	(NA)	United Arab Republic	90	113	(NA)	(NA)
Iraq	93	110	123	(NA)	United Kingdom	99	109	119	121
Ireland <sup>1</sup>	101	111	130	134	Uruguay	104	98	94	(NA)
Israel <sup>1</sup>	89	114	145	150	Venezuela <sup>1</sup>	90	102	108	109
Italy	88	111	132	135	Yugoslavia <sup>3</sup>	85	121	161	(NA)
Jamaica	82	109	120	(NA)	Zambia <sup>1</sup>	96	123	126	143

NA Not available.

<sup>1</sup> Gross domestic product at market prices. <sup>2</sup> Years beginning July 1.

<sup>3</sup> Net material product at market prices. <sup>4</sup> Years ending Sept. 30.

<sup>5</sup> Net domestic product at factor cost. <sup>6</sup> Excludes the Saar.

<sup>7</sup> Gross national product at market prices. <sup>8</sup> Years beginning Apr. 1.

<sup>9</sup> Gross domestic production at market prices. <sup>10</sup> Gross national product at factor cost.

<sup>11</sup> Net national product at factor cost (=National Income).

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1263. GROWTH RATES OF OUTPUT PER EMPLOYEE, SELECTED PERIODS: 1913 TO 1964

[Percent. Rates based on total civilian employment and real national product. For details concerning methodology, see source]

PERIOD	United States	Canada	France <sup>1</sup>	Germany Fed. Rep.	Italy	United Kingdom	Japan
1913-1929	1.5	0.7	2.0	<sup>2</sup> -0.1	1.5	0.4	(NA)
1929-1964	1.9	2.1	2.0	<sup>3</sup> 2.9	2.7	1.5	(NA)
1929-1950	1.7	2.0	0.3	1.2	1.0	1.1	(NA)
1950-1964	2.4	2.2	4.6	<sup>3</sup> 5.4	5.2	2.2	7.8
1950-1960	2.1	2.1	4.6	5.9	4.7	2.0	6.9
1960-1964	2.9	2.4	4.6	<sup>3</sup> 4.3	6.5	2.7	10.2

NA Not available.

<sup>1</sup> Beginning 1958, data not strictly comparable with earlier years.

<sup>2</sup> Negative value indicates rate decline.

<sup>3</sup> Beginning 1960, includes the Saar and West Berlin.

Source: Dept. of Commerce, Bureau of the Census, *Long Term Economic Growth*.



# No. 1264. WEST EUROPEAN ECONOMIC BLOCS AND UNITED STATES—GROSS NATIONAL PRODUCT AND CONSUMER EXPENDITURES: 1965

[Money figures in U.S. dollars]

COUNTRY	GROSS NATIONAL PRODUCT				CONSUMER EXPENDITURES		
	Total		Per capita		Total <sup>1</sup> (billion dollars)	Per capita	
	GNP <sup>1</sup> (billion dollars)	Growth rate <sup>2</sup> (percent)	Total <sup>1</sup> (dollars)	Index, 1958=100		Total (dollars)	Index, 1958=100
<b>EEC <sup>3</sup></b>	298.7	5.3	1,645	134	181.2	998	131
Belgium	16.7	4.4	1,769	132	11.0	1,158	125
France	93.5	5.1	1,910	130	59.6	1,219	128
Germany (F.R.)	112.2	5.6	1,900	135	63.9	1,082	129
Italy	56.7	5.6	1,100	138	35.3	685	136
Luxembourg	.6	3.5	1,897	120	.4	1,178	(NA)
Netherlands	19.0	5.2	1,542	133	11.0	894	140
<b>EFTA <sup>4</sup></b>	162.4	4.1	1,740	127	100.9	1,082	123
Austria	9.2	4.5	1,267	131	5.6	770	137
Denmark	10.0	5.4	2,066	138	6.2	1,290	135
Norway	7.0	4.7	1,880	134	3.8	1,019	126
Portugal	3.7	5.9	407	145	2.7	295	133
Sweden	19.3	4.7	2,498	134	10.9	1,415	127
Switzerland	13.9	5.2	2,343	128	8.1	1,369	126
United Kingdom	99.2	3.6	1,817	122	63.5	1,163	120
<b>U.S.</b>	681.2	4.1	3,501	123	431.4	2,217	123

NA Not available. <sup>1</sup> Current market prices. <sup>2</sup> 1957-1958 average to 1964-1965 average.

<sup>3</sup> European Economic Community (Common Market).

<sup>4</sup> European Free Trade Association; excludes Finland which is an associate member.

Source: Dept. of State, Agency for International Development. Based on Organisation for Economic Co-operation and Development; *National Accounts Statistics 1956-1965*, except for United States which is from Dept. of Commerce, Office of Business Economics; *Survey of Current Business*.

# No. 1265. EUROPEAN ECONOMIC COMMUNITY (COMMON MARKET), OTHER EUROPE, AND UNITED STATES—INDEXES OF INDUSTRIAL PRODUCTION, IMPORTS AND EXPORTS: 1950 TO 1965

[For industrial production indexes, 1960=100 except as noted. Monthly averages. Imports c.i.f., except as noted; exports f.o.b. See text, pp. 859 and 860]

COUNTRY	INDUSTRIAL PRODUCTION INDEXES				IMPORTS (mil. dol.)				EXPORTS (mil. dol.)			
	1950 <sup>1</sup>	1963	1964	1965	1950	1960	1964	1965	1950	1960	1964	1965
<b>EEC countries</b>	80	119	127	133	930	2,468	3,744	4,083	773	2,477	3,550	3,992
Belgium	93	121	129	132	<sup>2</sup> 161	<sup>2</sup> 324	<sup>2</sup> 496	<sup>2</sup> 531	<sup>2</sup> 137	<sup>2</sup> 312	<sup>2</sup> 468	<sup>2</sup> 532
France	87	117	127	128	<sup>3</sup> 256	524	839	862	<sup>3</sup> 255	572	750	838
Germany (F.R.)	<sup>4</sup> 72	<sup>4</sup> 115	<sup>4</sup> 125	<sup>4</sup> 132	<sup>3</sup> 225	847	1,218	1,456	<sup>3</sup> 165	952	1,351	1,491
Italy	78	132	134	140	124	396	603	612	100	306	497	599
Luxembourg	89	100	109	110	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Netherlands	88	116	126	134	169	378	588	622	116	336	484	533
<b>Other Europe:</b>												
Austria	86	112	120	125	40	118	155	175	27	93	120	133
Denmark	98	(NA)	(NA)	(NA)	71	<sup>5</sup> 150	<sup>5</sup> 216	<sup>5</sup> 234	54	<sup>5</sup> 122	<sup>5</sup> 173	<sup>5</sup> 189
Greece	77	123	136	147	36	58	74	95	8	17	26	27
Iceland	(NA)	(NA)	(NA)	(NA)	3	7	11	11	2	6	9	11
Ireland	91	122	131	135	<sup>6</sup> 37	<sup>6</sup> 53	<sup>6</sup> 81	<sup>6</sup> 87	<sup>6</sup> 17	<sup>6</sup> 36	<sup>6</sup> 52	<sup>6</sup> 52
Norway	88	116	124	133	56	<sup>5</sup> 122	<sup>5</sup> 165	<sup>5</sup> 184	32	<sup>5</sup> 73	<sup>5</sup> 108	<sup>5</sup> 120
Portugal	(NA)	125	140	151	23	45	63	75	15	27	43	47
Spain	(NA)	137	155	170	33	60	188	252	34	61	80	81
Sweden	95	121	133	143	98	<sup>5</sup> 240	<sup>5</sup> 321	<sup>5</sup> 365	92	<sup>5</sup> 214	<sup>5</sup> 306	<sup>5</sup> 331
Switzerland	(NA)	119	124	129	88	186	300	307	75	157	221	248
Turkey	77	(NA)	(NA)	(NA)	24	39	45	48	22	27	34	38
United Kingdom	94	105	113	116	<sup>7</sup> 608	<sup>7</sup> 1,063	<sup>6</sup> 1,329	<sup>6</sup> 1,345	<sup>7</sup> 526	<sup>7</sup> 858	<sup>6</sup> 1,065	<sup>6</sup> 1,143
Yugoslavia	94	132	153	166	20	69	110	107	13	47	74	91
<b>United States</b>	<sup>9</sup> 82	114	122	132	<sup>10</sup> 129	<sup>10</sup> 1,221	<sup>10</sup> 1,550	<sup>10</sup> 1,774	845	1,692	2,174	2,250

NA Not available. <sup>1</sup> 1953=100. <sup>2</sup> Luxembourg included with Belgium.

<sup>3</sup> For 1950, data for Germany exclude, and data for France include, the Saar.

<sup>4</sup> Excludes West Berlin; for 1950, excludes the Saar.

<sup>5</sup> General trade; for Denmark, foreign trade indexes exclude ships.

<sup>6</sup> General imports and domestic exports plus reexports. <sup>7</sup> General imports, and exports of produce and manufactures plus reexports. <sup>8</sup> Includes the Channel Islands. <sup>9</sup> Excludes Alaska and Hawaii.

<sup>10</sup> Imports are valued f.o.b.

Source: Organisation for Economic Co-operation and Development; *Main Economic Indicators*, January 1967.

No. 1266. PERSONNEL IN THE ARMED FORCES: 1966

[In thousands. As of August. Data are for regular forces]

COUNTRY	Total	Army	Navy	Air Force	COUNTRY	Total	Army	Navy	Air Force
<b>United States</b> .....	3,094	1,200	<sup>1</sup> 1,007	887	<b>Middle East:</b>				
<b>Western Europe:</b>					Iran.....	180	164	6	10
Belgium.....	107	83	5	19	Israel.....	71	60	3	8
Denmark.....	50	30	7	13	Turkey.....	450	360	37	53
France.....	535	338	84	113	United Arab Rep....	<sup>7</sup> 190	160	<sup>8</sup> 11	15
Germany, Fed.					<b>Asia:</b>				
Rep. of.....	440	307	33	100	Cambodia.....	38	34	1	3
Greece.....	159	118	18	23	China (mainland)...	2,486	2,250	136	100
Italy.....	<sup>2</sup> 376	270	40	66	China (Taiwan)....	544	400	<sup>1</sup> 62	82
Luxembourg.....	2	2	-	-	India.....	879	807	17	55
Netherlands.....	129	85	21	23	Indonesia.....	352	290	40	<sup>9</sup> 22
Norway.....	34	17	6	9	Japan.....	246	171	35	40
Portugal.....	<sup>3</sup> 148	120	<sup>1</sup> 15	13	Laos <sup>10</sup> .....	60	58	1	1
Spain.....	291	212	42	37	Malaysia.....	30	26	2	2
Sweden.....	82	47	12	24	North Korea.....	368	340	8	20
Switzerland.....	31	21	-	10	North Viet-Nam....	257	250	3	4
United Kingdom....	<sup>4</sup> 437	218	97	122	Pakistan.....	278	<sup>11</sup> 250	8	20
<b>Eastern Europe:</b>					Philippines.....	38	26	5	7
Albania.....	39	30	3	6	South Korea.....	572	500	<sup>1</sup> 47	25
Bulgaria.....	156	125	7	24	South Viet-Nam....	304	275	15	14
Czechoslovakia....	220	175	-	45	Thailand.....	126	85	<sup>1</sup> 21	20
East Germany.....	122	85	17	20	<b>Other:</b>				
Hungary.....	109	100	-	9	Australia.....	<sup>12</sup> 69	35	15	19
Poland.....	260	185	15	60	Canada.....	107	44	18	45
Romania.....	201	175	8	18	Cuba.....	121	90	6	25
U.S.S.R.....	3,165	<sup>5</sup> 2,000	465	<sup>6</sup> 700	New Zealand.....	<sup>12</sup> 13	6	3	4
Yugoslavia.....	264	220	24	20	South Africa.....	22	16	3	3

- Represents zero. <sup>1</sup> Includes Marine Corps. <sup>2</sup> Excludes Carabinieri troops. <sup>3</sup> Excludes African troops. <sup>4</sup> Includes forces enlisted outside the United Kingdom. <sup>5</sup> Includes Air Defense Command troops assigned to ground duty. <sup>6</sup> Includes 200,000 men assigned to Strategic Rocket Forces. <sup>7</sup> Includes 4,500 men assigned to "Missile Command," not shown separately. <sup>8</sup> Includes Coast Guard. <sup>9</sup> Includes parachute troops. <sup>10</sup> Royal-Lao forces only. Pathet-Lao forces number about 25,000. <sup>11</sup> Includes 25,000 Azad Kashmir troops. <sup>12</sup> Includes women.

Source: The Institute for Strategic Studies, London; *The Military Balance, 1966-1967*. (Copyright.)

No. 1267. NATIONAL DEFENSE EXPENDITURES: 1966

[In millions of U.S. dollars. For fiscal year 1965/66 or calendar year 1966. Gross national product figures upon which percents are based for East European countries have been estimated in terms of Western purchasing power equivalents. Defense expenditures figures for these countries are official data converted at tourist exchange rates]

COUNTRY	Expenditures	PERCENT OF—		COUNTRY	Expenditures	PERCENT OF—	
		Gross national product	Total national expenditure			Gross national product	Total national expenditure
<b>United States</b> .....	54,200	8.0	51.0	<b>Middle East:</b>			
<b>Western Europe:</b>				Iran <sup>3</sup> .....	229	4.4	23.0
Belgium.....	520	3.5	12.0	Israel.....	382	11.7	30.0
Denmark.....	283	2.6	15.0	Turkey.....	334	4.3	21.0
France.....	4,215	4.8	21.0	United Arab Rep....	437	8.6	18.0
Germany, Fed.				<b>Asia:</b>			
Rep. of.....	4,607	5.7	32.0	Cambodia.....	45	5.7	25.0
Greece.....	200	3.6	21.0	China (mainland)...	5,500	10.0	(NA)
Italy.....	1,980	3.3	16.0	China (Taiwan) <sup>2</sup> ...	202	9.0	44.0
Luxembourg.....	9	1.4	5.0	India.....	<sup>4</sup> 1,042	3.8	17.0
Netherlands.....	746	4.3	16.0	Japan.....	837	1.3	8.2
Norway.....	270	3.9	16.0	Laos.....	17	6.8	(NA)
Portugal.....	230	6.5	36.0	Malaysia.....	98	2.7	15.0
Spain.....	438	2.4	18.0	Pakistan <sup>3</sup> .....	295	3.1	19.0
Sweden.....	800	4.6	16.0	Philippines <sup>3</sup> .....	72	1.4	11.0
Switzerland.....	352	2.5	31.0	South Korea.....	110	3.8	31.0
United Kingdom....	5,937	6.8	18.0	South Viet-Nam <sup>3</sup> ...	152	15.2	28.0
<b>Eastern Europe:</b>				Thailand <sup>3</sup> .....	93	2.7	15.0
Bulgaria.....	116	1.9	7.5	<b>Other:</b>			
Czechoslovakia....	715	3.4	8.8	Australia.....	833	3.7	13.0
Germany, East.....	665	2.4	5.0	Canada.....	1,438	3.0	20.0
Hungary.....	246	2.3	5.9	New Zealand.....	115	2.2	6.0
Poland.....	928	3.4	8.1				
Romania.....	250	1.8	4.6				
U.S.S.R.....	<sup>1</sup> 14,400	4.6	13.0				
Yugoslavia.....	<sup>2</sup> 352	4.7	25.0				

NA Not available. <sup>1</sup> Official figure only; actual figure is probably nearer \$35 billion.

<sup>2</sup> Adjusted to 1966 exchange rate. <sup>3</sup> For fiscal year ending in 1965.

<sup>4</sup> Adjusted to post-July 1966 exchange rate.

Source: The Institute for Strategic Studies, London, *The Military Balance, 1966-1967*. (Copyright.)



## No. 1268. INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE: 1965

[Except as noted, 1952/53-1956/57=100 for agriculture and 1958=100 for all other items. See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]<sup>1</sup>

COUNTRY	PRODUCTION				Employment in manu- factur- ing <sup>3</sup>	PRICES			Retail trade <sup>4</sup>
	Agriculture <sup>1</sup>		Min- ing <sup>2</sup>	Manu- factur- ing indus- tries <sup>2</sup>		Con- sumer prices <sup>4</sup>	Whole- sale prices <sup>4 5</sup>	Market prices of indus- trial shares <sup>6</sup>	
	All com- modi- ties	Food							
United States.....	117	119	120	156	113	109	102	172	142
Argentina.....	123	123	<sup>7</sup> 238	120	<sup>8 9</sup> 70	771	767	(NA)	713
Australia.....	144	149	(NA)	<sup>10</sup> 148	120	116	<sup>4</sup> 108	141	<sup>12</sup> 151
Austria.....	138	139	106	147	<sup>13</sup> 105	125	<sup>11</sup> 118	204	171
Belgium.....	<sup>14</sup> 128	<sup>14</sup> 128	85	158	112	115	110	86	153
Bolivia.....	(NA)	(NA)	(NA)	(NA)	(NA)	172	(NA)	(NA)	(NA)
Brazil.....	135	148	<sup>7</sup> 198	<sup>15</sup> 148	(NA)	2,048	1,925	(NA)	(NA)
Burma.....	131	133	(NA)	(NA)	(NA)	<sup>7</sup> 99	<sup>16 17</sup> 92	(NA)	(NA)
Canada.....	117	118	150	155	116	111	110	175	140
Ceylon.....	137	147	168	147	<sup>15</sup> 87	107	(NA)	(NA)	(NA)
Chile.....	124	125	141	153	<sup>8 9 13</sup> 108	515	429	606	<sup>8</sup> 585
China (Taiwan).....	156	156	166	270	<sup>7 19</sup> 153	147	140	(NA)	(NA)
Colombia.....	133	129	<sup>8</sup> 136	<sup>8</sup> 144	113	199	201	<sup>20</sup> 94	182
Costa Rica.....	(NA)	(NA)	(NA)	(NA)	(NA)	114	104	(NA)	(NA)
Cuba.....	120	120	(NA)	<sup>20 21</sup> 150	(NA)	(NA)	(NA)	(NA)	(NA)
Czechoslovakia.....	(NA)	(NA)	128	161	<sup>13</sup> 120	99	(NA)	(NA)	124
Denmark.....	122	122	(NA)	<sup>8</sup> 157	<sup>9</sup> 124	135	115	156	<sup>22</sup> 142
Dominican Republic.....	(NA)	(NA)	(NA)	<sup>7</sup> 128	(NA)	110	117	(NA)	(NA)
Ecuador.....	(NA)	(NA)	(NA)	<sup>15</sup> 159	<sup>8</sup> 112	123	112	(NA)	(NA)
El Salvador.....	(NA)	(NA)	(NA)	226	<sup>8 23</sup> 115	100	97	(NA)	(NA)
Finland.....	131	131	161	172	<sup>9 13</sup> 119	135	124	120	188
France.....	131	131	107	140	102	<sup>24</sup> 111	121	121	<sup>8</sup> 191
Germany, Eastern.....	(NA)	(NA)	117	163	<sup>21 23</sup> 97	97	(NA)	(NA)	134
Germany, Fed. Rep. of.....	126	126	<sup>26</sup> 103	<sup>26</sup> 162	<sup>19 26</sup> 108	<sup>26</sup> 118	<sup>8 26</sup> 105	<sup>20</sup> 173	<sup>26</sup> 165
Ghana.....	(NA)	(NA)	<sup>24</sup> 101	<sup>24</sup> 128	<sup>7 19</sup> 152	181	<sup>22</sup> 130	(NA)	(NA)
Greece.....	157	155	<sup>21</sup> 132	155	<sup>27</sup> 105	<sup>21</sup> 110	119	(NA)	(NA)
Guatemala.....	173	133	(NA)	134	<sup>9 23</sup> 102	99	101	(NA)	(NA)
Honduras.....	138	129	(NA)	(NA)	<sup>15</sup> 78	113	(NA)	(NA)	(NA)
Hungary.....	(NA)	(NA)	134	189	<sup>13</sup> 125	102	(NA)	(NA)	159
Iceland.....	(NA)	(NA)	(NA)	(NA)	(NA)	173	(NA)	(NA)	(NA)
India.....	130	129	159	168	<sup>8 9</sup> 128	143	145	113	(NA)
Indonesia.....	112	114	(NA)	(NA)	(NA)	<sup>7 1</sup> 254	(NA)	(NA)	(NA)
Iran.....	124	120	(NA)	(NA)	(NA)	135	<sup>29</sup> 111	(NA)	(NA)
Iraq.....	105	104	(NA)	(NA)	(NA)	108	117	(NA)	(NA)
Ireland.....	123	123	187	159	<sup>19 30</sup> 122	123	117	<sup>20</sup> 292	<sup>22</sup> 132
Israel.....	255	246	314	239	166	146	<sup>27</sup> 105	<sup>20 31</sup> 330	(NA)
Italy.....	119	120	125	178	<sup>21</sup> 111	129	112	<sup>20</sup> 173	190
Japan.....	132	133	115	267	137	142	104	<sup>20</sup> 248	273
Korea, Republic of.....	151	157	321	207	(NA)	228	<sup>15</sup> 221	(NA)	(NA)
Lebanon.....	(NA)	(NA)	(NA)	(NA)	(NA)	<sup>7</sup> 110	(NA)	(NA)	(NA)
Luxembourg.....	( <sup>14</sup> )	( <sup>14</sup> )	90	127	<sup>8</sup> 115	112	(NA)	(NA)	(NA)
Mexico.....	181	190	121	174	<sup>9 27</sup> 124	118	117	<sup>31</sup> 108	190
Morocco.....	119	120	126	129	(NA)	129	137	(NA)	(NA)
Netherlands.....	137	137	126	163	112	126	111	179	191
New Zealand.....	132	128	(NA)	<sup>8 32</sup> 156	127	119	111	<sup>31</sup> 196	<sup>33</sup> 152
Nicaragua.....	(NA)	(NA)	(NA)	135	(NA)	103	(NA)	(NA)	(NA)
Norway.....	101	100	145	151	110	125	112	95	164
Pakistan.....	129	131	<sup>34</sup> 183	<sup>34</sup> 236	<sup>8 19</sup> 135	117	<sup>33</sup> 118	(NA)	(NA)
Panama.....	139	140	(NA)	258	<sup>8</sup> 157	<sup>24</sup> 103	(NA)	(NA)	(NA)
Paraguay.....	(NA)	(NA)	(NA)	(NA)	(NA)	154	(NA)	(NA)	(NA)
Peru.....	127	120	247	<sup>8</sup> 179	<sup>15</sup> 139	<sup>19</sup> 156	<sup>15</sup> 147	<sup>31</sup> 86	(NA)
Philippines.....	133	130	123	149	119	133	137	(NA)	(NA)
Poland.....	(NA)	(NA)	137	185	<sup>13 36</sup> 124	109	(NA)	(NA)	167
Portugal.....	112	112	82	180	(NA)	118	108	<sup>31</sup> 191	(NA)
South Africa.....	131	136	153	171	132	114	<sup>22</sup> 108	<sup>31</sup> 237	135

See footnotes at end of table.

# No. 1268. INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE: 1965—Continued

[Except as noted, 1952/53–1956/57=100 for agriculture and 1958=100 for all other items. See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION				Employ- ment in manu- factur- ing <sup>3</sup>	PRICES			Retail trade <sup>4</sup>
	Agriculture <sup>1</sup>		Min- ing <sup>2</sup>	Manu- factur- ing indus- tries <sup>2</sup>		Con- sumer prices <sup>4</sup>	Whole- sale prices <sup>4 5</sup>	Market prices of indus- trial shares <sup>6</sup>	
	All com- modi- ties	Food							
Spain.....	133	133	95	189	<sup>37</sup> 133	155	<sup>21</sup> 130	<sup>20</sup> 79	(NA)
Sweden.....	106	106	158	167	<sup>9 13</sup> 109	125	120	<sup>20</sup> 170	147
Switzerland.....	111	111	(NA)	154	<sup>9</sup> 121	118	109	106	176
Syria.....	161	141	76	176	(NA)	<sup>24</sup> 105	<sup>8</sup> 105	(NA)	(NA)
Thailand.....	158	152	(NA)	(NA)	(NA)	<sup>13</sup> 108	96	(NA)	(NA)
Turkey.....	142	136	131	191	<sup>19</sup> 139	164	154	(NA)	(NA)
U.S.S.R.....	(NA)	(NA)	(NA)	<sup>20</sup> 184	(NA)	<sup>8</sup> 100	(NA)	(NA)	154
United Arab Rep.....	144	144	256	354	<sup>15</sup> 119	118	113	(NA)	(NA)
United Kingdom.....	137	138	92	134	<sup>19</sup> 106	121	<sup>33</sup> 107	165	134
Uruguay.....	102	103	(NA)	102	(NA)	<sup>27</sup> 224	(NA)	(NA)	(NA)
Venezuela.....	172	182	129	191	<sup>22</sup> 122	109	122	<sup>31</sup> 78	124
Viet Nam, Rep.....	(NA)	(NA)	( <sup>39</sup> )	<sup>24</sup> 160	(NA)	143	131	(NA)	(NA)
Yugoslavia.....	163	164	168	226	<sup>13</sup> 148	211	<sup>40</sup> 130	(NA)	363
Zambia.....	(NA)	(NA)	<sup>22</sup> 122	<sup>22</sup> 162	142	116	<sup>22 41</sup> 113	(NA)	(NA)

NA Not available.

<sup>1</sup> Refers to crop year ending in 1965, except as noted. All commodities index relates to food, fibers, tobacco, industrial oil seeds, rubber, tea, and coffee; food index to crops and livestock products for human consumption. Deduction made for feed and seed used in production process.

<sup>2</sup> Components of these indexes vary considerably among countries; for details, see source.

<sup>3</sup> Refers, in general, to salaried employees and wage earners in manufacturing. Includes workers on holiday or vacation; excludes employers, self-employed, workers on strike, on temporary military leave, or temporarily laid off.

<sup>4</sup> In many instances, represents index only for principal city (or cities) of particular country.

<sup>5</sup> General wholesale price index numbers usually weighted by gross value of sales on wholesale markets.

<sup>6</sup> As of 4th quarter of 1966, except as noted. Indexes based primarily on common shares traded on leading exchange or exchanges of each country, and intended to cover representative sample of companies in manufacturing, mining, and construction fields. In some cases, where an index of industrial shares is not available, a general index, including shares of companies in transportation, distribution, and finance fields, is reported.

<sup>7</sup> For 1963. <sup>8</sup> For 1964.

<sup>9</sup> Wage earners only. <sup>10</sup> July 1958–June 1959 = 100. For year beginning July 1.

<sup>11</sup> Home consumption of foodstuffs and industrial raw materials.

<sup>12</sup> For year ending June 30. <sup>13</sup> Includes mining and quarrying.

<sup>14</sup> Luxembourg included with Belgium. <sup>15</sup> For 1962.

<sup>16</sup> October 1957–September 1958 = 100. <sup>17</sup> Farm products only.

<sup>18</sup> 1960 = 100. <sup>19</sup> Data for one month.

<sup>20</sup> General index. <sup>21</sup> 1959 = 100.

<sup>22</sup> 1961 = 100. <sup>23</sup> San Salvador; 1962 = 100.

<sup>24</sup> 1962 = 100. <sup>25</sup> Includes mining.

<sup>26</sup> Includes the Saar. <sup>27</sup> 1963 = 100.

<sup>28</sup> Guatemala City only. <sup>29</sup> Mar. 21, 1959–Mar.

20, 1960 = 100.

<sup>30</sup> Includes working proprietors. <sup>31</sup> 3d quarter.

<sup>32</sup> April 1958–March 1959 = 100. For year beginning Apr. 1. <sup>33</sup> For year beginning Apr. 1.

<sup>34</sup> For year beginning July. <sup>35</sup> July 1957–June 1958 = 100. Year ending June 30.

<sup>36</sup> Includes sea fishing. <sup>37</sup> Includes workers on own account.

<sup>38</sup> Basic materials. <sup>39</sup> None or negligible quantity.

<sup>40</sup> Producers' prices of industrial products. <sup>41</sup> Residential building materials.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1269. SELECTED FOODS—NET SUPPLY PER PERSON

[Relates to supplies of foodstuffs available for human consumption within the country after deduction of quantities for feed, seed, industrial purposes, and waste. Excludes alcoholic beverages. Cereals are in terms of flour and milled rice; potatoes include other starchy roots and their root flour equivalent; meat, including offal, poultry, and game, is in terms of carcass weight, excluding slaughter fats. See text, p. 860, for general comments concerning the data]

COUNTRY	Year or period <sup>1</sup>	Calo-ries per day	POUNDS PER YEAR			COUNTRY	Year or period <sup>1</sup>	Calo-ries per day	POUNDS PER YEAR		
			Cere-als	Pota-toes, etc.	Meat				Cere-als	Pota-toes, etc.	Meat
United States.....	1965	3,140	146	99	220	Japan.....	1964	2,320	324	148	22
Argentina.....	1963	3,040	265	165	214	Jordan.....	1964	2,280	251	24	13
Australia.....	1964/65	3,160	187	95	234	Lebanon.....	1964	2,170	190	49	71
Austria.....	1965/66	2,970	218	168	141	Libya.....	1964	1,910	262	15	31
Belgium Luxem- bourg.....	1963/64	3,150	185	322	146	Madagascar.....	1962	2,180	351	<sup>2</sup> 271	33
Bolivia.....	1961/63	1,830	216	<sup>2</sup> 267	51	Mauritius.....	1964	2,380	293	29	15
Brazil.....	1962	2,850	249	344	62	Mexico.....	1962	2,640	280	<sup>2</sup> 40	53
Canada.....	1964/65	3,090	148	159	190	Netherlands.....	1964/65	2,890	161	205	112
Ceylon.....	1964	2,180	289	77	4	New Zealand.....	1964	3,410	190	139	251
Chile.....	1962	2,370	265	146	7	Norway.....	1965/66	2,990	163	212	90
China (Taiwan).....	1964	2,340	333	132	42	Pakistan.....	1964/65	2,260	368	22	7
Colombia.....	1963	2,130	130	<sup>2</sup> 437	82	Panama.....	1960/62	2,310	227	152	75
Costa Rica.....	1963	2,460	192	<sup>2</sup> 26	44	Paraguay.....	1962	2,580	179	564	97
Denmark.....	1964/65	3,330	165	234	139	Peru.....	1963	2,160	194	326	35
Dominican Rep.....	1959	2,040	123	<sup>2</sup> 273	40	Philippines.....	1964	1,980	273	99	29
Ecuador.....	1961	1,970	165	<sup>2</sup> 293	31	Poland.....	1960/62	3,350	328	441	101
El Salvador.....	1962	2,120	293	7	26	Portugal.....	1964	2,670	278	247	42
Ethiopia.....	1961	2,100	326	37	60	Romania.....	1963	3,020	419	143	68
Finland.....	1964/65	2,950	198	238	86	South Africa.....	1960/61	2,820	366	31	97
France.....	1960/62	3,050	216	220	170	Spain.....	1963/64	2,850	231	284	57
Germany, F.R.....	1965/66	2,900	161	243	146	Sudan.....	1961/63	2,030	249	37	55
Greece.....	1963	2,960	320	110	73	Surinam.....	1964	2,310	295	<sup>2</sup> 66	24
Guatemala.....	1962	2,320	375	<sup>2</sup> 18	24	Sweden.....	1964/65	2,950	152	212	115
Honduras.....	1962	2,070	234	<sup>2</sup> 99	22	Switzerland.....	1964/65	3,160	192	137	141
Hungary.....	1965	3,050	306	187	115	Syria.....	1960/62	2,340	348	20	31
India.....	1963/64	1,980	313	24	2	Turkey.....	1960/61	3,110	492	84	31
Iran.....	1960	2,050	317	9	35	Uganda.....	1961	2,240	134	<sup>2</sup> 1,049	22
Iraq.....	1960/62	2,140	287	11	44	U.A.R.....	1963/64	2,930	472	31	29
Ireland.....	1964	3,460	223	300	152	United Kingdom.....	1964/65	2,360	172	225	163
Israel.....	1963/64	2,830	243	84	104	Uruguay.....	1961	2,970	198	154	223
Italy.....	1964/65	2,810	289	112	77	Venezuela.....	1963	2,240	174	<sup>2</sup> 254	60
						Yugoslavia.....	1964	3,170	432	143	60

<sup>1</sup> Diagonal indicates 12-month period beginning in one calendar year and ending in the next. 1960/62 denotes average of 1960/61-1962/63. <sup>2</sup> Includes plantains.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1270. COST-OF-LIVING OF UNITED NATIONS PERSONNEL IN SELECTED CITIES AS REFLECTED BY INDEXES OF RETAIL PRICES: 1966

[New York City=100. Relates to U.N. specialized agencies. Based on price comparisons weighted according to pattern of expenditures in New York City and selected cities]

CITY	Month	Index	CITY	Month	Index
Addis Ababa, Ethiopia.....	Aug.....	95	Kuala Lumpur, Malaysia.....	Oct.....	86
Algiers, Algeria.....	Nov.....	83	La Paz, Bolivia.....	Mar.....	81
Amman, Jordan.....	Nov.....	83	Lima, Peru.....	Oct.....	94
Ankara, Turkey.....	Nov.....	78	London, England.....	Jan. <sup>1</sup> .....	82
Athens, Greece.....	Dec.....	90	Manila, Philippines.....	Nov.....	87
Baghdad, Iraq.....	Oct.....	85	Mexico City, Mexico.....	Jan.....	85
Bangkok, Thailand.....	Jan. <sup>1</sup> .....	92	Montevideo, Uruguay.....	July.....	66
Beirut, Lebanon.....	May.....	84	Montreal, Canada.....	Feb. <sup>1</sup> .....	87
Bogota, Colombia.....	Nov.....	68	Nairobi, Kenya.....	Jan. <sup>1</sup> .....	83
Bonn, West Germany.....	Jan. <sup>1</sup> .....	82	New Delhi, India.....	Dec.....	74
Buenos Aires, Argentina.....	Jan. <sup>1</sup> .....	<sup>2</sup> 80	Paris, France.....	Dec.....	101
Cairo, United Arab Republic.....	Nov.....	81	Quito, Ecuador.....	Sept.....	89
Caracas, Venezuela.....	Dec.....	108	Rabat, Morocco.....	Nov.....	85
Colombo, Ceylon.....	Nov.....	82	Rio de Janeiro, Brazil.....	Jan. <sup>1</sup> .....	102
Copenhagen, Denmark.....	Oct.....	88	Rome, Italy.....	Dec.....	92
Dakar, Senegal.....	Nov.....	111	San José, Costa Rica.....	Dec.....	83
Damascus, Syria.....	June.....	73	Santiago, Chile.....	Jan. <sup>1</sup> .....	71
Geneva, Switzerland.....	Sept.....	86	Seoul, Korea.....	Nov.....	88
Guatemala City, Guatemala.....	Dec.....	91	Teheran, Iran.....	Dec.....	82
The Hague, Netherlands.....	Nov.....	85	Tripoli, Libya.....	Aug.....	97
Havana, Cuba.....	Jan. <sup>3</sup> .....	94	Tunis, Tunisia.....	Dec.....	81
Karachi, Pakistan.....	Oct.....	85	Vienna, Austria.....	Oct.....	80
Kathmandu, Nepal.....	Feb.....	94	Washington, D.C.....	Nov.....	92

<sup>1</sup> Year 1967. <sup>2</sup> 59 at exchange rate of 350 pesos per U.S. dollar. <sup>3</sup> Year 1965.

Source: Statistical Office of the United Nations; *Monthly Bulletin*, April 1967, and *Statistical Paper*, series M14, Add. 3.

## No. 1271. WHEAT AND RICE—PRODUCTION

(In thousands of short tons. Data pertain to harvests of the year indicated or, for Southern Hemisphere and southern regions of Northern Hemisphere, to harvests continuing into the first half of the following year. See text, p. 860, for general comments concerning quality of the data.)

COUNTRY	WHEAT			RICE		
	1948-1952, average	1960	1965	1948-1952, average	1960	1965
World total	188,700	267,600	287,200	183,400	260,000	274,100
United States <sup>1</sup>	34,243	40,718	39,802	2,122	2,729	3,847
Afghanistan	<sup>2</sup> 1,874	2,512	2,513	<sup>2</sup> 367	345	419
Argentina	5,704	4,630	5,952	168	164	182
Australia	5,689	8,211	7,740	75	126	201
Austria	384	774	729	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Belgium	<sup>4</sup> 579	<sup>4</sup> 871	<sup>4</sup> 952	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Brazil	549	786	<sup>5</sup> 709	3,334	5,944	5,591
Bulgaria	<sup>4</sup> 1,958	<sup>4</sup> 2,633	<sup>4</sup> 3,220	41	35	36
Burma	<sup>6</sup> 4	11	79	6,042	7,484	8,879
Cambodia	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	<sup>7</sup> 1,800	2,627	2,619
Canada	14,818	15,551	19,468	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ceylon	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	528	989	<sup>5</sup> 1,162
Chile	1,003	1,238	1,292	83	120	97
China (mainland)	<sup>7</sup> 17,540	<sup>8</sup> 26,070	(NA)	<sup>7</sup> 64,141	93,696	(NA)
China (Taiwan)	14	45	25	1,854	2,621	3,219
Colombia	137	160	117	273	496	742
Cuba	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	117	356	<sup>5</sup> 176
Czechoslovakia	<sup>4</sup> 1,646	<sup>4</sup> 1,657	<sup>4</sup> 2,196	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Denmark	314	353	622	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ecuador	26	64	73	140	146	170
Ethiopia	197	276	324	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Finland	291	406	552	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
France	8,588	12,141	15,730	51	114	110
Germany, Eastern	1,370	1,605	1,986	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Germany, Federal Republic of	<sup>4</sup> 2,942	<sup>4</sup> 5,473	<sup>4</sup> 4,793	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Greece	985	1,836	2,192	43	60	118
Hungary	2,104	1,949	2,587	44	50	23
India	6,710	11,380	13,314	<sup>9</sup> 36,798	<sup>9</sup> 57,167	<sup>9</sup> 50,619
Indonesia	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	10,466	14,496	17,203
Iran	2,054	2,855	3,307	467	782	1,020
Iraq	494	653	1,108	224	130	218
Ireland	360	519	257	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Israel	<sup>7</sup> 26	45	165	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Italy	7,904	7,489	10,777	797	686	529
Japan	1,516	1,688	1,419	14,039	18,407	17,765
Jordan	140	49	306	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Korea, North	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	<sup>10</sup> 1,276	1,692	<sup>11</sup> 3,197
Korea, Republic of	93	174	146	2,830	3,448	3,859
Laos	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	<sup>7</sup> 595	551	816
Madagascar	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	914	1,336	1,328
Malaysia	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	771	1,127	1,206
Mexico	589	1,312	2,302	191	362	367
Nepal	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	<sup>12</sup> 2,324	2,433
Netherlands	357	650	762	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
New Zealand	153	279	312	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pakistan	4,062	4,341	5,098	13,668	17,695	19,615
Panama	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	93	106	172
Peru	161	170	163	226	366	331
Philippines	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,050	4,084	4,490
Poland	2,021	2,539	3,772	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Portugal	550	542	740	127	166	161
Romania	2,740	3,803	6,544	<sup>7</sup> 39	54	51
South Africa <sup>13</sup>	612	849	785	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Spain	<sup>4</sup> 3,997	<sup>4</sup> 3,889	<sup>4</sup> 4,694	309	442	409
Sweden	746	908	1,144	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Switzerland	<sup>4</sup> 287	<sup>4</sup> 417	<sup>4</sup> 390	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Syria	839	612	1,150	14	( <sup>3</sup> )	(NA)
Thailand	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7,546	8,636	10,569
Turkey	<sup>4</sup> 5,258	<sup>4</sup> 9,469	<sup>4</sup> 9,513	120	202	239
U.S.S.R.	<sup>7</sup> 36,101	70,877	65,793	<sup>8</sup> 223	209	639
United Arab Republic	1,227	1,652	1,764	1,070	1,638	2,094
United Kingdom	2,642	3,351	4,598	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Uruguay	517	463	463	49	67	121
Venezuela	6	1	<sup>5</sup> 1	45	79	220
Viet-Nam, North	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	4,643	<sup>5</sup> 4,974
Viet-Nam, Republic of	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	<sup>14</sup> 2,722	5,462	5,315
Yugoslavia	<sup>4</sup> 2,393	<sup>4</sup> 3,940	<sup>4</sup> 3,816	6	24	28

NA Not available.

<sup>1</sup> Excludes Alaska and Hawaii. <sup>2</sup> For 1948. <sup>3</sup> None or negligible. <sup>4</sup> Includes spelt.

<sup>5</sup> For 1964. <sup>6</sup> Average of 3 years. <sup>7</sup> Average of 4 years. <sup>8</sup> For 1957.

<sup>9</sup> Includes estimates for nonreporting areas. <sup>10</sup> For 1949. <sup>11</sup> For 1963.

<sup>12</sup> For 1961. <sup>13</sup> On farms and estates. <sup>14</sup> For 1950.

Source: Statistical Office of the United Nations, *Statistical Yearbook*; and Food and Agriculture Organization of the United Nations, *Production Yearbook*.



## No. 1272. CORN AND POTATOES—PRODUCTION

[In thousands of short tons. Data pertain to harvests of the year indicated or, for Southern Hemisphere and southerly regions of Northern Hemisphere, to harvests continuing into the first half of the following year. See text, p. 860, for general comments concerning the data]

COUNTRY	CORN			POTATOES		
	1948-1952, average	1960	1965	1948-1952, average	1960	1965
World total	153,600	234,900	255,700	269,000	311,600	299,800
United States <sup>1</sup>	<sup>2</sup> 81,911	<sup>2</sup> 109,425	<sup>2</sup> 116,790	11,768	12,872	14,489
Afghanistan	(NA)	772	794	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Algeria	7	10	<sup>4</sup> 4	234	285	256
Angola	(NA)	414	419	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Argentina	2,766	5,346	7,760	<sup>1</sup> 1,357	2,284	1,636
Australia	139	175	126	511	505	549
Austria	132	235	206	2,502	4,199	2,799
Belgium	3	2	<sup>5</sup> 2	2,345	2,088	1,564
Bolivia	<sup>6</sup> 119	287	299	169	680	700
Brazil	6,521	9,960	11,430	<sup>7</sup> 771	1,227	1,373
Bulgaria	862	1,659	1,365	265	527	313
Canada	428	731	1,670	1,992	2,148	2,335
Chile	77	161	243	504	898	<sup>8</sup> 810
China (mainland)	<sup>9</sup> 18,573	(NA)	(NA)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
China (Taiwan)	7	23	<sup>5</sup> 46	1	8	<sup>5</sup> 21
Colombia	808	1,084	1,071	558	661	899
Cuba	247	234	<sup>9</sup> 283	<sup>10</sup> 82	111	(NA)
Czechoslovakia	341	631	433	7,997	5,614	4,054
Denmark	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,392	2,164	1,033
Ecuador	87	176	211	108	224	437
El Salvador	<sup>6</sup> 211	196	213	3	(NA)	(NA)
Ethiopia	176	724	805	(NA)	6	157
Finland	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,590	1,893	1,386
France	498	3,146	3,364	15,139	16,625	13,024
Germany, Eastern	6	6	<sup>4</sup> 3	14,522	16,337	14,172
Germany, Fed. Rep. of	22	22	106	26,738	27,056	19,939
Greece	248	317	331	425	468	646
Guatemala	<sup>6</sup> 507	558	680	<sup>10</sup> 10	13	(NA)
Honduras	226	289	456	2	2	<sup>5</sup> 2
Hungary	2,280	3,862	3,929	1,890	2,928	1,637
India	2,387	4,497	5,106	1,816	2,997	<sup>5</sup> 3,805
Indonesia	<sup>10</sup> 1,692	2,712	4,608	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ireland	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,199	2,016	1,817
Israel	9	9	<sup>5</sup> 6	<sup>9</sup> 40	90	120
Italy	2,542	4,203	3,655	3,012	4,209	3,911
Japan	63	127	83	2,702	3,962	4,471
Korea, Republic of	15	15	<sup>5</sup> 39	250	348	500
Luxembourg	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	151	114	82
Mexico	3,406	5,937	9,772	148	324	481
Morocco	333	368	306	<sup>11</sup> 61	149	<sup>5</sup> 209
Netherlands	29	1	(NA)	5,158	4,600	3,597
New Zealand	11	11	21	130	259	<sup>5</sup> 316
Nicaragua	105	131	<sup>5</sup> 157	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Norway	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,294	1,375	1,250
Pakistan	423	492	599	175	534	634
Panama	67	69	95	2	(NA)	(NA)
Paraguay	130	121	<sup>5</sup> 231	3	4	<sup>5</sup> 9
Peru	321	375	628	1,366	1,262	<sup>4</sup> 1,319
Philippines	767	1,334	1,521	1	11	<sup>5</sup> 18
Poland	(NA)	52	17	32,674	41,728	47,689
Portugal	464	514	422	1,190	1,148	856
Rhodesia, Southern <sup>12</sup>	184	595	<sup>5</sup> 520	13	23	<sup>5</sup> 23
Romania	2,611	6,097	6,478	1,721	3,317	2,420
South Africa	2,736	5,459	5,395	<sup>12</sup> 247	<sup>12</sup> 356	<sup>4</sup> 12 450
Spain	573	1,116	1,273	3,689	5,093	4,406
Sweden	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,000	1,932	1,700
Switzerland	7	4	<sup>9</sup> 21	1,125	1,423	1,057
Tanzania, Un. Rep. of	420	616	616	<sup>13</sup> 2	<sup>13</sup> 3	<sup>5</sup> 13 7
Turkey	823	1,202	1,042	667	1,543	1,852
U.S.S.R.	<sup>6</sup> 6,339	20,615	<sup>5</sup> 21,716	<sup>14</sup> 97,678	93,006	97,749
United Arab Republic	1,519	1,864	2,315	206	320	486
United Kingdom	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	10,410	8,017	8,353
Uruguay	172	247	160	58	97	<sup>5</sup> 110
Venezuela	334	484	574	29	148	150
Viet-Nam, Republic of	<sup>10</sup> 33	30	49	<sup>8</sup> 2	(NA)	<sup>5</sup> 3
Yugoslavia	3,393	6,790	6,526	1,638	3,605	2,624

NA Not available.

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Corn for grain only. <sup>3</sup> None or negligible.

<sup>4</sup> For 1963. <sup>5</sup> For 1964. <sup>6</sup> Average of 4 years.

<sup>7</sup> Average of 2 years. <sup>8</sup> For 1952. <sup>9</sup> For 1962.

<sup>10</sup> Average of 3 years.

<sup>11</sup> Former French zone only.

<sup>12</sup> On farms and estates.

<sup>13</sup> Tanganyika only. Estimated production sold or for sale. <sup>14</sup> For 1950.

Source: Statistical Office of the United Nations, *Statistical Yearbook*; and Food and Agriculture Organization of the United Nations, *Production Yearbook*.

## No. 1273. MEAT, SUGAR, AND COTTON—PRODUCTION

[In thousands of short tons. Meat and sugar for calendar years unless otherwise stated. Cotton data pertain to harvests of year indicated or, for Southern Hemisphere and southerly regions of Northern Hemisphere, to harvests continuing into the first half of the following year. See text, p. 860, for general comments concerning the data]

COUNTRY	MEAT <sup>1</sup>			SUGAR <sup>2</sup>		COTTON		
	1948-1952, average	1960	1965	1960	1965	1948-1952, average	1960	1965
World total.....	44,800	67,700	<sup>3</sup> 74,000	<sup>4</sup> 56,300	<sup>4</sup> 68,700	8,378	11,795	13,338
United States.....	<sup>5</sup> 10,993	<sup>5</sup> 14,104	<sup>5</sup> 15,763	4,009	5,336	3,423	3,425	3,589
Afghanistan.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	5	11	8	20	55
Argentina.....	2,511	2,480	<sup>3</sup> 2,635	898	1,443	130	137	116
Australia.....	<sup>7</sup> 1,155	<sup>7</sup> 1,473	<sup>3</sup> <sup>7</sup> 1,917	1,588	2,285	( <sup>6</sup> )	(NA)	<sup>8</sup> 7
Austria.....	<sup>9</sup> 236	<sup>9</sup> 431	<sup>9</sup> 484	356	259	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Belgium.....	326	489	521	<sup>10</sup> 559	<sup>16</sup> 475	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Brazil.....	<sup>11</sup> 1,627	<sup>11</sup> 2,064	<sup>3</sup> <sup>11</sup> 2,276	<sup>12</sup> 3,659	<sup>12</sup> 5,086	435	591	730
Bulgaria.....	(NA)	<sup>9</sup> 231	<sup>9</sup> 326	205	138	<sup>12</sup>	21	14
Canada.....	949	1,228	1,429	168	151	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Chile.....	<sup>13</sup> 239	<sup>13</sup> 202	<sup>8</sup> <sup>13</sup> 227	87	115	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
China (mainland).....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	1,389	2,458	<sup>14</sup> 957	<sup>13</sup> 2,657	(NA)
China (Taiwan).....	(NA)	198	273	958	1,096	( <sup>6</sup> )	( <sup>6</sup> )	<sup>3</sup> 1
Colombia.....	<sup>11</sup> <sup>14</sup> 303	(NA)	(NA)	362	535	11	77	72
Cuba.....	<sup>11</sup> <sup>13</sup> <sup>14</sup> 89	(NA)	(NA)	6,462	6,704	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Czechoslovakia.....	<sup>9</sup> <sup>16</sup> 669	<sup>9</sup> 808	<sup>9</sup> 1,006	1,056	790	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Denmark.....	453	830	<sup>3</sup> 931	355	287	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Dominican Rep.....	<sup>11</sup> <sup>13</sup> <sup>24</sup>	<sup>11</sup> <sup>13</sup> 32	(NA)	1,226	643	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
El Salvador.....	<sup>14</sup> <sup>17</sup> 23	(NA)	(NA)	<sup>13</sup> 55	<sup>13</sup> 114	9	46	<sup>3</sup> 99
Finland.....	<sup>11</sup> 120	<sup>11</sup> 142	<sup>11</sup> 182	68	51	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
France.....	<sup>9</sup> <sup>11</sup> 1,993	<sup>9</sup> <sup>11</sup> 3,064	<sup>9</sup> <sup>11</sup> 3,212	2,499	2,620	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Germany, Eastern.....	(NA)	(NA)	(NA)	815	682	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Germany, Fed. Rep.....	<sup>10</sup> 1,529	<sup>10</sup> 2,866	(NA)	2,069	1,765	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Greece.....	75	153	(NA)	( <sup>6</sup> )	114	23	69	77
Hungary.....	(NA)	390	<sup>3</sup> 431	456	513	<sup>14</sup> 1	( <sup>6</sup> )	( <sup>6</sup> )
India.....	<sup>20</sup> 517	(NA)	(NA)	3,102	3,850	<sup>21</sup> 634	<sup>21</sup> 1,111	<sup>21</sup> 1,076
Indonesia.....	(NA)	<sup>22</sup> <sup>23</sup> 233	(NA)	<sup>12</sup> 744	<sup>12</sup> 816	<sup>14</sup> 1	( <sup>6</sup> )	( <sup>6</sup> )
Iran.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	98	<sup>24</sup> 258	29	109	160
Ireland.....	165	272	<sup>3</sup> 308	141	137	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Italy.....	627	990	1,070	1,100	1,368	4	7	4
Japan.....	<sup>11</sup> <sup>13</sup> 119	<sup>11</sup> <sup>13</sup> 323	<sup>3</sup> <sup>11</sup> <sup>13</sup> 578	164	<sup>25</sup> 627	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Korea, Republic of.....	<sup>11</sup> <sup>26</sup> 23	<sup>11</sup> 107	<sup>8</sup> <sup>11</sup> 98	( <sup>6</sup> )	( <sup>6</sup> )	24	7	4
Mexico.....	<sup>13</sup> 233	<sup>13</sup> 466	(NA)	1,687	2,323	245	504	636
Netherlands.....	378	750	843	737	656	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
New Zealand.....	<sup>11</sup> 606	<sup>11</sup> 804	<sup>11</sup> 879	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Norway.....	<sup>11</sup> 101	<sup>11</sup> 132	<sup>11</sup> 144	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Pakistan.....	(NA)	<sup>11</sup> <sup>13</sup> 374	<sup>3</sup> <sup>11</sup> <sup>13</sup> 387	173	341	<sup>21</sup> 288	<sup>21</sup> 336	<sup>21</sup> 461
Paraguay.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	33	42	15	9	15
Peru.....	<sup>14</sup> 104	166	(NA)	890	850	84	147	<sup>3</sup> 163
Philippines.....	<sup>11</sup> <sup>13</sup> <sup>14</sup> 129	<sup>11</sup> <sup>13</sup> 228	<sup>3</sup> <sup>11</sup> <sup>13</sup> 212	1,541	1,775	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Poland.....	<sup>9</sup> 995	<sup>9</sup> 1,657	<sup>9</sup> 1,910	1,534	1,659	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Portugal.....	<sup>9</sup> 152	<sup>9</sup> 172	<sup>3</sup> <sup>9</sup> 172	<sup>12</sup> <sup>27</sup> 15	<sup>12</sup> <sup>27</sup> 19	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Puerto Rico.....	<sup>11</sup> <sup>25</sup> 17	<sup>11</sup> <sup>25</sup> 22	<sup>3</sup> <sup>11</sup> <sup>25</sup> 30	1,028	899	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Rhodesia, Southern.....	<sup>11</sup> <sup>29</sup> 47	<sup>11</sup> <sup>29</sup> 76	<sup>11</sup> <sup>29</sup> 84	32	255	1	( <sup>6</sup> )	(NA)
Romania.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	468	481	<sup>14</sup> 12	( <sup>6</sup> )	( <sup>6</sup> )
South Africa.....	<sup>29</sup> 452	588	(NA)	<sup>12</sup> <sup>30</sup> 1,049	<sup>12</sup> 1,118	3	6	24
Spain.....	<sup>11</sup> 360	<sup>11</sup> 595	<sup>3</sup> <sup>11</sup> 739	582	558	9	79	89
Sweden.....	314	371	407	379	217	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Switzerland.....	186	260	<sup>3</sup> 287	45	50	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Thailand.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	<sup>12</sup> 154	<sup>12</sup> 303	8	17	19
Turkey.....	<sup>22</sup> 98	<sup>22</sup> 177	<sup>3</sup> <sup>22</sup> 187	771	625	131	194	358
Uganda.....	<sup>11</sup> <sup>14</sup> 60	<sup>11</sup> 100	<sup>3</sup> <sup>11</sup> 136	<sup>12</sup> 104	<sup>12</sup> 130	73	74	89
U.S.S.R.....	<sup>31</sup> <sup>4</sup> 392	<sup>31</sup> <sup>8</sup> 377	<sup>31</sup> <sup>9</sup> 921	6,350	10,682	1,069	1,637	2,056
United Arab Rep.....	<sup>22</sup> <sup>32</sup> 184	<sup>22</sup> <sup>32</sup> 231	<sup>3</sup> <sup>22</sup> <sup>32</sup> 274	396	475	437	527	573
United Kingdom.....	1,131	1,888	2,155	948	1,073	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Uruguay.....	<sup>11</sup> 410	<sup>11</sup> 357	(NA)	39	58	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Venezuela.....	<sup>11</sup> <sup>13</sup> 93	<sup>11</sup> <sup>13</sup> 157	<sup>3</sup> <sup>11</sup> <sup>13</sup> 209	215	401	4	11	18
Yugoslavia.....	303	538	575	319	407	2	2	2

NA Not available.

<sup>1</sup> Refers to beef and veal (incl. buffalo meat), pork (incl. bacon and ham), mutton and lamb (incl. goat meat). Excludes lard, tallow, and offals. Figures relate to commercial and farm slaughter.

<sup>2</sup> Beet and cane. Figures expressed generally in terms of raw sugar.

<sup>3</sup> For 1964. <sup>4</sup> Excludes China (mainland).

<sup>5</sup> Excludes Alaska and Hawaii.

<sup>6</sup> None or negligible quantity.

<sup>7</sup> For year beginning July 1. <sup>8</sup> For 1963.

<sup>9</sup> Includes fat. Czechoslovakia also includes offals.

<sup>10</sup> Includes Luxembourg.

<sup>11</sup> Includes meat equivalent of live animals exported. New Zealand and Rhodesia for years ending Sept. 30.

<sup>12</sup> Grades of sugar unknown.

<sup>13</sup> Commercial production.

<sup>14</sup> Average of less than 5 years. <sup>15</sup> For 1959.

<sup>16</sup> For 1950. <sup>17</sup> Includes meat equivalent of live animals imported. <sup>18</sup> Crop year.

<sup>19</sup> Includes the Saar. <sup>20</sup> For 1949.

<sup>21</sup> Based on trade estimates.

<sup>22</sup> Inspected production. <sup>23</sup> For 1961.

<sup>24</sup> For year beginning Mar. 21.

<sup>25</sup> Includes Ryukyu Islands. <sup>26</sup> For 1948.

<sup>27</sup> Azores and Madeira only.

<sup>28</sup> Year ending June 30. <sup>29</sup> On farms and estates.

<sup>30</sup> Includes Swaziland. <sup>31</sup> Slaughtered weight.

<sup>32</sup> Includes edible offals.

Source: Statistical Office of the United Nations, *Statistical Yearbook*; and Food and Agriculture Organization of the United Nations, *Production Yearbook*.



## NO. 1274. LABOR FORCE, ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS

[Except as otherwise noted, data for economically active population are for a specified date in 1960 or 1961 and all other data are for 1965. See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	Econom- ically active popula- tion <sup>1</sup>	Produc- tion of electric energy <sup>2</sup>	Consump- tion of sources of energy <sup>3</sup> (coal equiv- alent)	MANUFACTURING <sup>4</sup>		Imports <sup>7</sup>	Exports <sup>7</sup>
				Establis- hments <sup>5</sup>	Persons engaged <sup>6</sup>		
World total .....	1,000 (NA)	Million kw.-hr. 3,339,700	1,000 short tons 5,767,000	Number (NA)	1,000 (NA)	Mil. dol. <sup>8</sup> 196,800	Mil. dol. <sup>8</sup> 186,300
United States <sup>9</sup> .....	<sup>10</sup> 69,877	<sup>11</sup> 1,157,391	1,973,522	<sup>12</sup> <sup>13</sup> 311,784	<sup>12</sup> <sup>13</sup> , <sup>14</sup> 16,948	<sup>15</sup> 21,347	<sup>16</sup> 27,057
Argentina .....	7,599	14,979	33,047	(NA)	(NA)	1,200	1,493
Australia .....	<sup>10</sup> 4,225	<sup>17</sup> 35,684	60,043	<sup>17</sup> <sup>18</sup> 60,664	<sup>17</sup> <sup>18</sup> 253	<sup>15</sup> 3,315	2,922
Austria .....	3,370	22,241	21,032	(NA)	<sup>14</sup> <sup>19</sup> 887	2,101	1,600
Belgium .....	3,512	21,706	<sup>20</sup> 51,015	<sup>21</sup> 99,310	<sup>21</sup> <sup>22</sup> 1,155	<sup>20</sup> 6,374	<sup>20</sup> 6,382
Bolivia .....	(NA)	554	750	(NA)	<sup>12</sup> <sup>14</sup> <sup>23</sup> 13	122	107
Brazil .....	(NA)	30,128	31,438	<sup>24</sup> <sup>25</sup> 108,163	<sup>24</sup> <sup>25</sup> 1,752	1,096	1,596
Bulgaria .....	(NA)	10,244	23,237	(NA)	793	<sup>15</sup> 1,178	1,179
Burma .....	(NA)	<sup>26</sup> 570	1,268	<sup>21</sup> <sup>27</sup> 2,887	<sup>21</sup> <sup>27</sup> 139	247	226
Canada .....	6,510	<sup>11</sup> 144,274	165,380	<sup>12</sup> 33,133	<sup>12</sup> 1,443	<sup>15</sup> 7,986	8,107
Ceylon .....	(NA)	421	1,422	(NA)	(NA)	310	409
Chile .....	2,389	6,131	10,285	<sup>26</sup> <sup>27</sup> 3,649	<sup>14</sup> <sup>26</sup> <sup>27</sup> 236	604	688
China (Taiwan) .....	(NA)	6,627	8,973	<sup>21</sup> 52,152	<sup>21</sup> 446	<sup>16</sup> 556	450
Colombia .....	(NA)	<sup>26</sup> 5,916	10,604	<sup>26</sup> <sup>28</sup> 11,674	<sup>26</sup> <sup>28</sup> 284	454	539
Costa Rica .....	<sup>12</sup> 395	618	485	<sup>19</sup> 5,808	<sup>19</sup> 33	178	112
Cuba .....	(NA)	3,700	7,992	(NA)	(NA)	865	686
Czechoslovakia .....	<sup>19</sup> <sup>29</sup> 6,069	34,190	88,593	(NA)	2,315	<sup>15</sup> 2,672	2,689
Denmark .....	2,094	<sup>11</sup> <sup>30</sup> 7,957	21,881	<sup>26</sup> 6,755	<sup>22</sup> <sup>26</sup> 403	2,822	2,320
Dominican Republic .....	(NA)	<sup>12</sup> 452	772	<sup>12</sup> <sup>25</sup> 2,349	<sup>12</sup> <sup>14</sup> <sup>25</sup> 114	<sup>15</sup> 92	123
Ecuador .....	<sup>10</sup> 1,484	572	1,190	<sup>12</sup> <sup>28</sup> 639	<sup>12</sup> <sup>28</sup> 33	<sup>15</sup> 152	<sup>26</sup> 148
El Salvador .....	807	418	540	<sup>21</sup> 19,357	<sup>21</sup> 24	201	189
Ethiopia .....	(NA)	<sup>31</sup> 238	265	<sup>26</sup> <sup>32</sup> 248	<sup>26</sup> <sup>32</sup> 46	151	117
Finland .....	2,033	14,612	13,625	<sup>26</sup> <sup>33</sup> 6,069	<sup>26</sup> <sup>28</sup> 402	1,646	1,427
France .....	<sup>19</sup> 19,712	<sup>11</sup> 101,442	159,207	<sup>19</sup> 503,525	<sup>19</sup> 5,337	10,339	10,051
Germany, Eastern .....	(NA)	53,611	102,482	<sup>33</sup> 73,580	<sup>14</sup> <sup>33</sup> 2,469	<sup>15</sup> <sup>34</sup> 2,546	<sup>34</sup> 2,776
Germany, F.R. ....	25,763	168,762	275,589	<sup>33</sup> <sup>35</sup> 55,530	<sup>22</sup> <sup>33</sup> <sup>35</sup> 7,698	17,472	17,892
Ghana .....	2,725	528	893	<sup>36</sup> 201	<sup>36</sup> 37	448	291
Greece .....	3,639	<sup>11</sup> 4,360	7,385	<sup>12</sup> 122,332	<sup>12</sup> 494	1,134	328
Guatemala .....	(NA)	480	893	(NA)	(NA)	229	187
Haiti .....	(NA)	<sup>26</sup> 71	165	(NA)	(NA)	36	36
Honduras .....	568	150	386	<sup>19</sup> <sup>32</sup> 510	<sup>19</sup> <sup>32</sup> 16	<sup>13</sup> 122	129
Hungary .....	4,876	11,176	31,460	(NA)	1,117	1,521	1,510
Iceland .....	(NA)	710	838	<sup>24</sup> 1,246	<sup>24</sup> 15	137	129
India .....	188,572	<sup>26</sup> <sup>30</sup> 33,129	92,363	<sup>12</sup> <sup>37</sup> 35,639	<sup>12</sup> <sup>22</sup> <sup>37</sup> 753	2,811	1,688
Iraq .....	(NA)	(NA)	5,291	<sup>26</sup> <sup>27</sup> 1,197	<sup>26</sup> <sup>27</sup> 80	450	882
Ireland .....	1,108	<sup>30</sup> <sup>38</sup> 3,537	<sup>39</sup> 7,231	<sup>12</sup> <sup>40</sup> 3,083	<sup>12</sup> <sup>40</sup> 171	1,040	627
Israel .....	752	4,145	6,327	24,403	219	814	406
Italy .....	20,097	79,228	101,611	<sup>21</sup> 605,750	<sup>21</sup> <sup>22</sup> 4,492	7,347	7,188
Japan .....	44,028	<sup>30</sup> 192,138	192,541	<sup>12</sup> 619,703	<sup>12</sup> 10,462	8,170	8,452
Korea, Republic of ..	7,543	<sup>26</sup> 2,966	13,911	<sup>32</sup> 17,458	<sup>32</sup> 424	16,450	175
Lebanon .....	(NA)	765	2,105	<sup>21</sup> <sup>28</sup> 2,032	<sup>21</sup> <sup>28</sup> 35	<sup>26</sup> 428	<sup>26</sup> 62
Liberia .....	(NA)	278	309	(NA)	(NA)	111	<sup>26</sup> 143
Luxembourg .....	130	2,305	( <sup>20</sup> )	<sup>13</sup> <sup>26</sup> 262	<sup>13</sup> <sup>26</sup> 39	( <sup>20</sup> )	( <sup>20</sup> )
Mexico .....	11,332	17,253	45,977	<sup>24</sup> 100,458	<sup>24</sup> 961	1,560	1,146
Netherlands .....	4,169	25,010	44,324	(NA)	<sup>19</sup> <sup>41</sup> 1,360	7,472	6,393
New Zealand .....	<sup>10</sup> 895	<sup>30</sup> <sup>38</sup> 10,578	7,363	<sup>17</sup> <sup>42</sup> 9,753	<sup>17</sup> <sup>42</sup> 211	1,052	1,006
Nicaragua .....	<sup>12</sup> 477	311	430	<sup>12</sup> <sup>43</sup> 1,272	<sup>12</sup> <sup>14</sup> <sup>43</sup> 19	160	149
Norway .....	1,406	<sup>11</sup> 48,950	14,727	<sup>26</sup> 18,520	<sup>22</sup> <sup>26</sup> 364	2,210	1,443
Pakistan .....	30,206	<sup>38</sup> 3,962	10,152	<sup>17</sup> <sup>24</sup> <sup>44</sup> 3,465	<sup>14</sup> <sup>17</sup> <sup>24</sup> <sup>44</sup> 57	1,043	528
Panama .....	337	<sup>38</sup> 378	1,532	<sup>26</sup> <sup>28</sup> 616	<sup>26</sup> <sup>28</sup> 14	<sup>15</sup> 190	78
Paraguay .....	(NA)	136	287	(NA)	(NA)	<sup>15</sup> 44	57
Peru .....	3,125	3,839	7,540	<sup>12</sup> <sup>28</sup> 4,151	<sup>12</sup> <sup>28</sup> 163	719	669
Philippines .....	<sup>45</sup> 8,536	4,959	7,441	<sup>19</sup> <sup>28</sup> 8,469	<sup>19</sup> <sup>28</sup> 279	894	768
Poland .....	13,907	43,801	121,673	46,657	3,107	<sup>15</sup> 2,340	2,228
Portugal .....	3,424	4,634	5,280	<sup>26</sup> 6,924	<sup>26</sup> 293	924	576
Romania .....	(NA)	17,215	42,670	1,065	1,409	1,077	1,102
South Africa .....	5,692	<sup>17</sup> 31,798	59,988	<sup>10</sup> <sup>46</sup> 11,412	<sup>19</sup> <sup>46</sup> 752	<sup>15</sup> 2,453	1,468

See footnotes at end of table.

## No. 1274. LABOR FORCE, ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS—Con.

[See headnote, page 878]

COUNTRY	Economically active population <sup>1</sup>	Production of electric energy <sup>2</sup>	Consumption of sources of energy <sup>3</sup> (coal equivalent)	MANUFACTURING <sup>4</sup>		Imports <sup>7</sup>	Exports <sup>7</sup>
				Establishments <sup>5</sup>	Persons engaged <sup>6</sup>		
	1,000	Million kw.-hr.	1,000 short tons	Number	1,000	Mil. dol.	Mil. dol.
Spain.....	11,634	<sup>47</sup> 31,650	<sup>48</sup> 35,792	<sup>25</sup> 126,961	<sup>28</sup> 1,805	3,025	964
Sweden.....	3,244	49,102	38,416	<sup>26</sup> <sup>32</sup> 15,926	<sup>26</sup> <sup>32</sup> 967	4,375	3,968
Switzerland.....	2,512	<sup>11</sup> <sup>31</sup> 24,462	17,483	(NA)	(NA)	3,696	2,959
Syria.....	986	616	1,775	<sup>24</sup> 26,493	(NA)	212	168
Thailand.....	13,837	1,406	3,715	(NA)	<sup>12</sup> 230	726	627
Tunisia.....	(NA)	494	1,036	<sup>19</sup> 1,234	<sup>19</sup> 23	245	120
Turkey.....	12,993	4,941	12,026	<sup>27</sup> 2,984	<sup>14</sup> <sup>27</sup> 364	577	459
U.S.S.R.....	(NA)	506,709	<sup>39</sup> 918,005	(NA)	27,056	<sup>15</sup> 8,053	8,166
United Arab Republic.....	7,769	5,474	9,811	<sup>24</sup> 85,747	<sup>24</sup> 397	934	605
United Kingdom.....	(NA)	196,027	310,929	(NA)	<sup>12</sup> <sup>40</sup> 7,898	15,519	13,227
Uruguay.....	<sup>12</sup> 1,016	<sup>38</sup> 1,850	2,745	<sup>24</sup> <sup>25</sup> 27,642	<sup>14</sup> <sup>24</sup> <sup>25</sup> 207	151	191
Venezuela.....	2,407	8,241	28,594	<sup>12</sup> 22,206	<sup>12</sup> 181	<sup>15</sup> 1,201	2,784
Yugoslavia.....	8,340	15,523	25,640	<sup>26</sup> 123,454	<sup>26</sup> 1,472	1,288	1,091

NA Not available.

<sup>1</sup> Includes unemployed, except as noted.<sup>2</sup> Comprises utilities generating primarily for public use, plus industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses.<sup>3</sup> Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro-electricity.<sup>4</sup> Relates to production, including repair work in factories; generally excludes mining, building and construction, and public utilities.<sup>5</sup> Coverage varies widely. For most countries, refers to single plants or factories with more than a specified number of employees, as noted. For additional or alternative qualifications, see source.<sup>6</sup> Comprises average number of paid employees, working proprietors, unpaid family workers, and homeworkers, except as noted.<sup>7</sup> Covers merchandise including silver (except current coin); excludes gold and issued paper currency. Imports generally valued c.i.f.; exports, f.o.b. Generally, postal and governmental trade included, war reparations and restitutions excluded. See source for "general trade" or "special trade" category distinctions. Roughly half the countries fall into each category, thus affecting comparability.<sup>8</sup> Excludes trade of China (mainland), Mongolia, North Korea, and North Viet-Nam with one another.<sup>9</sup> Imports and exports include Puerto Rico.<sup>10</sup> Excludes Armed Forces abroad.<sup>11</sup> Net production (excluding station use).<sup>12</sup> For 1963.<sup>13</sup> Establishments with 1 or more employees.<sup>14</sup> Paid employees. <sup>15</sup> F.o.b.<sup>16</sup> Includes foreign aid. <sup>17</sup> Year ending June 30.<sup>18</sup> Establishments with 4 or more engaged.<sup>19</sup> For 1962.<sup>20</sup> Luxembourg included with Belgium.<sup>21</sup> For 1961. <sup>22</sup> Excludes homeworkers.<sup>23</sup> Principal industries. <sup>24</sup> For 1960.<sup>25</sup> Registered establishments. <sup>26</sup> For 1964.<sup>27</sup> Establishments with 10 or more employees.<sup>28</sup> Establishments with 5 or more engaged.<sup>29</sup> Excludes armed forces and unpaid family workers.<sup>30</sup> Year beginning Apr. 1.<sup>31</sup> Year ending in September.<sup>32</sup> Establishments with 5 or more employees.<sup>33</sup> Establishments with 10 or more engaged.<sup>34</sup> Excludes trade with Federal Republic of Germany.<sup>35</sup> Includes the Saar.<sup>36</sup> Establishments with 30 or more engaged.<sup>37</sup> Establishments with 10-49 workers if using power or 20-99 workers if not using power.<sup>38</sup> Public utility plants only. <sup>39</sup> Includes peat.<sup>40</sup> Establishments with 3 or more engaged.<sup>41</sup> Man-years.<sup>42</sup> Establishments with 2 or more engaged.<sup>43</sup> Establishments with annual value of production exceeding 12,000 córdobas.<sup>44</sup> Establishments with 20 or more employees.<sup>45</sup> Excludes persons in institutions and armed forces.<sup>46</sup> Private establishments with 3 or more engaged.<sup>47</sup> Includes Canary Islands and possessions in North Africa.<sup>48</sup> Includes Canary Islands and Ceuta.<sup>49</sup> Excludes homeworkers and unpaid family workers.Source: Statistical Office of the United Nations; *Statistical Yearbook* and *Demographic Yearbook*.



## No. 1275. COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL: 1965

[See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
	Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore <sup>4</sup> (iron content)	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
	1,000 short tons	1,000 barrels	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds (NA)
<b>World total</b> .....	2,255,200	11,317,147	477,300	<sup>8</sup> 336,300	(NA)	<sup>9</sup> 488,700	(NA)	(NA)
United States.....	523,911	2,848,512	71,736	<sup>10</sup> 55,564	24,790	131,462	140,747	1,446
Algeria.....	50	203,123	815	1,804	<sup>11</sup> 36	(NA)	279	51
Angola.....	(NA)	4,680	271	561	(NA)	(NA)	(NA)	(NA)
Argentina.....	412	98,272	3,643	50	179	<sup>12</sup> 1,499	2,798	251
Australia.....	<sup>13</sup> 35,173	2,635	4,190	4,782	<sup>14</sup> 1,807	6,063	6,440	1,133
Austria.....	65	19,310	4,458	1,224	<sup>11</sup> 239	3,551	2,291	631
Belgium.....	21,810	(NA)	<sup>15</sup> 6,509	30	1,640	10,107	<sup>16</sup> 3,560	<sup>16</sup> 728
Bolivia.....	(NA)	3,321	66	(NA)	(NA)	(NA)	(NA)	(NA)
Brazil.....	1,941	34,424	6,112	13,612	<sup>11</sup> 17 320	<sup>15</sup> 3,192	3,460	86
Bulgaria.....	608	1,717	2,955	645	351	648	1,376	335
Burma.....	<sup>11</sup> 11	4,057	132	2	(NA)	(NA)	(NA)	(NA)
Canada.....	9,525	293,803	8,448	<sup>19</sup> 23,874	2,165	10,029	11,481	1,171
Ceylon.....	(NA)	(NA)	95	(NA)	(NA)	(NA)	89	15
Chile.....	1,744	12,705	1,310	8,550	<sup>17</sup> <sup>20</sup> 143	<sup>12</sup> 486	664	154
China (mainland).....	<sup>21</sup> <sup>22</sup> 462,971	<sup>22</sup> 41,186	12,125	<sup>23</sup> 42,990	<sup>24</sup> 1,213	16,535	<sup>25</sup> 12,069	<sup>25</sup> 31
China (Taiwan).....	5,571	132	2,694	(NA)	206	287	690	110
Colombia.....	3,527	73,194	2,263	386	<sup>11</sup> 17	<sup>12</sup> 225	475	53
Cuba.....	(NA)	283	883	( <sup>26</sup> )	(NA)	(NA)	224	60
Czechoslovakia.....	30,568	1,296	6,298	797	1,028	9,478	8,182	1,155
Denmark.....	(NA)	(NA)	2,215	(NA)	<sup>11</sup> <sup>27</sup> 19	454	1,895	796
Dominican Republic.....	(NA)	(NA)	234	<sup>22</sup> 90	(NA)	(NA)	(NA)	(NA)
Ecuador.....	(NA)	2,918	358	(NA)	(NA)	(NA)	(NA)	(NA)
El Salvador.....	(NA)	(NA)	89	(NA)	(NA)	(NA)	(NA)	(NA)
Finland.....	(NA)	(NA)	1,935	473	422	400	1,334	578
France.....	56,601	20,882	24,704	21,324	3,214	21,610	17,825	730
Germany, Eastern.....	2,438	(NA)	6,710	539	1,086	<sup>12</sup> 4,288	8,249	968
Germany, Fed. Rep. of.....	149,323	55,715	37,625	<sup>28</sup> 2,814	<sup>28</sup> 4,135	<sup>28</sup> 40,588	35,148	1,190
Greece.....	(NA)	(NA)	3,540	<sup>29</sup> 19	<sup>11</sup> 100	231	796	187
Guatemala.....	(NA)	(NA)	255	(NA)	(NA)	(NA)	(NA)	(NA)
Hungary.....	4,808	12,454	2,627	206	433	2,778	2,463	485
India.....	74,032	22,631	11,660	15,729	746	<sup>12</sup> 7,069	8,288	35
Indonesia.....	430	177,039	402	(NA)	(NA)	(NA)	353	7
Iran.....	<sup>29</sup> 303	699,772	<sup>13</sup> 821	<sup>29</sup> 33	(NA)	(NA)	783	66
Iraq.....	(NA)	482,767	1,416	(NA)	(NA)	(NA)	235	57
Ireland.....	196	(NA)	1,366	(NA)	<sup>30</sup> 142	22	256	179
Israel.....	(NA)	1,466	1,389	(NA)	172	93	529	412
Italy.....	429	17,096	22,304	449	3,284	13,955	13,339	518
Japan.....	54,602	4,724	36,033	<sup>31</sup> 1,573	6,235	45,372	31,792	648
Korea, North.....	16,424	(NA)	2,646	<sup>32</sup> 6,504	(NA)	1,356	(NA)	(NA)
Korea, Republic of.....	11,296	(NA)	1,781	406	<sup>19</sup>	<sup>12</sup> 190	(NA)	(NA)
Kuwait.....	(NA)	<sup>33</sup> 797,528	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Lebanon.....	(NA)	(NA)	1,069	<sup>22</sup> 4	(NA)	(NA)	279	245
Liberia.....	(NA)	(NA)	(NA)	<sup>34</sup> 11,321	(NA)	(NA)	(NA)	(NA)
Libya.....	(NA)	<sup>34</sup> 443,129	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Luxembourg.....	(NA)	(NA)	245	2,088	(NA)	5,054	( <sup>16</sup> )	( <sup>16</sup> )
Malaysia.....	(NA)	<sup>35</sup> 365	<sup>36</sup> 814	4,310	(NA)	(NA)	405	101
Mexico.....	1,039	117,927	4,764	1,756	560	<sup>12</sup> 2,649	3,010	141
Morocco.....	462	761	871	625	<sup>17</sup> 44	(NA)	184	29
Netherlands.....	12,617	16,737	3,277	(NA)	1,202	3,459	4,242	690
New Zealand.....	743	6	928	1	(NA)	(NA)	696	527
Nigeria.....	816	100,178	1,084	(NA)	(NA)	(NA)	344	13
Norway.....	<sup>37</sup> 480	(NA)	1,702	1,723	131	756	1,498	805
Pakistan.....	<sup>21</sup> 1,357	3,937	1,882	9	25	<sup>12</sup> 14	912	18
Panama.....	(NA)	(NA)	182	(NA)	(NA)	(NA)	(NA)	(NA)
Peru.....	93	23,071	1,128	4,561	43	89	440	75
Philippines.....	105	(NA)	1,685	967	<sup>17</sup> 44	(NA)	843	53
Poland.....	<sup>38</sup> 130,989	2,516	10,552	869	1,171	10,018	9,401	597

See footnotes at end of table.

**No. 1275. COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL: 1965—Continued**

[See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
	Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore <sup>4</sup> (iron content)	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
	1,000 short tons	1,000 barrels	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds
Portugal.....	472	(NA)	1,851	107	445	305	748	163
Qatar.....	(NA)	84,076	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rhodesia, Southern.....	3,868	(NA)	276	908	(NA)	121	281	132
Romania.....	6,654	94,127	5,959	825	596	3,777	4,319	454
Saudi Arabia.....	(NA)	<sup>33</sup> 747,618	279	(NA)	(NA)	(NA)	342	104
South Africa.....	53,400	( <sup>26</sup> )	4,279	4,203	(NA)	3,570	4,637	463
Spain.....	14,528	<sup>22</sup> <sup>39</sup> 447	<sup>15</sup> 10,969	3,128	1,929	3,814	6,770	428
Sweden.....	65	<sup>39</sup> 365	4,099	19,414	<sup>11</sup> 578	5,208	5,811	1,504
Switzerland.....	(NA)	(NA)	4,452	50	<sup>11</sup> 175	380	2,202	736
Syria.....	(NA)	(NA)	743	(NA)	(NA)	(NA)	99	35
Thailand.....	(NA)	(NA)	1,378	513	(NA)	7	498	33
Trucial Oman.....	(NA)	<sup>40</sup> 102,593	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tunisia.....	(NA)	(NA)	500	671	(NA)	(NA)	161	68
Turkey.....	4,839	10,252	3,668	966	22	640	945	60
U.S.S.R.....	471,658	1,818,708	79,794	98,075	9,389	100,333	95,465	829
United Arab Rep.....	(NA)	44,840	2,670	280	214	182	859	57
United Kingdom.....	<sup>41</sup> 209,999	635	18,767	4,662	3,702	30,246	25,498	935
Uruguay.....	(NA)	(NA)	475	(NA)	(NA)	14	71	53
Venezuela.....	34	1,274,798	2,328	11,953	<sup>11</sup> 58	689	1,323	304
Viet-Nam, North.....	3,858	(NA)	827	(NA)	(NA)	(NA)	43	4
Viet-Nam, Rep. of.....	83	(NA)	(NA)	(NA)	(NA)	(NA)	158	20
Yugoslavia.....	1,314	14,580	3,420	996	480	1,950	2,691	276

NA Not available.

<sup>1</sup> Excludes lignite and brown coal, except as noted.

<sup>2</sup> Source presents data in metric tons. Conversion to barrels allows for differences in specific gravity of petroleum. Figures refer to crude petroleum including shale oil, but excluding natural gasoline.

<sup>3</sup> Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgic, aluminous, natural, etc.).

<sup>4</sup> Refers generally to iron content of marketable ores mined, including manganiferous iron ores but excluding pyrites. Some data are rough estimates obtained by applying a fixed percentage to figures for crude ore production.

<sup>5</sup> Data expressed in terms of pure (monohydrate) sulfuric acid and include sulfuric acid equivalent of oleum or "fuming" acid.

<sup>6</sup> Total production of crude steel, both ingots and steel for castings. Excludes wrought (puddled) iron.

<sup>7</sup> Data represent apparent consumption (i.e., production plus imports minus exports) and do not take into account changes in stocks.

<sup>8</sup> Excludes China (mainland) and North Korea. <sup>9</sup> Excludes China (mainland).

<sup>10</sup> Excludes manganiferous iron ores containing 5 percent or more of manganese. <sup>11</sup> For 1964.

<sup>12</sup> Ingots only. <sup>13</sup> Includes wastes. <sup>14</sup> Year ending June 30. <sup>15</sup> Excludes natural cement.

<sup>16</sup> Luxembourg included with Belgium. <sup>17</sup> Strength of acid not reported. <sup>18</sup> Excludes alloy steels.

<sup>19</sup> Shipment from mines. <sup>20</sup> For 1963. <sup>21</sup> Includes lignite. <sup>22</sup> For 1960.

<sup>23</sup> Approximate production, crude ore (iron content 50-60 percent). <sup>24</sup> For 1959. <sup>25</sup> Includes Manchuria.

<sup>26</sup> None or negligible. <sup>27</sup> Excludes sulfuric acid for superphosphate production. <sup>28</sup> Includes the Saar.

<sup>29</sup> Year beginning in March. <sup>30</sup> For 1961. <sup>31</sup> Includes iron content of iron sand.

<sup>32</sup> Approximate production, crude ore (iron content not available).

<sup>33</sup> Production in "Neutral Zone" shared by Kuwait and Saudi Arabia amounted to 132,287 barrels.

<sup>34</sup> Exports. <sup>35</sup> Sarawak only. <sup>36</sup> West Malaysia only. <sup>37</sup> Svalbard; Norwegian-operated mines only.

<sup>38</sup> Includes slurry and middlings. <sup>39</sup> Shale oil. <sup>40</sup> Refers to Sheikdom of Abu Dhabi.

<sup>41</sup> Great Britain only. Excludes production at quarries.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1276. MILK, BEER, CIGARETTES, FISH, COTTON SPINDLES, AND YARN: 1965

[See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION			Fish catches <sup>3</sup>	Cotton spinning spindles <sup>4</sup>	YARN PRODUCTION		
	Milk <sup>1</sup>	Beer <sup>2</sup>	Cigarettes and cigarillos			Cotton <sup>5</sup>	Wool <sup>6</sup>	Rayon and acetate <sup>7</sup>
	1,000 sh. tons	1,000 gal.	Millions	1,000 sh. tons	1,000	1,000 sh. tons (NA)	1,000 sh. tons (NA)	1,000 sh. tons 1,510
World total .....	408,000	13,208,600	2,322,000	57,800	130,500	(NA)	(NA)	1,510
United States .....	62,531	3,348,747	563,164	2,977	19,363	10 2,089.2	274.4	412.5
Algeria .....	<sup>11</sup> 542	8,348	4,899	20	178	1.7	0.3	(NA)
Argentina .....	5,107	65,833	26,298	226	1,050	107.8	(NA)	15.4
Australia .....	<sup>9</sup> 7,797	<sup>9</sup> 330,143	<sup>9</sup> 21,777	<sup>9</sup> 88	<sup>12</sup> 269	<sup>9</sup> 10 29.5	<sup>9</sup> 27.1	7.5
Austria .....	<sup>13</sup> 3,586	182,177	10,393	(NA)	518	26.9	<sup>14</sup> 14.2	8.6
Belgium .....	4,332	296,725	16,150	66	1,337	93.9	71.2	15.0
Bolivia .....	(NA)	5,733	515	(NA)	(NA)	<sup>11</sup> 0.3	(NA)	(NA)
Brazil .....	6,980	<sup>11</sup> 174,490	57,900	<sup>11</sup> 365	3,598	<sup>15</sup> 110.3	<sup>16</sup> 12.6	32.4
Bulgaria .....	1,530	45,359	32,150	(NA)	710	66.8	(NA)	(NA)
Burma .....	<sup>17</sup> 308	(NA)	1,050	<sup>18</sup> 397	98	<sup>11</sup> <sup>19</sup> <sup>20</sup> 5.5	(NA)	(NA)
Canada .....	9,170	<sup>21</sup> 357,935	43,011	1,387	824	<sup>10</sup> 92.0	<sup>11</sup> 20.0	29.3
Ceylon .....	<sup>11</sup> 203	1,717	2,044	<sup>22</sup> 104	53	<sup>11</sup> 2.4	(NA)	(NA)
Chile .....	<sup>21</sup> 920	43,563	6,665	<sup>18</sup> 781	290	<sup>23</sup> <sup>24</sup> 30.3	(NA)	2.1
China (mainland) .....	(NA)	(NA)	(NA)	<sup>25</sup> 6,393	11,800	<sup>25</sup> 1,799.6	(NA)	17.5
China (Taiwan) .....	(NA)	5,310	13,665	421	553	60.5	3.9	2.5
Colombia .....	2,362	<sup>11</sup> 175,124	17,650	<sup>11</sup> 59	600	<sup>11</sup> 6.2	<sup>11</sup> 2.6	5.2
Congo, Dem. Rep. ....	<sup>26</sup> 13	53,285	2,796	56	76	(NA)	(NA)	(NA)
Costa Rica .....	<sup>27</sup> 84	<sup>24</sup> <sup>28</sup> 2,272	<sup>16</sup> <sup>28</sup> 1,101	(NA)	(NA)	(NA)	(NA)	(NA)
Cuba .....	<sup>29</sup> 1,306	26,233	16,462	44	140	(NA)	(NA)	0.5
Czechoslovakia .....	<sup>13</sup> 4,590	496,681	19,320	(NA)	2,102	<sup>10</sup> 119.2	46.0	24.9
Denmark .....	5,916	<sup>11</sup> 133,595	<sup>11</sup> 6,823	927	55	<sup>11</sup> 10.0	<sup>11</sup> 5.1	(NA)
Dominican Republic ..	(NA)	<sup>11</sup> 7,978	<sup>11</sup> 1,829	(NA)	(NA)	<sup>29</sup> 0.1	(NA)	(NA)
Ecuador .....	<sup>11</sup> 441	9,088	644	59	125	<sup>24</sup> 0.9	<sup>24</sup> 0.2	(NA)
El Salvador .....	(NA)	3,514	1,167	(NA)	110	5.0	(NA)	(NA)
Ethiopia .....	<sup>24</sup> 2,640	<sup>11</sup> <sup>23</sup> 4,148	<sup>11</sup> <sup>28</sup> 441	<sup>19</sup> <sup>24</sup> 10	122	<sup>19</sup> <sup>29</sup> 15.0	(NA)	(NA)
Finland .....	4,150	33,471	<sup>30</sup> 6,509	81	209	19.1	<sup>11</sup> 6.5	1.1
France .....	<sup>13</sup> <sup>31</sup> 28,375	522,940	55,429	846	4,299	<sup>10</sup> 293.8	143.0	60.4
Germany, Eastern .....	<sup>13</sup> <sup>32</sup> 6,063	360,154	<sup>30</sup> 18,206	<sup>11</sup> 248	1,586	<sup>10</sup> <sup>33</sup> 87.1	34.6	32.7
Germany, Fed. Rep. ....	<sup>13</sup> 23,452	1,781,590	<sup>30</sup> 68,162	697	<sup>34</sup> 5,091	<sup>10</sup> 423.6	131.0	86.5
Greece .....	1,190	<sup>24</sup> 9,537	14,134	<sup>22</sup> 137	475	35.8	13.3	3.1
Guatemala .....	<sup>29</sup> 171	5,970	2,303	(NA)	(NA)	(NA)	(NA)	(NA)
Guyana .....	22	1,294	365	13	(NA)	(NA)	(NA)	(NA)
Honduras .....	<sup>11</sup> 157	5,019	<sup>11</sup> 1,195	(NA)	(NA)	(NA)	(NA)	(NA)
Hungary .....	<sup>13</sup> 2,024	117,295	18,478	27	<sup>35</sup> 670	78.4	18.4	0.9
Iceland .....	141	555	(NA)	1,322	(NA)	(NA)	<sup>11</sup> 0.6	(NA)
India .....	<sup>17</sup> 23,075	4,491	54,134	1,468	<sup>35</sup> 15,880	<sup>19</sup> 1,035.3	20.0	49.3
Indonesia .....	<sup>17</sup> 35	<sup>29</sup> 5,099	<sup>29</sup> 23,084	<sup>24</sup> 1,032	425	<sup>29</sup> 8.4	(NA)	(NA)
Iran .....	<sup>25</sup> 2,337	(NA)	<sup>30</sup> <sup>36</sup> 9,558	(NA)	<sup>37</sup> 688	(NA)	(NA)	(NA)
Iraq .....	<sup>25</sup> 991	<sup>21</sup> <sup>29</sup> 1,004	<sup>24</sup> 4,761	(NA)	54	<sup>26</sup> 3.0	<sup>11</sup> 0.3	(NA)
Ireland .....	3,466	<sup>28</sup> 91,406	5,624	<sup>18</sup> <sup>22</sup> 39	(NA)	6.3	8.3	<sup>29</sup> <sup>33</sup> 0.4
Israel .....	<sup>13</sup> <sup>23</sup> 437	7,423	3,116	<sup>19</sup> 21	314	24.7	4.7	(NA)
Italy .....	11,198	120,122	58,235	<sup>22</sup> 350	4,424	191.8	175.6	94.1
Japan .....	3,558	529,888	<sup>21</sup> 778,792	7,583	12,728	605.6	171.1	147.9
Jordan .....	<sup>11</sup> 73	238	1,164	(NA)	(NA)	(NA)	(NA)	(NA)
Kenya .....	<sup>9</sup> <sup>30</sup> <sup>40</sup> 259	13,077	1,669	26	(NA)	(NA)	(NA)	(NA)
Korea, Rep. of .....	<sup>24</sup> 8	11,148	26,472	<sup>11</sup> 621	629	72.4	5.1	(NA)
Lebanon .....	<sup>11</sup> 74	<sup>26</sup> 872	<sup>11</sup> 1,475	(NA)	95	3.9	(NA)	(NA)
Luxembourg .....	213	13,526	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Mexico .....	<sup>32</sup> 2,616	270,703	34,525	283	1,647	<sup>29</sup> 55.3	<sup>20</sup> 2.1	<sup>41</sup> 22.0
Morocco .....	<sup>24</sup> 784	<sup>42</sup> 5,838	<sup>11</sup> 4,100	237	(NA)	5.2	2.0	(NA)
Netherlands .....	7,873	142,709	<sup>30</sup> 17,000	<sup>13</sup> <sup>22</sup> 416	906	77.5	22.9	43.2
New Zealand .....	<sup>43</sup> 6,612	73,653	4,135	<sup>11</sup> 49	(NA)	(NA)	<sup>21</sup> 7.5	(NA)
Nicaragua .....	(NA)	3,012	1,008	(NA)	(NA)	(NA)	(NA)	(NA)
Norway .....	1,875	29,667	<sup>31</sup> 1,152	2,513	95	5.4	7.2	0.7
Pakistan .....	<sup>29</sup> 6,990	449	22,009	418	2,700	<sup>19</sup> 252.4	<sup>11</sup> 3.0	(NA)
Panama .....	<sup>21</sup> <sup>26</sup> 56	7,714	<sup>11</sup> 796	(NA)	(NA)	(NA)	(NA)	(NA)
Paraguay .....	91	2,061	12	(NA)	(NA)	<sup>11</sup> 11.6	(NA)	(NA)
Peru .....	580	45,597	2,294	8,225	230	19.4	5.0	2.0

See footnotes at end of table.

# No. 1276. MILK, BEER, CIGARETTES, FISH, COTTON SPINDLES, AND YARN: 1965— Continued

[See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION			Fish catches <sup>3</sup>	Cotton spinning spindles <sup>4</sup>	YARN PRODUCTION		
	Milk <sup>1</sup>	Beer <sup>2</sup>	Cigarettes and cigarillos			Cotton <sup>5</sup>	Wool <sup>6</sup>	Rayon and acetate <sup>7</sup>
	1,000 sh. tons (NA)	1,000 gal. <sup>17</sup> 26,444	Millions 27,664	1,000 sh. tons 756	1,000 654	1,000 sh. tons <sup>23</sup> 8.4	1,000 sh. tons (NA)	1,000 sh. tons (NA)
Philippines.....	(NA)	14,695	204,342	30 60,465	1,967	<sup>10</sup> 206.4	72.2	29.9
Poland.....	506	13,262	<sup>30</sup> 6,766	<sup>22</sup> 611	1,190	<sup>10</sup> <sup>33</sup> 86.6	<sup>11</sup> 16.0	2.6
Portugal.....	<sup>13</sup> 3,577	70,403	<sup>44</sup> 22,915	(NA)	700	<sup>10</sup> 86.3	27.3	5.2
Romania.....	<sup>11</sup> 209	2,457	1,650	145	(NA)	<sup>22</sup> 0.3	(NA)	(NA)
Senegal.....								
South Africa.....	<sup>20</sup> 2,760	45,016	<sup>9</sup> 12,236	<sup>22</sup> <sup>45</sup> 732	397	49.8	11.9	(NA)
Spain.....	<sup>11</sup> 3,349	198,054	41,895	<sup>46</sup> 1,475	2,578	136.0	36.0	<sup>33</sup> 22.7
Sweden.....	4,017	<sup>11</sup> <sup>23</sup> 79,518	<sup>11</sup> 7,679	402	238	<sup>10</sup> 20.6	11.8	8.9
Switzerland.....	3,599	116,133	19,073	(NA)	1,115	43.2	2.3	15.4
Syria.....	<sup>11</sup> 625	531	2,650	(NA)	130	19.8	0.4	<sup>27</sup> 3.5
Tanzania, Un. Rep. ....	<sup>11</sup> 209	<sup>11</sup> 1,691	1,869	<sup>24</sup> 93	(NA)	(NA)	(NA)	(NA)
Thailand.....	(NA)	(NA)	<sup>30</sup> 10,193	678	193	23.8	(NA)	(NA)
Tunisia.....	<sup>11</sup> <sup>23</sup> 224	5,231	2,690	<sup>24</sup> 23	(NA)	(NA)	(NA)	(NA)
Turkey.....	4,503	8,612	<sup>36</sup> 36,325	<sup>11</sup> 134	1,031	<sup>19</sup> 115.7	23.1	0.8
Uganda.....	<sup>11</sup> 413	4,940	1,055	80	(NA)	(NA)	(NA)	(NA)
U.S.S.R.....	79,987	837,180	304,400	549	12,707	1,424.2	259.9	181.6
United Arab Rep.....	1,264	6,367	13,412	<sup>24</sup> 115	1,416	152.9	10.8	7.8
United Kingdom.....	14,178	1,279,731	<sup>47</sup> 112,810	<sup>22</sup> 1,154	4,564	<sup>10</sup> 259.3	274.7	108.2
Uruguay.....	812	17,066	(NA)	17	167	(NA)	(NA)	1.1
Venezuela.....	734	73,415	9,549	132	286	18.7	(NA)	<sup>48</sup> 3.4
Viet-Nam, Rep. of.....	(NA)	29,826	7,635	413	110	8.5	(NA)	(NA)
Yugoslavia.....	<sup>49</sup> 2,727	79,121	26,011	<sup>22</sup> 46	850	94.8	35.1	5.1

NA Not available.

<sup>1</sup> Refers to production of milk (cow, sheep, goat, etc.) for consumption fresh or for conversion into butter, cheese, condensed milk, etc. Excludes milk sucked by, but includes milk fed to, young animals.

<sup>2</sup> Covers malt liquors (beer, ale, stout, porter, etc.) of varying specific gravity or alcoholic strength. Excludes tax-free malt beverages of very low alcoholic content.

<sup>3</sup> Covers both sea and inland fisheries, in terms of live weight. Except as noted, includes shellfish; excludes whales, dolphins, etc. Except as noted, includes landings by domestic craft in foreign ports, and excludes landings by foreign craft in domestic ports.

<sup>4</sup> In place as of Dec. 31, except as noted. Relates to 3 and 4 cylinder cotton system spinning spindles installed in cotton mills, including a number spinning rayon staple all or part of the time. Includes ring spindles only.

<sup>5</sup> Excludes tire cord yarn, except as noted.

<sup>6</sup> Refers to carded and combed (worsted) yarn.

<sup>7</sup> Refers to rayon and acetate continuous filament yarn plus monofilaments, except as noted.

<sup>8</sup> Excludes China (mainland) and North Korea. <sup>9</sup> Year ending June 30. <sup>10</sup> Includes tire cord yarn.

<sup>11</sup> For 1964. <sup>12</sup> As of June 30. <sup>13</sup> Includes milk sucked by young animals.

<sup>14</sup> Refers to 90-95 percent of total output. <sup>15</sup> Production in São Paulo only. <sup>16</sup> For 1958.

<sup>17</sup> For 1961. <sup>18</sup> Includes landings by foreign craft in domestic ports. <sup>19</sup> Factory production only.

<sup>20</sup> Government production only. <sup>21</sup> Year beginning Apr. 1.

<sup>22</sup> Excludes landings by domestic craft in foreign ports. <sup>23</sup> Commercial production. <sup>24</sup> For 1963.

<sup>25</sup> For 1960. <sup>26</sup> For 1959. <sup>27</sup> For 1957. <sup>28</sup> Year ending in September. <sup>29</sup> For 1962.

<sup>30</sup> Excludes cigarillos. <sup>31</sup> Excludes goat and sheep milk. <sup>32</sup> Excludes goat milk.

<sup>33</sup> Excludes yarn made from waste. <sup>34</sup> As of Sept. 30. <sup>35</sup> As of Aug. 31. <sup>36</sup> Year beginning in March.

<sup>37</sup> As of Mar. 21. <sup>38</sup> Includes discontinuous fibers. <sup>39</sup> Excludes milk fed to livestock.

<sup>40</sup> On farms and estates. <sup>41</sup> Includes waste. <sup>42</sup> Includes some carbonated drinks.

<sup>43</sup> Year ending May 31. <sup>44</sup> Includes cigars. <sup>45</sup> Excludes Walvis Bay.

<sup>46</sup> Includes Ceuta, Melilla, and Balearic and Canary Islands. <sup>47</sup> Sales.

<sup>48</sup> Includes acetate spun yarn. <sup>49</sup> Excludes goat and buffalo milk.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1277. GOLD AND FOREIGN EXCHANGE HOLDINGS: 1950 TO 1965

[In millions of U.S. dollars. Data refer to gross holdings of gold and short-term foreign assets of central banks, treasuries, exchange stabilization funds and other official institutions as of end of year, except as noted]

COUNTRY	GOLD HOLDINGS <sup>1</sup>				FOREIGN EXCHANGE HOLDINGS <sup>2</sup>			
	1950	1955	1960	1965	1950	1955	1960	1965
United States.....	22,820	21,753	17,804	14,065	( <sup>3</sup> )	( <sup>3</sup> )	<sup>4</sup> 116	781
Australia.....	88	144	147	231	<sup>5</sup> 1,403	691	670	1,165
Austria.....	<sup>6</sup> 50	71	293	700	<sup>6</sup> 41	290	404	539
Belgium.....	587	928	1,170	1,558	146	219	252	437
Bolivia.....	22.8	0.1	0.9	6.7	6.0	7.1	5.8	28.5
Brazil.....	318	323	287	63	348	168	58	42
Burma.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	84	119	92	124	85
Canada.....	580	1,134	885	1,151	190	776	951	1,523
Chile.....	40	44	45	44	<sup>7</sup> 14	42	66	94
Colombia.....	74	86	78	35	27	50	76	95
Costa Rica.....	2.1	2.0	2.1	2.1	1.7	17.5	10.0	17.7
Cuba.....	<sup>8</sup> 271	136	1	(NA)	147	357	143	(NA)
Denmark.....	32	69	107	97	66	64	146	431
Dominican Republic.....	4	12	10	3	15	24	15	48
Ecuador.....	19	23	20	11	19	11	17	35
El Salvador.....	23	28	30	19	18	10	3	32
Finland.....	12	35	41	84	72	183	224	191
France.....	<sup>9</sup> 597	942	1,641	4,706	<sup>9</sup> 19	970	429	753
Germany, Fed. Rep. of.....	<sup>9</sup> 28	920	2,971	4,410	<sup>9</sup> 491	2,015	3,752	1,943
Greece.....	2	11	76	78	186	190	147	158
Guatemala.....	27	27	24	22	10	27	27	46
Honduras.....	0.1	0.1	0.1	0.1	10.5	19.6	13.2	23.3
Iceland.....	1.0	1.0	1.0	1.0	7.2	12.6	11.3	50.1
India.....	247	247	247	281	1,752	1,619	423	319
Indonesia.....	209	81	58	<sup>10</sup> 35	147	226	280	<sup>10</sup> 16
Iran.....	<sup>11</sup> 139	138	130	146	<sup>11</sup> 113	67	53	87
Iraq.....	( <sup>3</sup> )	8	98	122	117	286	156	109
Ireland.....	17	18	18	21	228	313	298	378
Italy.....	256	352	2,203	2,404	622	815	980	1,462
Japan.....	<sup>12</sup> 7	23	247	328	<sup>12</sup> 557	991	1,577	1,569
Lebanon.....	20	74	119	182	<sup>12</sup> 19	13	18	67
Mexico.....	208	142	136	158	84	276	256	322
Netherlands.....	311	865	1,451	1,756	295	358	291	302
New Zealand.....	29	33	35	( <sup>3</sup> )	143	144	154	97
Nicaragua.....	2.8	2.8	0.4	0.4	0.3	11.1	8.6	56.9
Norway.....	<sup>13</sup> 50	45	30	31	72	120	252	420
Pakistan.....	27	48	52	53	<sup>14</sup> 480	246	261	168
Paraguay.....	0.2	0.2	0.1	0.1	<sup>15</sup> 12.3	5.4	0.4	7.4
Peru.....	31	35	42	67	23	17	26	98
Philippines.....	3	16	15	38	292	139	105	147
Portugal.....	192	428	552	576	279	302	242	418
South Africa.....	197	212	178	425	279	151	63	115
Spain.....	61	132	178	810	(NA)	93	363	458
Sweden.....	90	276	170	202	199	221	320	627
Switzerland.....	1,470	1,597	2,185	3,042	109	250	139	202
Thailand.....	118	112	104	96	170	189	256	624
Turkey.....	150	144	125	116	65	64	78	25
United Arab Republic.....	98	174	174	139	881	443	90	54
United Kingdom.....	<sup>16</sup> 3,300	2,012	2,801	2,265	(NA)	144	430	739
Uruguay.....	236	216	180	155	<sup>17</sup> 76	20	7	43
Venezuela.....	373	404	401	401	1	126	170	404
Yugoslavia.....	9	16	4	19	9	27	9	84

NA Not available.

<sup>1</sup> Excludes gold used in payment of a country's subscriptions to International Monetary Fund or International Bank for Reconstruction and Development. Reported in United States dollars at \$35 per fine troy ounce.

<sup>2</sup> Foreign exchange holdings ordinarily include foreign currencies, bank deposits abroad, payment and clearing agreement balances, and short-term foreign bills and securities (generally those with an original maturity of 1 year or less) and, in those instances where information is available, foreign investments held by official institutions. Excludes subscriptions to International Monetary Fund, drawing rights in the European Payments Union or the European Fund, undrawn portions of foreign loans, and similar rights to incur foreign debts. Holdings have been converted into U.S. dollar equivalents at par value or, in absence of a par value, at official exchange rate.

<sup>3</sup> Less than half of unit employed, nil, or negligible.

<sup>4</sup> For 1961. <sup>5</sup> Includes holdings of check-paying banks. <sup>6</sup> Estimated.

<sup>7</sup> Includes net payments agreements balances. Excludes small amounts held by the Amortization Fund.

<sup>8</sup> Holdings of the National Bank. <sup>9</sup> For 1951. <sup>10</sup> For 1963.

<sup>11</sup> Figures relate to Mar. 20 of the following year. <sup>12</sup> Government holdings only.

<sup>13</sup> Excludes Government holdings. <sup>14</sup> Includes the State Bank's unsettled claim on India.

<sup>15</sup> Monetary Department of Bank of Paraguay.

<sup>16</sup> Includes convertible currencies (U.S. and Canadian dollars only). <sup>17</sup> Net holdings.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1278. FOREIGN EXCHANGE RATES: 1966

[National currency units per U.S. dollar. As of June 30. Exchange rate denotes a single rate applicable to both buying and selling transactions. Selling or import rates are the rates at which the monetary authorities, including the banks, sell foreign exchange for national currency to those making payments abroad. Buying or export rates are the rates at which the authorities buy foreign exchange from those earning it. Mid-point rates are averages of selling and buying rates. Free rates are those that fluctuate to some extent in response to private transactions]

COUNTRY	Monetary unit	Exchange rate	COUNTRY	Monetary unit	Exchange rate
Argentina: Official and free	Peso	204.80	Israel: Par value	Pound	3.00
Australia: Selling	Dollar	.9009	Italy: Mid-point rate	Lira	624.10
Austria: Selling	Schilling	25.86	Japan: Interbank rate	Yen	362.5
Belgium: Mid-point rate	Franc	49.84	Jordan: Par value	Dinar <sup>1</sup>	.3571
Bolivia: Exchange rate	Peso	11.88			
Brazil:			Korea, Rep. of: Official	Won	270
Coffee export rate	Cruzeiro	939.1	Laos: Par value	Kip	240.00
Free rate	Cruzeiro	2220.0	Lebanon: Exchange rate	Pound	3.11
Burma: Selling	Kyat	4.795	Liberia: Par value	Dollar	1.00
Cambodia: Par value	Riel	35.00			
Canada: Selling	Dollar	1.076	Libya: Par value	Pound <sup>1</sup>	.3571
			Malaysia: Selling	Dollar	3.07
Ceylon: Selling	Rupee	4.788	Mexico: Par value	Peso	12.50
Chile:			Morocco: Par value	Dirham	5.060
Official exchange rate	Escudo	3.97	Netherlands: Mid-point		
Other selling rate	Escudo	4.65	rate	Guilder	3.613
China (Taiwan): Selling	New Tai-		New Zealand: Selling	Pound	.3630
	wan dollar	40.10	Nicaragua: Selling	Córdoba	7.05
Colombia:			Nigeria: Par value	Pound <sup>1</sup>	.3571
Coffee export rate	Peso	8.94	Norway: Selling	Krone	7.16
Other export rate	Peso	13.50	Pakistan: Selling	Rupee	4.802
Principal selling rate	Peso	13.51	Paraguay: Selling	Guaraní	126.00
Free rate	Peso	16.14			
Costa Rica: Import	Colón	6.65	Peru: Exchange rate	Sol	26.82
			Philippines: Selling	Peso	3.89
Denmark: Selling	Krone	6.921	Portugal: Selling	Escudo	28.98
Dominican Republic: Par			Rhodesia, Southern: Par		
value	Peso	1.00	value	Pound <sup>1</sup>	.3571
Ecuador:			Saudi Arabia: Par value	Riyal	4.50
Official selling rate	Sucre	18.18	South Africa: Selling	Rand	7.194
Free rate	Sucre	20.15	Spain: Selling	Peseta	60.05
			Sudan: Par value	Pound	.3482
El Salvador: Par value	Colón	2.50	Sweden: Selling	Krona	5.170
Ethiopia: Par value	Dollar	2.48	Switzerland: Buying	Franc	4.316
Finland: Selling	Mark	3.22			
France: Mid-point rate	Franc	4.900	Syria:		
			Selling	Pound	3.82
Germany, Fed. Rep. of:			Free rate	Pound	4.27
Mid-point rate	D. Mark	4.000	Thailand: Selling	Baht	20.81
Ghana: Par value	Pound <sup>1</sup>	.3571	Tunisia: Par value	Dinar <sup>2</sup>	0.525
Greece: Par value	Drachma	30.00	Turkey: Import rates	Lira	9.08
Guatemala: Par value	Quetzal	1.00	United Arab Rep.: Official	Pound	.4348
			United Kingdom: Selling	Pound	.3585
Haiti: Par value	Gourde	5.00	Uruguay: Selling	Peso	63.70
Honduras: Par value	Lempira	2.00			
Hong Kong:			Venezuela:		
Official selling rate	Dollar	5.80	Petroleum and iron ore		
Free rate	Dollar	5.77	exports	Bolívar	4.40
			Other export rate	Bolívar	4.48
Iceland: Selling	Króna	43.06	Selling rate	Bolívar	4.50
India: Selling	Rupee	7.575			
Iran: Par value	Rial	75.75	Viet-Nam, Rep. of:		
Iraq: Par value	Dinar	.3571	Mid-point rate	Piastre	118.0
Ireland: Par value	Pound <sup>1</sup>	.3571	Yugoslavia: Exchange rate	Dinar	12.5

<sup>1</sup> This currency is at par with the pound sterling and its exchange rates for other currencies correspond to the pound sterling and London market rates.

<sup>2</sup> This currency is at par with the French franc and its exchange rates for other currencies correspond to the French franc and Paris market rates.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1279. TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES

[See text, p. 860, for general comments concerning the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	SHIPPING				RAIL TRAFFIC, 1965 <sup>4</sup>		Civil aviation, miles flown, 1965 <sup>5</sup>	Motor vehicles in use, 1965 <sup>6</sup>
	Merchant shipping fleets, 1966 <sup>1</sup>	Vessels entered, 1965 <sup>2</sup>	Freight, 1965 <sup>3</sup>		Passenger miles	Short ton miles		
			Loaded	Unloaded				
	<i>1,000 gross tons</i>	<i>1,000 net tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Millions (NA)</i>	<i>Millions</i>	<i>1,000 (NA)</i>	<i>1,000 (NA)</i>
World total.....	171,100	(NA)	<sup>7 8</sup> 1,807,800	<sup>7 8</sup> 1,807,800	(NA)	2,720,600	(NA)	(NA)
United States.....	20,797	<sup>9</sup> 153,513	<sup>9</sup> 173,032	<sup>9</sup> 269,502	17,454	705,208	1,353,462	89,093
Argentina.....	1,279	13,078	16,774	12,285	7,972	9,608	19,438	1,553
Australia.....	744	<sup>10</sup> 16,355	<sup>10</sup> 24,353	<sup>10</sup> 29,314	2,177	12,427	87,213	3,767
Austria.....	(NA)	(NA)	(NA)	(NA)	4,001	<sup>11</sup> 5,567	4,486	1,087
Belgium.....	876	47,500	23,444	48,591	5,576	4,588	19,708	1,574
Bolivia.....	(NA)	(NA)	(NA)	(NA)	<sup>12</sup> 147	<sup>12</sup> 205	2,245	<sup>13</sup> 41
Brazil.....	1,279	<sup>11 14</sup> 59,620	21,692	18,335	<sup>13</sup> 10,759	<sup>13</sup> 12,610	56,444	2,131
Bulgaria.....	397	4,984	1,516	7,654	2,892	7,386	(NA)	(NA)
Burma.....	(NA)	<sup>15</sup> 1,529	<sup>15</sup> 1,919	<sup>15</sup> 1,539	<sup>15</sup> 1,345	<sup>15</sup> 610	2,323	50
Canada.....	2,125	<sup>16</sup> 46,281	<sup>16</sup> 82,145	<sup>16</sup> 53,645	2,664	87,114	80,353	6,628
Ceylon.....	(NA)	4,259	990	3,780	<sup>15</sup> 1,498	<sup>15</sup> 203	1,514	119
Chile.....	290	3,426	14,089	3,651	1,498	1,795	9,811	203
China:								
Mainland.....	669	(NA)	(NA)	(NA)	<sup>17</sup> 28,378	<sup>17</sup> 181,688	(NA)	(NA)
Taiwan.....	770	10,526	4,000	5,624	2,778	1,654	2,969	33
Colombia.....	187	11,265	8,299	1,183	319	610	27,944	217
Costa Rica.....	(NA)	2,773	524	752	<sup>13</sup> 13	21	1,911	35
Cuba.....	238	<sup>14 15</sup> 10,448	<sup>19</sup> 6,439	<sup>19</sup> 5,884	<sup>20</sup> 173	<sup>12</sup> 754	4,343	266
Czechoslovakia.....	(NA)	(NA)	(NA)	(NA)	12,271	38,976	11,293	<sup>21</sup> 143
Denmark.....	2,839	<sup>11</sup> 15,927	5,736	25,253	<sup>22</sup> 2,010	<sup>22</sup> 969	10,922	980
Dominican Republic.....	(NA)	<sup>11</sup> 2,254	<sup>11</sup> 2,453	<sup>11</sup> 1,182	(NA)	(NA)	(NA)	42
Ecuador.....	(NA)	<sup>11</sup> 8,617	1,308	754	42	41	4,040	<sup>11</sup> 32
El Salvador.....	(NA)	1,658	536	996	(NA)	(NA)	(NA)	38
Ethiopia.....	(NA)	<sup>11</sup> 3,200	414	527	<sup>13</sup> 40	<sup>13</sup> 138	4,620	33
Finland.....	1,028	11,681	11,219	15,287	1,274	3,550	8,078	545
France.....	5,260	85,827	21,527	120,866	23,736	44,206	76,081	11,782
Germany, Eastern.....	642	(NA)	2,838	6,969	10,840	26,622	(NA)	821
Germany, Fed. Rep. of.....	5,767	69,335	22,208	89,213	<sup>23</sup> 23,944	<sup>23</sup> 40,617	44,360	9,876
Ghana.....	129	5,609	2,629	3,111	309	242	2,843	50
Greece.....	7,163	10,536	3,006	9,794	703	390	7,261	178
Guatemala.....	(NA)	3,602	277	722	(NA)	88	2,072	46
Guyana.....	(NA)	2,683	2,951	877	47	1	(NA)	14
Haiti.....	(NA)	<sup>11</sup> 2,073	<sup>11 14</sup> 4,019	<sup>11</sup> 248	(NA)	(NA)	(NA)	6
Honduras.....	70	<sup>11</sup> 2,404	<sup>11</sup> 675	<sup>11</sup> 358	(NA)	(NA)	1,440	17
Hong Kong.....	947	25,520	2,725	10,106	113	21	(NA)	76
Hungary.....	(NA)	(NA)	(NA)	(NA)	8,617	11,674	(NA)	<sup>24</sup> 99
Iceland.....	134	(NA)	482	893	(NA)	(NA)	6,705	35
India.....	1,795	<sup>22</sup> 16,012	<sup>22</sup> 10,098	<sup>22</sup> 24,766	<sup>11 25</sup> 58,376	<sup>11 25</sup> 60,835	29,778	730
Indonesia.....	582	(NA)	98,463	2,509	<sup>13</sup> 3,891	<sup>13</sup> 651	7,703	259
Iran.....	(NA)	<sup>17 26</sup> 47,202	<sup>11 25</sup> 79,867	<sup>11 25</sup> 2,549	679	1,583	2,960	<sup>11</sup> 150
Iraq.....	(NA)	2,435	594	1,074	<sup>25 27</sup> 329	<sup>25 27</sup> 495	1,547	89
Ireland.....	149	10,033	(NA)	(NA)	334	238	10,107	336
Israel.....	558	4,001	2,044	2,733	247	220	10,634	116
Italy.....	5,851	93,321	26,443	125,984	17,981	10,471	45,905	6,135
Japan.....	14,723	101,069	25,064	218,996	155,886	39,215	55,954	6,471
Korea, Rep. of.....	193	8,099	1,738	5,703	4,298	3,336	1,274	42
Lebanon.....	745	4,915	40,319	1,893	4	27	10,650	113
Liberia.....	20,603	<sup>11</sup> 2,454	<sup>11 16</sup> 6,251	<sup>11</sup> 376	(NA)	(NA)	(NA)	(NA)
Luxembourg.....	(NA)	(NA)	(NA)	(NA)	115	425	559	73
Mexico.....	306	<sup>11</sup> 2,801	10,163	1,573	2,404	12,556	25,743	1,191
Morocco.....	(NA)	(NA)	13,262	3,554	292	1,392	2,976	230

See footnotes at end of table.

# No. 1279. TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES—Continued

[See text, p. 860, for general comments concerning the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	SHIPPING				RAIL TRAFFIC, 1965 <sup>4</sup>		Civil aviation, miles flown, 1965 <sup>5</sup>	Motor vehicles in use, 1965 <sup>6</sup>
	Merchant shipping fleets, 1966 <sup>1</sup>	Vessels entered, 1965 <sup>2</sup>	Freight, 1965 <sup>3</sup>		Passenger miles	Short ton miles		
			Loaded	Unloaded				
	<i>1,000 gross tons</i>	<i>1,000 net tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Millions</i>	<i>Millions</i>	<i>1,000</i>	<i>1,000</i>
Netherlands.....	4,980	85,132	32,301	130,176	4,794	2,412	39,173	1,508
New Zealand.....	244	4,637	2,894	8,116	22 421	22 16,499	17,106	878
Nicaragua.....	(NA)	11 2,488	11 387	11 251	32	9	759	18
Nigeria.....	(NA)	10,869	16,209	4,019	22 534	22 1,361	3,572	11 70
Norway.....	16,421	12,773	30,040	15,124	1,066	1,411	15,467	597
Pakistan.....	434	11 9,654	2,573	9,912	11 28 8,180	11 28 6,544	10,867	178
Panama.....	4,543	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11 37
Paraguay.....	(NA)	(NA)	(NA)	(NA)	11 24	11 14	(NA)	11 10
Peru.....	169	11 24,493	12,026	2,876	139	440	9,314	254
Philippines.....	604	10,094	11,752	8,885	547	97	13,642	273
Poland.....	1,109	7,076	16,526	12,429	21,324	55,489	4,921	429
Portugal.....	749	11 11,729	3,215	6,035	1,846	516	10,225	11 29 264
Romania.....	156	5,716	3,773	2,093	8,410	21,220	3,869	21 33
South Africa.....	399	17 30 13,446	30 10,343	30 13,637	(NA)	22 30 29,270	14,550	1,408
Spain.....	2,242	39,306	9,781	38,053	7,579	5,525	31,253	31 1,156
Sweden.....	4,400	16,884	23,704	35,351	3,291	9,454	21,339	1,912
Switzerland.....	177	(NA)	(NA)	(NA)	4,934	3,570	28,530	1,012
Syria.....	(NA)	14 13,175	31,749	1,228	43	60	2,252	42
Thailand.....	(NA)	5,041	5,239	4,822	1,635	1,282	3,828	11 154
Tunisia.....	(NA)	14 5,999	5,646	2,713	298	847	1,385	83
Turkey.....	640	6,063	3,482	6,008	2,532	3,628	5,206	188
U.S.S.R.....	9,492	(NA)	87,180	14,053	125,268	1,335,776	(NA)	(NA)
U.A.R.....	237	358,756	8,207	10,660	10 3,596	10 2,270	9,724	124
U.K.....	21,542	108,233	37,442	177,040	18,713	17,280	148,406	10,779
Uruguay.....	113	(NA)	(NA)	(NA)	(NA)	(NA)	1,808	196
Venezuela.....	315	11 91,433	207,070	3,234	11 23	11 18	15,587	551
Viet-Nam								
Rep.....	(NA)	5,403	477	4,350	9	22	4,328	68
Yugoslavia.....	1,079	5,952	3,413	7,949	7,954	12,354	5,974	255

NA Not available.

<sup>1</sup> As of June 30. Represents gross registered tons (see text, p. 582) for vessels of 100 gross tons and over. Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. Excludes ships trading on Caspian Sea.

<sup>2</sup> In general, represents sum of net registered tonnages (see text, p. 582) of seagoing foreign and domestic merchant vessels (power and sailing) entered with cargo from a foreign port and refers to only one entrance for each foreign voyage. Where possible excludes vessels, "in ballast," i.e., entering without unloading goods.

<sup>3</sup> Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country specified. For most countries, excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel).

<sup>4</sup> Relates to domestic and international traffic on all railway lines within each country shown excluding railways entirely within an urban unit and plantation, industrial mining, funicular and cable railways. In general, passenger miles include all passengers except military, government, and railway personnel when carried without revenue; ton-miles relate to freight net ton-miles and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores.

<sup>5</sup> Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned

by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services.

<sup>6</sup> Represents officially estimated number of vehicles in use. Includes passenger cars and commercial vehicles. For most countries shown, excludes 2- and 3-wheeled cycles and motorcycles, trains, trolley buses, ambulances, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors.

<sup>7</sup> Includes Great Lakes.

<sup>8</sup> After time adjustment, loaded approximately same as unloaded.

<sup>9</sup> Includes Great Lakes international traffic.

<sup>10</sup> Year ending June 30. <sup>11</sup> For 1964.

<sup>12</sup> For 1957. <sup>13</sup> For 1963.

<sup>14</sup> All entrances counted.

<sup>15</sup> Year ending Sept. 30.

<sup>16</sup> Includes Great Lakes and St. Lawrence international traffic.

<sup>17</sup> For 1959. <sup>18</sup> For 1961. <sup>19</sup> For 1955.

<sup>20</sup> For 1956. <sup>21</sup> Commercial vehicles only.

<sup>22</sup> Year beginning Apr. 1. <sup>23</sup> Includes the Saar.

<sup>24</sup> Passenger cars only.

<sup>25</sup> Year beginning Mar. 21.

<sup>26</sup> Year beginning Mar. 21. Includes Caspian Sea traffic.

<sup>27</sup> For 1962. <sup>28</sup> Year beginning July 1.

<sup>29</sup> Excludes Azores and Madeira Islands.

<sup>30</sup> Includes South West Africa.

<sup>31</sup> Includes the Balearic Islands, Ceuta, and Melilla.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1280. COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, RADIO, AND TELEVISION: 1965

[See text, p. 860, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Tele- phones in use <sup>1</sup> (1,000)	Telegrams sent, domestic <sup>2</sup> (1,000)	Mail sent, domestic <sup>3</sup> (millions)	DAILY NEWSPAPERS <sup>4</sup>			RECEIVING SETS	
				Num- ber	Circulation		Radio <sup>5</sup> (1,000)	Tele- vision <sup>6</sup> (1,000)
					Total (1,000)	Copies per 1,000 popu- lation		
United States <sup>7</sup> -----	93, 659	<sup>8</sup> 82, 722	<sup>9</sup> 70, 253	<sup>11</sup> 1, 751	<sup>11</sup> 60, 358	<sup>11</sup> 310	<sup>12</sup> 240, 000	<sup>12</sup> 70, 350
Afghanistan-----	9	(NA)	(NA)	17	<sup>13</sup> 94	<sup>13</sup> 6	<sup>12</sup> 200	(NA)
Albania-----	(NA)	(NA)	(NA)	2	87	47	<sup>14</sup> 76	<sup>12</sup> 1
Algeria-----	140	(NA)	<sup>15</sup> 116	5	170	15	<sup>16</sup> 1, 500	<sup>12</sup> 150
Angola-----	16	312	27	<sup>14</sup> 4	<sup>4</sup> 45	<sup>14</sup> 9	80	(NA)
Argentina-----	1, 498	17, 781	789	171	<sup>17</sup> 3, 312	<sup>17</sup> 148	<sup>12</sup> 14 6, 200	<sup>12</sup> 1, 600
Australia-----	<sup>10</sup> 2, 811	<sup>10</sup> 14 20, 085	<sup>10</sup> 2, 225	61	4, 236	373	2, 524	1, 954
Austria-----	1, 009	2, 672	829	36	1, 806	249	2, 154	711
Belgium-----	1, 558	3, 366	2, 246	54	2, 701	285	<sup>18</sup> 3, 026	1, 543
Bolivia-----	25	(NA)	(NA)	9	95	26	<sup>12</sup> 525	(NA)
Brazil-----	1, 320	(NA)	1, 095	<sup>14</sup> 227	<sup>14</sup> 2, 606	<sup>14</sup> 32	<sup>12</sup> 14 7, 500	<sup>12</sup> 14 2, 300
Bulgaria-----	279	7, 510	(NA)	11	1, 408	172	2, 055	185
Burma-----	19	918	61	<sup>14</sup> 25	<sup>14</sup> 234	<sup>14</sup> 10	14 259	(NA)
Cambodia-----	5	<sup>19</sup> 42	(NA)	14	42	7	<sup>12</sup> 965	<sup>12</sup> 7
Canada-----	7, 440	<sup>20</sup> 12, 367	<sup>21</sup> 22 4, 574	<sup>14</sup> 23 114	<sup>14</sup> 23 4, 385	<sup>14</sup> 23 227	<sup>12</sup> 14 10, 000	<sup>12</sup> 5, 310
Ceylon-----	43	<sup>16</sup> 24 4, 159	<sup>21</sup> 391	13	440	39	438	(NA)
Chile-----	263	<sup>14</sup> 5, 658	<sup>16</sup> 113	<sup>14</sup> 46	<sup>14</sup> 25 1, 006	<sup>14</sup> 25 118	<sup>12</sup> 19 1, 500	<sup>12</sup> 14 50
China (mainland)-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	<sup>16</sup> 8, 000	<sup>12</sup> 100
China (Taiwan)-----	167	(NA)	374	<sup>16</sup> 32	<sup>16</sup> 750	<sup>16</sup> 64	1, 270	<sup>14</sup> 33
Colombia-----	443	(NA)	<sup>16</sup> 50	<sup>16</sup> 26	<sup>16</sup> 781	<sup>16</sup> 52	<sup>12</sup> 19 3, 000	<sup>12</sup> 350
Costa Rica-----	22	(NA)	(NA)	<sup>14</sup> 6	<sup>14</sup> 26 107	<sup>14</sup> 26 77	<sup>12</sup> 130	<sup>12</sup> 50
Cuba-----	231	(NA)	(NA)	<sup>27</sup> 10	27 611	27 88	<sup>12</sup> 14 1, 345	<sup>12</sup> 14 550
Cyprus-----	28	(NA)	13	10	129	217	130	14
Czechoslovakia-----	1, 492	12, 297	(NA)	27	3, 971	280	3, 727	2, 113
Denmark-----	1, 364	1, 695	<sup>21</sup> 601	67	1, 649	347	<sup>18</sup> 1, 587	1, 084
Dominican Republic-----	31	(NA)	(NA)	7	<sup>23</sup> 98	<sup>23</sup> 27	<sup>12</sup> 16 139	<sup>12</sup> 50
Ecuador-----	43	(NA)	(NA)	23	241	47	<sup>12</sup> 510	<sup>12</sup> 42
El Salvador-----	20	(NA)	6	<sup>16</sup> 15	<sup>16</sup> 127	<sup>16</sup> 47	<sup>12</sup> 396	<sup>12</sup> 35
Ethiopia-----	25	171	(NA)	8	<sup>26</sup> 34	<sup>26</sup> 2	<sup>12</sup> 14 325	<sup>29</sup> 2. 5
Finland-----	836	717	388	<sup>14</sup> 68	(NA)	(NA)	1, 541	732
France-----	6, 117	14, 102	7, 211	<sup>14</sup> 128	<sup>14</sup> 11, 872	<sup>14</sup> 245	<sup>18</sup> 15, 336	6, 399
Germany, Eastern-----	1, 659	11, 253	1, 274	<sup>14</sup> 34	<sup>14</sup> 6, 822	<sup>14</sup> 400	<sup>14</sup> 5, 759	3, 216
Germany, Fed. Rep. of-----	8, 802	17, 705	<sup>30</sup> 8, 621	<sup>31</sup> 411	<sup>31</sup> 19, 264	<sup>31</sup> 326	<sup>18</sup> 30 26, 000	11, 379
Ghana-----	35	687	<sup>21</sup> 119	3	225	29	<sup>14</sup> 555	<sup>12</sup> 14 0. 5
Greece-----	508	5, 892	258	112	(NA)	(NA)	904	(NA)
Guatemala-----	25	(NA)	(NA)	<sup>10</sup> 8	<sup>19</sup> 125	<sup>19</sup> 31	(NA)	<sup>12</sup> 55
Haiti-----	4	(NA)	(NA)	6	<sup>28</sup> 23	<sup>28</sup> 5	<sup>12</sup> 63	<sup>12</sup> 14 4
Honduras-----	9	(NA)	(NA)	<sup>14</sup> 7	<sup>14</sup> 28 41	<sup>14</sup> 28 19	<sup>12</sup> 135	<sup>12</sup> 8
Hungary-----	566	8, 877	522	24	1, 809	178	2, 484	831
Iceland-----	56	316	7	5	83	435	58	(NA)
India-----	<sup>32</sup> 861	<sup>14</sup> 21 38, 414	<sup>21</sup> 6, 226	<sup>14</sup> 514	<sup>14</sup> 33 5, 693	<sup>14</sup> 33 12	<sup>14</sup> 4, 315	<sup>12</sup> 0. 8
Indonesia-----	172	<sup>19</sup> 4, 210	187	85	<sup>34</sup> 709	<sup>34</sup> 7	(NA)	<sup>12</sup> 45
Iran-----	208	(NA)	(NA)	<sup>27</sup> 27	<sup>27</sup> 312	<sup>27</sup> 15	<sup>16</sup> 1, 600	<sup>12</sup> 110
Iraq-----	<sup>32</sup> 65	<sup>14</sup> 856	<sup>14</sup> 52	<sup>16</sup> 8	<sup>16</sup> 85	<sup>16</sup> 12	<sup>14</sup> 700	<sup>12</sup> 14 150
Ireland-----	<sup>32</sup> 217	461	<sup>21</sup> 265	7	702	246	<sup>18</sup> 610	<sup>12</sup> 329
Israel-----	258	<sup>21</sup> 911	185	<sup>16</sup> 24	<sup>16</sup> 35 339	<sup>16</sup> 35 143	<sup>16</sup> 595	15
Italy-----	5, 981	<sup>19</sup> 38, 271	5, 212	92	<sup>36</sup> 5, 811	<sup>36</sup> 113	<sup>18</sup> 10, 724	6, 045
Jamaica-----	49	913	48	2	122	69	<sup>12</sup> 350	<sup>12</sup> 25
Japan-----	<sup>32</sup> 13, 999	<sup>21</sup> 85, 250	9, 340	<sup>37</sup> 172	44, 134	451	20, 425	17, 960
Korea, Republic of-----	274	(NA)	474	41	1, 802	64	<sup>12</sup> 1, 961	45
Lebanon-----	105	546	<sup>14</sup> 20	37	(NA)	(NA)	<sup>14</sup> 275	<sup>12</sup> 135
Liberia-----	(NA)	(NA)	(NA)	<sup>14</sup> 2	<sup>14</sup> 4	<sup>14</sup> 4	<sup>12</sup> 130	<sup>12</sup> 2. 7
Libya-----	15	(NA)	6	<sup>14</sup> 3	<sup>14</sup> 38 8	<sup>14</sup> 38 5	50	(NA)
Luxembourg-----	80	170	42	<sup>14</sup> 7	<sup>14</sup> 140	<sup>14</sup> 425	119	<sup>12</sup> 31
Madagascar-----	19	563	36	<sup>19</sup> 12	<sup>19</sup> 53	<sup>19</sup> 9	<sup>12</sup> 16 285	(NA)
Mexico-----	823	37, 419	812	220	4, 763	116	<sup>12</sup> 8, 237	<sup>12</sup> 1, 800
Morocco-----	142	342	<sup>14</sup> 63	<sup>16</sup> 10	<sup>16</sup> 39 220	<sup>16</sup> 39 17	700	33
Netherlands-----	2, 352	2, 003	2, 390	88	3, 598	293	3, 093	2, 113
New Zealand-----	<sup>32</sup> 1, 025	<sup>21</sup> 7, 427	536	<sup>14</sup> 41	<sup>14</sup> 1, 034	<sup>14</sup> 399	644	413
Nicaragua-----	12	(NA)	(NA)	6	<sup>26</sup> 81	<sup>26</sup> 49	<sup>12</sup> 14 100	<sup>12</sup> 16
Niger-----	2	61	2	1	1. 3	0. 4	<sup>12</sup> 45	(NA)
Nigeria-----	69	(NA)	159	22	<sup>40</sup> 391	<sup>40</sup> 7	<sup>14</sup> 600	<sup>12</sup> 30
Norway-----	908	2, 562	<sup>10</sup> 434	84	1, 431	384	1, 089	488
Pakistan-----	137	<sup>16</sup> 4, 938	<sup>14</sup> 625	<sup>14</sup> 88	(NA)	(NA)	<sup>14</sup> 549	<sup>12</sup> 10

See footnotes at end of table.

No. 1280. COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, RADIO, AND TELEVISION: 1965—Continued

[See text, p. 860, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Tele- phones in use <sup>1</sup> (1,000)	Telegrams sent, domestic <sup>2</sup> (1,000)	Mail sent, domestic <sup>3</sup> (millions)	DAILY NEWSPAPERS <sup>4</sup>			RECEIVING SETS	
				Num- ber	Circulation		Radio <sup>5</sup> (1,000)	Tele- vision <sup>6</sup> (1,000)
					Total (1,000)	Copies per 1,000 popu- lation		
Panama.....	46	(NA)	(NA)	10	<sup>39</sup> 101	<sup>39</sup> 81	<sup>12</sup> 500	<sup>12</sup> 70
Paraguay.....	14	168	<sup>14</sup> 5	<sup>14</sup> 8	(NA)	(NA)	<sup>12</sup> 19 160	(NA)
Peru.....	137	(NA)	(NA)	(NA)	(NA)	(NA)	<sup>12</sup> 14 2,100	<sup>12</sup> 210
Philippines.....	165	(NA)	(NA)	<sup>14</sup> 18	<sup>14</sup> 547	<sup>14</sup> 17	<sup>12</sup> 14 1,225	<sup>12</sup> 120
Poland.....	1,294	11,669	<sup>41</sup> 884	42	5,246	167	<sup>12</sup> 14 5,646	2,078
Portugal.....	550	2,577	373	29	622	68	1,173	180
Romania.....	473	(NA)	<sup>14</sup> 42 1,506	33	2,993	157	2,790	501
Saudi Arabia.....	28	(NA)	22	4	35	5	(NA)	<sup>12</sup> 14 30
South Africa.....	<sup>32</sup> 1,198	<sup>21</sup> 10,570	933	<sup>27</sup> 21	<sup>27</sup> 912	<sup>27</sup> 57	2,600	(NA)
Spain.....	2,772	23,673	2,420	<sup>16</sup> 105	<sup>16</sup> 4,740	<sup>16</sup> 153	<sup>12</sup> 4,550	<sup>12</sup> 1,750
Sudan.....	37	2,272	(NA)	<sup>19</sup> 7	<sup>19</sup> 64	<sup>19</sup> 5	<sup>12</sup> 14 225	<sup>12</sup> 10
Sweden.....	<sup>10</sup> 3,387	<sup>10</sup> 43 3,240	1,333	119	3,909	505	2,954	2,085
Switzerland.....	2,259	<sup>14</sup> 44 1,055	1,461	132	2,210	376	1,654	621
Syria.....	78	197	25	<sup>14</sup> 26	<sup>14</sup> 40 114	<sup>14</sup> 40 21	<sup>12</sup> 1,745	<sup>12</sup> 65
Thailand.....	78	<sup>16</sup> 2,194	72	23	<sup>43</sup> 398	<sup>43</sup> 13	<sup>12</sup> 14 1,610	<sup>12</sup> 200
Tunisia.....	50	110	(NA)	5	81	18	<sup>14</sup> 306	<sup>12</sup> 4
Turkey.....	351	8,583	326	<sup>27</sup> 472	<sup>27</sup> 1,299	<sup>27</sup> 45	2,443	<sup>12</sup> 1.6
U.S.S.R.....	(NA)	<sup>46</sup> 273,000	5,241	639	60,948	264	73,800	15,700
U.A.R.....	330	5,953	274	<sup>16</sup> 9	<sup>16</sup> 409	<sup>16</sup> 15	<sup>12</sup> 1,613	<sup>12</sup> 323
United Kingdom.....	<sup>32</sup> 10,621	<sup>21</sup> 9,838	<sup>21</sup> 10,737	110	26,100	479	<sup>18</sup> 16,194	13,516
Uruguay.....	182	<sup>16</sup> 2,049	(NA)	<sup>16</sup> 35	<sup>16</sup> 800	<sup>16</sup> 314	<sup>12</sup> 14 910	<sup>12</sup> 200
Venezuela.....	283	(NA)	187	33	<sup>47</sup> 608	<sup>47</sup> 70	<sup>12</sup> 1,660	<sup>12</sup> 650
Viet-Nam, Rep. of.....	23	<sup>14</sup> 632	46	32	670	42	<sup>12</sup> 14 1,000	(NA)
Yugoslavia.....	415	9,083	1,031	23	1,755	90	3,000	<sup>12</sup> 590

NA Not available.

<sup>1</sup> Comprises public and private telephones (including extension instruments) connected to a central exchange. World total in 1965 estimated at 195.3 million.

<sup>2</sup> Comprises generally all types of telegrams including cablegrams and radiograms, but excludes messages in transit.

<sup>3</sup> Items mailed for distribution within national territories. Comprises letters, postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets. Includes mail carried without charge, but excludes ordinary packages, and letters and packages with a declared value.

<sup>4</sup> Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data include copies sold outside the country.

<sup>5</sup> Number of licenses issued for receiving sets except as noted. Figures should be used with caution as number of licenses falls, in varying degrees from country to country, to represent full number in use. Data apply to all types of receivers for radio broadcasts to the public, including loudspeakers connected to a "radio redistribution system" but excluding television sets. World total in 1965 estimated at 551 million sets in use.

<sup>6</sup> Number of licenses issued for receiving sets except as noted. World total in 1965 estimated at 181 million sets in use.

<sup>7</sup> Telegrams and radios exclude Alaska and Hawaii.

<sup>8</sup> Includes messages to Canada, Mexico, St. Pierre, and Miquelon.

<sup>9</sup> Domestic and foreign, including ordinary packages and mail with a declared value.

<sup>10</sup> Years ending June 30. <sup>11</sup> English dailies only. <sup>12</sup> Estimated number of receivers in use.

<sup>13</sup> For 15 dailies only. <sup>14</sup> For 1964. <sup>15</sup> Includes French Union countries, and Metropolitan France.

<sup>16</sup> For 1963. <sup>17</sup> For 143 dailies only.

<sup>18</sup> Includes combined sound-television licenses which are licenses covering both radio and television sets.

<sup>19</sup> For 1962. <sup>20</sup> Covers all telegrams sent by land.

<sup>21</sup> Years beginning April 1. <sup>22</sup> Includes foreign, received and sent.

<sup>23</sup> English and French language dailies only. <sup>24</sup> Years ending Sept. 30. <sup>25</sup> For 43 dailies only.

<sup>26</sup> For 5 dailies only. <sup>27</sup> For 1961. <sup>28</sup> For 4 dailies only.

<sup>29</sup> Not indicated whether data are for number of licenses issued for receiving sets or for estimated receivers in use.

<sup>30</sup> Includes the Saar.

<sup>31</sup> Number excludes 700 regional editions; circulation includes them. <sup>32</sup> Mar. 31, 1966.

<sup>33</sup> For 367 dailies only. <sup>34</sup> For 60 dailies only. <sup>35</sup> For 13 dailies only.

<sup>36</sup> For 82 dailies only. <sup>37</sup> Includes some dailies having both morning and evening editions.

<sup>38</sup> For 2 dailies only. <sup>39</sup> For 8 dailies only. <sup>40</sup> For 18 dailies only. <sup>41</sup> For 1960.

<sup>42</sup> All letters, printed matter, and parcel post sent.

<sup>43</sup> Revenue telegrams, excluding those transmitted exclusively over railway telegraph lines.

<sup>44</sup> Includes Liechtenstein. <sup>45</sup> For 22 dailies only.

<sup>46</sup> All telegrams sent. <sup>47</sup> For 23 dailies only.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1281. HOUSING—DWELLINGS, ROOMS, OCCUPANCY, AND FACILITIES

[Except as noted, data intended to refer to conventional (permanent) dwellings only. For some countries, includes nonpermanent structures and improvised shelters, or refers to housing units, i.e., to the space occupied by a private household, whether it occupies an entire dwelling or only a part. See text, p. 860, for general comments concerning the data. For additional qualifications of the data for individual countries, see source.]

COUNTRY	Year	DWELLINGS (1,000)		AVERAGE <sup>1 2</sup>		PERCENT OF DWELLINGS WITH <sup>1—</sup>				
		Total	Occu- pied	Rooms per dwell- ing	Persons per room	Piped water <sup>3</sup>	Gas <sup>4</sup>	Elec- tricity	Bath <sup>5</sup>	Flush toilet
United States <sup>6</sup> .....	1960	58,326	53,024	4.9	0.7	94.0	51.5	(NA)	88.1	89.7
Argentina.....	1960	3,955	3,727	<sup>7</sup> 3.1	<sup>7</sup> 1.4	53.1	(NA)	77.6	(NA)	69.3
Australia <sup>8</sup> .....	1961	<sup>10</sup> 2,826	<sup>10</sup> 2,653	<sup>11</sup> 5.1	<sup>11</sup> 0.7	(NA)	<sup>17</sup> 44.0	<sup>11</sup> 96.0	<sup>11</sup> 98.0	(NA)
Austria.....	1961	2,250	2,153	3.5	0.9	100.0	35.2	98.3	29.6	(NA)
Belgium.....	1961	3,159	3,016	4.6	0.6	76.9	46.2	99.6	24.3	47.6
Brazil <sup>8</sup> .....	1960	(NA)	13,475	(NA)	(NA)	21.0	18.3	38.7	(NA)	(NA)
Bulgaria.....	1956	<sup>12</sup> 1,733	1,688	<sup>12</sup> 2.4	<sup>12</sup> 1.8	<sup>13</sup> 9.2	(NA)	<sup>13</sup> 64.2	(NA)	(NA)
Canada <sup>6</sup> .....	1964	(NA)	4,757	5.2	0.7	93.3	23.9	(NA)	85.9	89.5
Chile.....	1960	(NA)	1,159	3.2	1.7	62.0	13.1	70.6	46.0	<sup>7</sup> 44.8
Costa Rica <sup>12</sup> .....	1963	(NA)	231	3.8	1.5	68.3	(NA)	54.6	57.0	29.7
Cyprus.....	1960	157	139	<sup>14</sup> 2.7	<sup>14</sup> 1.5	(NA)	(NA)	<sup>12</sup> 43.1	(NA)	(NA)
Czechoslovakia.....	1961	(NA)	3,820	<sup>8</sup> 2.7	<sup>8</sup> 1.3	60.5	19.7	97.3	33.3	39.5
Denmark <sup>15</sup> .....	1960	(NA)	1,475	4.4	0.7	(NA)	78.6	99.0	48.4	83.2
Dominican Republic <sup>12</sup> .....	1955	551	513	2.9	1.7	18.2	(NA)	15.5	12.0	9.6
Ecuador <sup>8</sup> .....	1962	(NA)	863	2.1	2.5	37.5	(NA)	32.3	(NA)	21.7
Finland.....	1960	1,211	1,204	2.7	1.3	(NA)	(NA)	88.6	15.7	35.4
France <sup>16</sup> .....	1962	15,826	<sup>17</sup> 14,021	<sup>17</sup> 3.1	<sup>17</sup> 1.0	<sup>17</sup> 79.8	<sup>17</sup> 87.4	<sup>17</sup> 97.6	<sup>17</sup> 28.7	<sup>17</sup> 37.4
Germany, Eastern <sup>8</sup> .....	1961	(NA)	5,507	2.6	1.2	(NA)	(NA)	(NA)	22.1	(NA)
Germany, Fed. Rep. of <sup>18</sup> .....	1960	15,564	13,379	4.1	0.9	(NA)	48.5	99.4	51.9	75.3
Greece.....	1961	2,261	1,919	<sup>19</sup> 2.6	<sup>19</sup> 1.5	<sup>20</sup> 70.4	(NA)	<sup>19</sup> 53.2	<sup>19</sup> 10.5	<sup>19</sup> 14.6
Guatemala <sup>15</sup> .....	1964	(NA)	445	(NA)	(NA)	29.5	(NA)	22.0	16.3	9.6
Honduras <sup>8</sup> .....	1961	(NA)	325	2.3	2.4	24.9	(NA)	14.6	16.7	14.2
Hungary.....	1963	2,908	2,844	<sup>21</sup> 2.3	<sup>21</sup> 1.5	32.5	17.8	81.3	18.5	<sup>21</sup> 22.5
India.....	1960	(NA)	<sup>8</sup> 79,194	<sup>22</sup> 2.0	<sup>22</sup> 2.6	(NA)	(NA)	(NA)	(NA)	(NA)
Iraq.....	1956	741	737	(NA)	(NA)	<sup>8</sup> 20.8	(NA)	17.1	10.3	33.6
Ireland.....	1961	(NA)	676	4.4	0.9	57.2	(NA)	83.0	<sup>23</sup> 33.2	53.5
Italy.....	1961	14,214	13,032	3.3	1.1	71.6	22.9	95.9	28.9	(NA)
Jamaica <sup>24</sup> .....	1960	(NA)	402	(NA)	(NA)	71.0	(NA)	(NA)	(NA)	19.9
Japan.....	1963	21,090	20,372	<sup>25</sup> 3.8	1.2	67.9	70.1	(NA)	59.1	9.2
Korea, Republic of.....	1960	4,175	4,098	<sup>22</sup> 2.2	<sup>8</sup> 2.5	<sup>12</sup> 21.4	(NA)	<sup>12</sup> 28.4	<sup>12</sup> 1.8	<sup>12</sup> 0.2
Luxembourg.....	1960	(NA)	95	5.1	(NA)	98.8	51.8	99.9	45.7	81.6
Mauritius.....	1962	103	98	2.7	1.9	74.6	(NA)	60.7	47.6	30.5
Mexico.....	1960	(NA)	<sup>12</sup> 6,409	<sup>12</sup> 1.9	<sup>12</sup> 2.9	<sup>12</sup> 32.3	(NA)	28.6	<sup>12</sup> 20.9	(NA)
Morocco <sup>26</sup> .....	1960	528	(NA)	2.6	2.2	(NA)	(NA)	77.0	22.0	(NA)
Netherlands.....	1956	2,534	2,519	5.1	0.8	89.6	70.5	98.1	26.8	67.5
New Zealand.....	1961	693	634	4.9	0.7	99.5	(NA)	<sup>27</sup> 99.5	97.1	88.4
Nicaragua <sup>8</sup> .....	1963	(NA)	246	2.2	2.8	21.3	(NA)	32.9	(NA)	12.3
Norway <sup>8</sup> .....	1960	1,099	1,075	4.2	0.8	94.0	(NA)	(NA)	45.2	57.9
Pakistan <sup>28</sup> .....	1960	<sup>12</sup> 17,516	<sup>12</sup> 16,560	<sup>14</sup> 1.7	<sup>14</sup> 3.1	(NA)	(NA)	(NA)	(NA)	(NA)
Panama <sup>8</sup> <sup>29</sup> .....	1960	233	211	<sup>28</sup> 2.0	2.4	46.2	8.8	44.0	(NA)	38.4
Peru <sup>30</sup> .....	1961	<sup>8</sup> 1,975	<sup>8</sup> 1,962	2.4	2.2	42.3	1.1	30.1	33.8	29.2
Philippines <sup>7</sup> .....	1960	4,791	4,648	(NA)	(NA)	<sup>31</sup> 20.0	1.1	16.5	(NA)	7.6
Poland.....	1960	(NA)	7,026	2.5	1.7	42.9	17.3	80.1	13.9	18.9
Portugal.....	1960	(NA)	2,201	3.6	1.1	(NA)	(NA)	40.5	18.6	41.8
Puerto Rico <sup>12</sup> .....	1960	522	484	(NA)	(NA)	69.8	26.3	79.9	51.1	37.1
Spain <sup>32</sup> .....	1960	(NA)	3,901	4.3	0.9	70.3	(NA)	92.7	23.4	(NA)
Sweden.....	1960	2,675	2,582	3.4	0.8	91.4	(NA)	(NA)	60.8	75.8
Switzerland.....	1960	(NA)	1,580	4.8	0.7	<sup>33</sup> 96.1	(NA)	(NA)	68.7	(NA)
Syria <sup>22</sup> .....	1961/62	(NA)	(NA)	2.5	2.3	41.9	11.6	38.0	(NA)	(NA)

See footnotes at end of table.

## No. 1281. HOUSING—DWELLINGS, ROOMS, OCCUPANCY, AND FACILITIES—Con.

[See text, p. 860, for general comments concerning quality of data]

COUNTRY	Year	DWELLINGS (1,000)		AVERAGE <sup>1 2</sup>		PERCENT OF DWELLINGS WITH <sup>1—</sup>				
		Total	Occu- pled	Rooms per dwell- ing	Persons per room	Piped water <sup>3</sup>	Gas <sup>4</sup>	Elec- tricity	Bath <sup>5</sup>	Flush toilet
U.S.S.R. <sup>32</sup>	1956	17,300	(NA)	<sup>25</sup> 3.3	1.5	(NA)	(NA)	(NA)	(NA)	(NA)
United Arab Rep. <sup>32</sup>	1960	1,639	1,572	3.6	1.6	<sup>13</sup> 39.5	<sup>13</sup> 0.3	<sup>13</sup> 37.8	(NA)	(NA)
United Kingdom <sup>34</sup>	1961	14,570	14,256	4.8	<sup>22</sup> 0.7	<sup>35</sup> 98.7	(NA)	(NA)	<sup>23</sup> 78.7	<sup>36</sup> 93.4
Venezuela	1961	935	860	<sup>8</sup> 3.3	<sup>8</sup> 1.6	67.1	<sup>9</sup> 55.5	78.4	52.9	49.5
Yugoslavia	1961	(NA)	4,082	2.8	1.6	(NA)	(NA)	54.5	(NA)	(NA)

NA Not available.

<sup>1</sup> Computed on basis of occupied dwellings, if available; otherwise on total dwellings.<sup>2</sup> In some cases, estimated by United Nations Statistical Office.<sup>3</sup> Either inside or outside dwelling, except as noted.<sup>4</sup> Believed to refer, in most cases, to cooking gas laid on from main or tank.<sup>5</sup> Dwellings with fixed tub, shower, or both.<sup>6</sup> Includes mobile trailers.<sup>7</sup> Refers to private housing units and units not intended for habitation but in use for that purpose.<sup>8</sup> Refers to private housing units rather than dwellings.<sup>9</sup> Excludes housing units occupied solely by full-blooded aboriginals.<sup>10</sup> Excludes housing units shared by households.<sup>11</sup> Includes "shares of a house" which are not structurally separate units.<sup>12</sup> Refers to housing units rather than dwellings.<sup>13</sup> Refers to residential buildings.<sup>14</sup> Refers to all households (private and collective) rather than dwellings.<sup>15</sup> Except for data on dwellings, refers to private housing units.<sup>16</sup> Kitchens counted as rooms if approximately 14 square yards or more.<sup>17</sup> Refers to dwellings or housing units used as principal residences by private households.<sup>18</sup> Refers to dwellings with kitchens in residential and occupied nonresidential buildings. Excludes dwellings in basements and attics. Except for electricity, includes the Saar.<sup>19</sup> Refers to households living in private housing units.<sup>20</sup> Refers to households in dwellings.<sup>21</sup> Data for 1960.<sup>22</sup> Refers to private households rather than dwellings.<sup>23</sup> Excludes dwellings with only shower installations.<sup>24</sup> Except for number of dwellings, refers to private households.<sup>25</sup> Kitchens not counted as rooms.<sup>26</sup> Data are for dwellings and collective housing units.<sup>27</sup> Refers to percent of total population rather than dwellings.<sup>28</sup> Excludes nomads and river boatmen of East Pakistan and frontier regions of West Pakistan.<sup>29</sup> Excludes housing of tribal Indians.<sup>30</sup> Except for number of private housing units, refers to private households living in dwellings.<sup>31</sup> Refers to source of water supply.<sup>32</sup> Urban area only.<sup>33</sup> Refers to dwellings with piped water in kitchen.<sup>34</sup> For England and Wales.<sup>35</sup> Refers only to dwellings with piped water inside.<sup>36</sup> Inside dwelling or building.Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1282. EDUCATION AND HEALTH

[**Education:** Figures usually refer to both public and private schools for the school year beginning in year stated, and generally exclude adult education, apprenticeship courses, and correspondence schools. Intercountry comparisons subject to caution owing to variations in definition and coverage. **Health:** Generally, data refer to persons fully qualified or certificated from medical, dental, or pharmacy schools, and working within the country. Intercountry comparisons subject to caution owing to lack of precise information for many countries on professional level and number working. See text, p. 860, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Yr.	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Dentists	Pharmacists
United States.....	1965	(NA)	<sup>1,000</sup> <sup>8</sup> 1,123	<sup>1,000</sup> 32,475	(NA)	<sup>1,000</sup> <sup>4</sup> 829 <sup>4</sup> 5 12,975	<sup>1,000</sup> <sup>4</sup> 12,975	<sup>6</sup> 272,502	<sup>6</sup> 7 105,549	<sup>6</sup> 117,400
Afghanistan.....	1964	<sup>8</sup> 1,878	<sup>8</sup> 7	<sup>8</sup> 358	<sup>8</sup> 152	<sup>8</sup> 1	<sup>8</sup> 34	<sup>9</sup> 461	<sup>9</sup> 10 15	<sup>9</sup> 10 46
Albania.....	1964	3,259	12	349	73	1	30	<sup>11</sup> 784	( <sup>11</sup> )	128
Algeria.....	1964	3,722	<sup>8</sup> 28	1,270	323	<sup>8</sup> 2	40	1,301	135	266
Angola.....	1960	2,042	3	105	46	(Z)	8	<sup>12</sup> 337	<sup>12</sup> 19	<sup>12</sup> 66
Argentina.....	1964	18,680	152	3,074	867	27	171	<sup>7</sup> 9 31,831	<sup>7</sup> 9 11,584	(NA)
Australia.....	1964	<sup>13</sup> 14 9,085	<sup>3</sup> 57	<sup>3</sup> 1,635	<sup>13</sup> 14 1,028	<sup>13</sup> 39	<sup>13</sup> 732	15,060	<sup>7</sup> 4,296	<sup>7</sup> 10,654
Austria.....	1964	5,238	34	752	211	<sup>8</sup> 6	86	<sup>11</sup> 12,783	<sup>11</sup> 2,247	2,294
Belgium.....	1964	9,115	38	967	1,446	35	300	<sup>6</sup> 11 13,236	<sup>6</sup> 11 1,596	<sup>6</sup> 5,844
Bolivia.....	1965	6,927	18	527	289	3	78	<sup>6</sup> 10 977	<sup>6</sup> 591	<sup>6</sup> 470
Brazil.....	1964	117,297	325	9,624	4,775	81	1,368	<sup>10</sup> 15 20,167	(NA)	(NA)
Bulgaria.....	1964	4,843	49	1,155	285	7	119	13,260	2,877	1,704
Burma.....	1964	13,721	43	1,887	1,625	16	497	<sup>6</sup> 2,535	<sup>6</sup> 26	<sup>6</sup> 296
Canada.....	1964	<sup>16</sup> 26,357	132	3,492	( <sup>16</sup> )	<sup>4</sup> 68	<sup>4</sup> 1,275	<sup>6</sup> 21,000	<sup>6</sup> 5,997	<sup>6</sup> 8,322
Ceylon.....	1965	<sup>17</sup> 9,258	<sup>17</sup> 93	1,781	( <sup>17</sup> )	( <sup>17</sup> )	<sup>4</sup> 818	<sup>9</sup> 2,250	<sup>9</sup> 193	<sup>9</sup> 1,226
Chile.....	1964	6,960	<sup>8</sup> 27	1,350	541	<sup>8</sup> 6	198	(NA)	<sup>6</sup> 2,700	<sup>6</sup> 2,100
China (main-land).....	1959	(NA)	(NA)	90,000	(NA)	(NA)	<sup>18</sup> 8,520	(NA)	(NA)	(NA)
China (Taiwan).....	1964	2,107	53	2,203	396	23	484	4,983	816	1,110
Colombia.....	1964	23,611	62	2,213	1,295	16	229	<sup>6</sup> 7,453	<sup>6</sup> 3,400	<sup>6</sup> 1,213
Congo (Brazzaville).....	1964	806	3	172	49	(Z)	11	77	4	12
Costa Rica.....	1964	<sup>19</sup> 1,951	<sup>19</sup> 9	<sup>19</sup> 264	<sup>19</sup> 79	<sup>19</sup> 1	<sup>19</sup> 37	<sup>6</sup> 10 525	<sup>6</sup> 205	<sup>6</sup> 389
Cuba.....	1964	<sup>3</sup> 13,999	36	1,206	338	8	136	(NA)	(NA)	(NA)
Cyprus <sup>20</sup> .....	1964	<sup>8</sup> 532	<sup>8</sup> 2	<sup>8</sup> 69	<sup>8</sup> 35	<sup>8</sup> 1	<sup>8</sup> 22	424	165	230
Czechoslovakia.....	1964	11,585	94	2,241	380	7	116	<sup>6</sup> 24,478	<sup>6</sup> 4,842	<sup>6</sup> 5,163
Denmark.....	1964	1,820	(NA)	521	1,154	(NA)	154	<sup>6</sup> 6,185	<sup>6</sup> 2,681	<sup>6</sup> 1,700
Dominican Rep.....	1962	4,821	9	479	352	2	40	<sup>7</sup> 12 2,153	<sup>7</sup> 12 479	<sup>7</sup> 12 844
Ecuador.....	1964	6,781	20	752	243	6	57	942	518	(NA)
El Salvador.....	1964	2,521	11	378	282	2	36	653	170	329
Ethiopia.....	1964	1,607	7	348	75	2	40	324	(NA)	15
Finland.....	1964	(NA)	<sup>8</sup> 20	<sup>3</sup> 483	(NA)	17	341	3,384	2,141	3,704
France.....	1964	73,690	<sup>3</sup> 13 248	5,602	8,771	<sup>4</sup> 176	2,317	<sup>11</sup> 53,000	<sup>11</sup> 17,295	21,937
Germany, E.....	1964	8,285	<sup>21</sup> 118	2,248	303	( <sup>21</sup> )	81	19,528	6,207	2,638
Germany, F.R. <sup>22</sup> .....	1964	30,938	197	5,486	3,154	80	1,312	84,203	32,047	17,201
Ghana.....	1964	7,985	33	1,088	2,291	10	299	<sup>23</sup> 565	<sup>23</sup> 36	<sup>23</sup> 355
Greece.....	1965	(NA)	28	964	(NA)	14	369	<sup>12</sup> 11,980	<sup>12</sup> 3,282	(NA)
Guatemala.....	1964	<sup>19</sup> 4,294	<sup>19</sup> 12	<sup>19</sup> 401	333	4	33	1,066	187	40
Guyana.....	1964	<sup>24</sup> 380	<sup>24</sup> 5	<sup>24</sup> 153	24 31	<sup>24</sup> 1	<sup>24</sup> 14	<sup>6</sup> 7 233	<sup>6</sup> 23 2	<sup>6</sup> 23 1
Haiti.....	1964	1,925	6	276	75	1	19	<sup>25</sup> 314	<sup>23</sup> 25 81	<sup>23</sup> 25 20
Honduras.....	1964	3,768	9	267	<sup>26</sup> 93	<sup>26</sup> 2	16	249	<sup>23</sup> 23	(NA)
Hungary.....	1964	6,105	62	1,445	376	8	<sup>27</sup> 150	<sup>11</sup> 18,162	<sup>11</sup> 361	4,033
Iceland.....	1963	217	1	25	96	1	12	248	62	55
India.....	1963	372,743	863	42,280	88,075	829	14,570	<sup>7</sup> 9 77,780	<sup>7</sup> 9 6,089	<sup>7</sup> 9 58,172
Indonesia.....	1961	39,982	242	9,643	5,452	35	754	<sup>9</sup> 2,400	<sup>9</sup> 23 198	<sup>9</sup> 437
Iran.....	1965	(NA)	(NA)	2,130	(NA)	(NA)	480	<sup>12</sup> 7,090	<sup>12</sup> 1,291	<sup>12</sup> 2,282
Iraq.....	1964	4,606	36	958	551	(NA)	222	1,470	247	653
Ireland.....	1964	5,044	<sup>13</sup> 16	497	622	7	100	<sup>15</sup> 2,952	<sup>15</sup> 567	<sup>15</sup> 1,800
Israel.....	1964	1,517	<sup>28</sup> 22	449	354	<sup>28</sup> 6	62	5,928	1,146	1,384
Italy.....	1964	46,110	209	4,515	7,270	158	2,000	<sup>7</sup> 11 81,200	( <sup>11</sup> )	<sup>7</sup> 15 30,500
Japan.....	1964	26,210	345	10,031	16,490	<sup>4</sup> 461	9,209	<sup>6</sup> 7 103,799	<sup>6</sup> 7 33,481	<sup>6</sup> 7 64,915
Jordan.....	1964	1,183	7	275	<sup>29</sup> 632	<sup>29</sup> 4	<sup>29</sup> 93	361	52	180

See footnotes at end of table.

## No. 1282. EDUCATION AND HEALTH—Continued

[See text, p. 860; for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Yr.	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Dentists	Pharmacists
			1,000	1,000		1,000	1,000			
Korea, Rep. of	1964	5,004	75	4,726	1,551	25	904	<sup>7</sup> 9,695	<sup>7</sup> 1,722	<sup>7</sup> 8,519
Lebanon	1964	2,537	14	335	(NA)	5	78	<sup>6</sup> <sup>7</sup> 1,691	<sup>6</sup> 480	<sup>6</sup> 408
Liberia	1964	<sup>3</sup> 780	<sup>3</sup> 2	<sup>3</sup> 79	107	(Z)	6	90	14	13
Libya	1963	729	5	159	125	1	22	291	12	51
Luxembourg	1964	<sup>8</sup> 1,276	1	36	14	(NA)	7	<sup>6</sup> 316	<sup>6</sup> 121	<sup>6</sup> 166
Malawi	1965	2,451	9	331	76	1	17	80	<sup>23</sup> 3	(NA)
Mali	1964	672	3	139	185	1	19	112	3	8
Mexico	1965	39,057	148	6,916	<sup>4</sup> 3,785	(NA)	<sup>4</sup> 842	<sup>15</sup> 20,590	<sup>15</sup> 2,180	<sup>15</sup> 3,400
Netherlands	1964	7,851	44	1,398	2,145	26	524	<sup>6</sup> 13,636	<sup>6</sup> 2,722	<sup>6</sup> 900
New Zealand	1964	2,688	15	462	<sup>4</sup> 379	<sup>4</sup> 7	<sup>4</sup> 15	<sup>7</sup> 3,873	<sup>7</sup> 825	1,990
Nicaragua	1964	2,195	5	199	76	1	16	<sup>30</sup> 524	<sup>30</sup> 93	<sup>30</sup> 240
Nigeria	1964	14,976	85	2,849	<sup>20</sup> 1,343	<sup>20</sup> 11	<sup>20</sup> 205	<sup>7</sup> 1,777	<sup>7</sup> 59	<sup>7</sup> 652
Norway	1964	3,715	19	415	1,314	13	181	<sup>6</sup> 4,408	<sup>6</sup> 2,618	<sup>6</sup> 1,266
Pakistan	1964	60,961	191	6,385	8,054	83	2,402	15,668	250	(NA)
Panama	1964	1,503	6	196	58	2	33	534	51	39
Paraguay	1962	<sup>3</sup> <sup>12</sup> 2,605	<sup>3</sup> <sup>12</sup> 13	<sup>3</sup> <sup>12</sup> 349	146	2	17	<sup>7</sup> 1,082	303	<sup>7</sup> 675
Peru	1964	16,937	52	1,877	777	16	261	5,061	1,655	1,416
Philippines	1963	34,100	155	5,234	1,638	(NA)	823	<sup>12</sup> 22,503	<sup>12</sup> 10,625	<sup>12</sup> 18,813
Poland	1964	26,524	176	5,208	863	19	405	37,726	11,105	9,595
Portugal	1964	17,915	28	894	513	8	152	<sup>11</sup> 7,561	<sup>11</sup> 95	2,334
Romania	1964	14,918	123	2,992	555	13	330	<sup>11</sup> 26,200	<sup>11</sup> 556	4,648
Singapore	1964	469	11	348	88	3	90	902	101	101
South Africa	1960	<sup>31</sup> <sup>12</sup> 136	<sup>31</sup> <sup>70</sup>	<sup>31</sup> <sup>2</sup> 632	( <sup>31</sup> )	( <sup>31</sup> )	( <sup>31</sup> )	<sup>6</sup> <sup>7</sup> 8,968	<sup>6</sup> <sup>7</sup> 1,337	<sup>6</sup> <sup>7</sup> 2,211
Spain	1964	<sup>3</sup> 105,636	<sup>3</sup> 108	<sup>3</sup> 763	1,663	26	745	<sup>6</sup> <sup>7</sup> 37,743	<sup>6</sup> <sup>7</sup> 2,916	<sup>6</sup> <sup>7</sup> 12,496
Sudan	1965	3,112	11	492	605	4	92	<sup>6</sup> 435	<sup>6</sup> 38	<sup>6</sup> 63
Sweden	1964	(NA)	(NA)	828	399	17	181	<sup>6</sup> 7,940	<sup>6</sup> 5,600	<sup>6</sup> 2,470
Switzerland	1964	(NA)	(NA)	469	(NA)	(NA)	242	8,578	2,312	1,545
Syria	1964	4,365	18	648	512	6	166	<sup>6</sup> 978	<sup>6</sup> 243	<sup>6</sup> 32 348
Tanzania, United Republic	1964	3,721	12	634	63	1	20	500	30	(NA)
Thailand	1964	<sup>33</sup> 27,600	<sup>33</sup> 151	4,500	( <sup>33</sup> )	( <sup>33</sup> )	312	<sup>6</sup> 3,815	<sup>6</sup> 335	<sup>6</sup> 1,108
Turkey	1964	(NA)	79	3,736	1,082	19	479	9,664	1,742	1,744
U.S.S.R.	1964	161,400	1,417	37,581	<sup>5</sup> 29,300	<sup>5</sup> 231	<sup>5</sup> 4,182	467,400	64,700	(NA)
United Arab Rep.	1964	7,757	86	3,335	1,386	32	668	<sup>7</sup> 12,120	<sup>7</sup> 1,193	<sup>7</sup> 3,614
U.K. <sup>34</sup>	1964	25,844	<sup>31</sup> 371	4,519	6,564	( <sup>31</sup> )	3,162	57,000	11,300	(NA)
Uruguay	1964	(NA)	(NA)	<sup>6</sup> 320	<sup>12</sup> 193	(NA)	<sup>12</sup> 85	2,700	1,250	<sup>32</sup> 752
Venezuela	1964	10,837	41	1,397	539	8	173	<sup>6</sup> 6,246	<sup>6</sup> 1,515	<sup>6</sup> 1,152
Viet-Nam, Rep.	1964	5,762	27	1,564	592	10	329	<sup>9</sup> 748	<sup>9</sup> 111	<sup>9</sup> 452
Yugoslavia	1964	14,317	101	2,972	370	8	162	<sup>25</sup> 16,343	<sup>25</sup> 3,544	<sup>25</sup> 3,310
Zambia	1964	(NA)	(NA)	<sup>35</sup> 365	<sup>35</sup> 54	(NA)	<sup>35</sup> 9	165	7	68

NA Not available. Z Less than 500.

<sup>1</sup> Schools providing basic training and education to children within compulsory or customary ages of full-time education; length of this education may vary from 4 to 9 years from country to country. Excludes nursery school and kindergarten.

<sup>2</sup> Middle, secondary, or high schools providing general instruction more advanced than primary level.

<sup>3</sup> Includes preschool education. <sup>4</sup> Includes technical education. <sup>5</sup> Grades 9 through 11.

<sup>6</sup> For 1963. <sup>7</sup> Registered personnel. <sup>8</sup> Public education only. <sup>9</sup> For 1962.

<sup>10</sup> Personnel in hospitals and clinics.

<sup>11</sup> Stomatologists and odontologists included with physicians. <sup>12</sup> For 1964. <sup>13</sup> Includes special education.

<sup>14</sup> Schools providing both primary and secondary education included in primary. <sup>15</sup> For 1961.

<sup>16</sup> Preschool, secondary, and technical schools included with primary.

<sup>17</sup> Technical and secondary included with primary. <sup>18</sup> For 1958. <sup>19</sup> Includes evening schools.

<sup>20</sup> Excludes Turkish schools. <sup>21</sup> Secondary and special schools included with primary.

<sup>22</sup> Includes West Berlin.

<sup>23</sup> Personnel in government public health services only. <sup>24</sup> Excludes unaided schools. <sup>25</sup> For 1965.

<sup>26</sup> Includes technical and teacher-training schools. <sup>27</sup> Full-time only.

<sup>28</sup> Number of teaching positions. <sup>29</sup> Includes commercial schools. <sup>30</sup> For 1960.

<sup>31</sup> Secondary schools included with primary. <sup>32</sup> Pharmacists in pharmacies only.

<sup>33</sup> Preschool and secondary included with primary. <sup>34</sup> England and Wales only. <sup>35</sup> African education only

Source: Statistical Office of the United Nations, *Statistical Yearbook*.



## No. 1283. UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER ASSESSMENTS: 1967

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICULTURE ORGANIZATION (FAO)		U.N. EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION (UNESCO)		WORLD HEALTH ORGANIZATION (WHO)	
	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount
Gross budget.....	(X)	\$130,314,230	(X)	\$24,987,000	(X)	\$30,753,070	(X)	\$53,416,330
Other income <sup>1</sup> .....	(X)	-12,245,559	(X)	-1,157,000	(X)	-653,070	(X)	-123,640
<b>Total member assessments.....</b>	<b><sup>2</sup> 100.37</b>	<b>118,068,671</b>	<b>100.00</b>	<b>23,830,000</b>	<b>100.00</b>	<b>30,100,000</b>	<b>100.00</b>	<b>53,292,690</b>
Afghanistan.....	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Albania.....	0.04	47,053	( <sup>3</sup> )	( <sup>3</sup> )	0.04	12,040	0.04	21,320
Algeria.....	0.10	117,634	0.13	30,979	0.09	27,090	0.09	47,960
Argentina.....	0.92	1,082,228	1.21	288,343	0.86	258,860	0.82	437,000
Australia.....	1.58	1,858,609	2.08	495,664	1.48	445,480	1.41	751,430
Austria.....	0.53	623,458	0.70	166,810	0.50	150,500	0.47	250,470
Barbados.....	0.04	47,053	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Belgium.....	1.15	1,352,785	1.51	359,833	1.08	325,080	1.02	543,580
Bolivia.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Botswana.....	0.04	47,053	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Brazil.....	0.95	1,117,518	1.25	297,875	0.89	267,890	0.85	452,990
Bulgaria.....	0.17	199,977	( <sup>3</sup> )	( <sup>3</sup> )	0.16	48,160	0.15	79,940
Burma.....	0.06	70,580	0.08	19,064	0.05	15,050	0.05	26,640
Burundi.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Byelorussian S.S.R.....	0.52	611,694	( <sup>3</sup> )	( <sup>3</sup> )	0.49	147,490	0.46	245,150
Cambodia.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Cameroon.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Canada.....	3.17	3,728,980	4.17	993,711	2.97	893,970	2.83	1,508,180
Central African Rep.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Ceylon.....	0.08	94,107	0.10	23,830	0.07	21,070	0.07	37,300
Chad.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Chile.....	0.27	317,610	0.35	83,405	0.25	75,250	0.24	127,900
China (Taiwan).....	4.25	4,999,421	( <sup>3</sup> )	( <sup>3</sup> )	2.50	752,500	3.79	2,019,790
Colombia.....	0.23	270,557	0.30	71,490	0.21	63,210	0.21	111,910
Congo (Brazzaville).....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Congo (Kinshasa).....	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Costa Rica.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Cuba.....	0.20	235,267	0.26	61,958	0.19	57,190	0.18	95,920
Cyprus.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Czechoslovakia.....	1.11	1,305,731	( <sup>3</sup> )	( <sup>3</sup> )	1.04	313,040	0.99	527,600
Dahomey.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Denmark.....	0.62	729,328	0.82	195,406	0.58	174,580	0.55	293,110
Dominican Republic.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Ecuador.....	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
El Salvador.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Ethiopia.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Finland.....	0.43	505,825	0.57	135,831	0.40	120,400	0.38	202,510
France.....	6.09	7,163,876	8.01	1,908,783	5.71	1,718,710	5.43	2,893,790
Gabon.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Gambia.....	0.04	47,053	0.04	9,532	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Germany, Fed. Rep. of.....	( <sup>3</sup> )	( <sup>3</sup> )	9.74	2,321,042	6.95	2,091,950	6.61	3,522,650
Ghana.....	0.08	94,107	0.10	23,830	0.07	21,070	0.07	37,300
Greece.....	0.25	294,084	0.33	78,639	0.23	69,230	0.22	117,240
Guatemala.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Guinea.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Guyana.....	0.04	47,053	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Haiti.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Honduras.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Hungary.....	0.56	658,747	( <sup>3</sup> )	( <sup>3</sup> )	0.52	156,520	0.50	266,460
Iceland.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
India.....	1.85	2,176,219	2.43	579,069	1.73	520,730	1.65	879,330
Indonesia.....	0.39	458,771	( <sup>3</sup> )	( <sup>3</sup> )	0.36	108,360	0.35	186,520
Iran.....	0.20	235,267	0.26	61,958	0.19	57,190	0.18	95,920
Iraq.....	0.08	94,107	0.10	23,830	0.07	21,070	0.07	37,300
Ireland.....	0.16	188,214	0.21	50,043	0.15	45,150	0.14	74,610
Israel.....	0.17	199,977	0.22	52,426	0.16	48,160	0.15	79,940
Italy.....	2.54	2,987,889	3.34	795,922	2.38	716,380	2.26	1,204,410
Ivory Coast.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Jamaica.....	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Japan.....	2.77	3,258,446	3.64	867,412	2.60	782,600	2.47	1,316,330
Jordan.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Kenya.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Korea.....	( <sup>3</sup> )	( <sup>3</sup> )	0.17	40,511	0.12	36,120	0.12	63,950
Kuwait.....	0.06	70,580	0.08	19,064	0.05	15,050	0.05	26,640
Laos.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Lebanon.....	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Lesotho.....	0.04	47,053	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Liberia.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Libya.....	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320

See footnotes at end of table.

## No. 1283. UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER ASSESSMENTS: 1967—Continued

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICULTURE ORGANIZATION (FAO)		U.N. EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION (UNESCO)		WORLD HEALTH ORGANIZATION (WHO)	
	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount
Luxembourg	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Madagascar	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Malawi	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Malaysia	0.12	141,161	0.16	38,128	0.11	33,110	0.11	58,620
Mali	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Maldives Islands	0.04	47,053	(3)	(3)	(3)	(3)	0.04	21,320
Malta	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Mauritania	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Mauritius	(3)	(3)	(3)	(3)	(3)	(3)	0.02	10,660
Mexico	0.81	952,831	1.06	252,598	0.76	228,760	0.72	383,710
Monaco	(3)	(3)	(3)	(3)	0.04	12,040	0.04	21,320
Mongolia	0.04	47,053	(3)	(3)	0.04	12,040	0.04	21,320
Morocco	0.11	129,397	0.14	33,362	0.10	30,100	0.10	53,280
Nepal	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Netherlands	1.11	1,305,731	1.46	347,918	1.04	313,040	0.99	527,600
New Zealand	0.38	447,007	0.50	119,150	0.35	105,350	0.34	181,190
Nicaragua	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Niger	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Nigeria	0.17	199,977	0.22	52,426	0.16	48,169	0.15	79,940
Norway	0.44	517,587	0.58	138,214	0.41	123,410	0.39	207,840
Pakistan	0.37	435,244	0.49	116,767	0.35	105,350	0.33	175,860
Panama	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Paraguay	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Peru	0.09	105,870	0.12	28,596	0.08	24,080	0.08	42,630
Philippines	0.35	411,717	0.46	109,618	0.33	99,330	0.31	165,210
Poland	1.45	1,705,685	1.91	455,153	1.36	409,360	1.29	687,470
Portugal	0.15	176,450	0.20	47,660	0.14	42,140	0.13	69,280
Qatar	(3)	(3)	(3)	(3)	(3)	(3)	0.02	10,660
Romania	0.35	411,717	0.46	109,618	0.33	99,330	0.31	165,210
Rwanda	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Saudi Arabia	0.07	82,344	0.09	21,447	0.06	18,060	0.06	31,970
Senegal	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Sierra Leone	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Singapore	0.04	47,053	(3)	(3)	0.04	12,040	0.04	21,320
Somalia	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
South Africa	0.52	611,694	(3)	(3)	(3)	(3)	0.46	245,150
Southern Rhodesia	(3)	(3)	(3)	(3)	(3)	(3)	0.02	10,660
Spain	0.73	858,724	0.96	228,768	0.68	204,680	0.65	346,400
Sudan	0.06	70,580	0.08	19,064	0.05	15,050	0.05	26,640
Sweden	1.26	1,482,182	1.66	395,578	1.18	355,180	1.12	596,880
Switzerland	(3)	(3)	1.16	276,428	0.82	246,820	0.78	415,680
Syria	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Tanzania	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Thailand	0.14	164,687	0.18	42,894	0.13	39,130	0.12	63,950
Togo	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Trinidad and Tobago	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Tunisia	0.05	58,817	0.07	16,681	0.05	15,050	0.05	26,640
Turkey	0.35	411,717	0.46	109,618	0.33	99,330	0.31	165,210
Uganda	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Ukrainian S.S.R.	1.97	2,317,379	(3)	(3)	1.85	556,850	1.76	937,950
U.S.S.R.	14.92	17,550,908	(3)	(3)	14.00	4,214,000	13.30	7,087,930
United Arab Republic	0.23	270,557	0.30	71,490	0.21	63,210	0.21	111,910
United Kingdom	7.21	8,481,371	9.48	2,259,084	6.76	2,034,760	6.43	3,426,720
United States	31.91	37,536,827	31.91	7,604,153	29.94	9,011,940	31.20	16,627,320
Upper Volta	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Uruguay	0.10	117,634	0.13	30,979	0.09	27,090	0.09	47,960
Venezuela	0.50	588,168	0.66	157,278	0.47	141,470	0.45	239,820
Viet Nam, Rep. of	(3)	(3)	0.10	23,830	0.07	21,070	0.07	37,300
Western Samoa	(3)	(3)	(3)	(3)	(3)	(3)	0.04	21,320
Yemen	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320
Yugoslavia	0.36	423,481	0.47	112,061	0.34	102,340	0.32	170,540
Zambia	0.04	47,053	0.04	9,532	0.04	12,040	0.04	21,320

X Not applicable.

<sup>1</sup> Includes miscellaneous income and, if pertinent, adjustments with respect to budgets of prior years.<sup>2</sup> Reflects Indonesia's return to membership as well as admission of new members.<sup>3</sup> Nonmember. <sup>4</sup> Inactive member.<sup>5</sup> The U.S. received a credit of \$3,917,065 (fifth repayment on U.N. bonds purchased by the U.S.), making its net contribution \$33,619,762.<sup>6</sup> In addition, the U.S. is required to make a working capital fund advance of \$118,560, making its total contribution \$9,130,500.<sup>7</sup> In addition, the U.S. is required to make a working capital fund advance of \$144,025, making its total contribution \$16,771,345.

Source: Dept. of State, Office of International Administration; unpublished data.



# No. 1284. INTERNATIONAL ORGANIZATIONS AND PROGRAMS—UNITED STATES CONTRIBUTIONS AND PERCENTAGE SHARE: 1967

[For year ending June 30. Amounts reported include annual contributions (and, where applicable, advances to the organization's working capital fund and/or credits due the United States) financed from funds appropriated for the fiscal year ending June 30, 1967. Excludes the cost to the U.S. Government of: (a) the salaries and expenses of American employees detailed to the secretariats of international organizations; (b) the cost of the participation in international conferences; (c) loans to international organizations or the repayments thereon which are made to the U.S. Government; (d) surplus commodities donated pursuant to Public Law 480, unless a contribution was pledged in kind; (e) two-party contractual or other arrangements between an agency of the U.S. Government and an international organization for research or other services to be performed]

ORGANIZATION	ESTIMATED U.S. CONTRIBUTION	
	Amount (\$1,000)	U.S. percent of total assessed or pledged
<b>U.S. contributions</b> .....	<b>295,778</b>	<b>38.59</b>
<b>United Nations and specialized agencies (assessed budgets)</b> .....	<b>75,115</b>	<b>30.44</b>
Food and Agriculture Organization.....	7,601	31.91
Intergovernmental Maritime Consultative Organization.....	123	12.80
International Civil Aviation Organization.....	1,888	31.28
ICAO—Joint financing program.....	1,698	36.37
International Labor Organization.....	5,085	25.00
International Telecommunication Union.....	550	11.69
United Nations.....	36,684	31.91
United Nations Educational, Scientific, and Cultural Organization.....	7,196	30.00
Universal Postal Union.....	48	4.29
World Health Organization.....	13,722	31.20
World Meteorological Organization.....	520	23.99
<b>United Nations Peacekeeping Forces</b> .....	<b>14,837</b>	<b>38.82</b>
United Nations Emergency Force.....	6,837	36.87
United Nations Force in Cyprus.....	8,000	40.66
<b>Inter-American Organizations<sup>1</sup></b> .....	<b>18,604</b>	<b>66.27</b>
Inter-American Indian Institute.....	62	65.65
Inter-American Institute of Agricultural Sciences.....	1,819	66.00
Inter-American Tropical Tuna Commission.....	423	91.96
Organization of American States, including frequency notifications.....	10,967	66.00
Pan American Health Organization.....	5,234	66.00
Pan American Institute of Geography and History.....	90	60.62
<b>Regional Organizations<sup>1</sup></b> .....	<b>10,895</b>	<b>24.14</b>
Central Treaty Organization.....	96	20.00
International Control Commission for Laos.....	200	17.60
North Atlantic Treaty Organization, civilian headquarters.....	6,342	24.20
North Atlantic Treaty Organization, Parliamentarians' Conference.....	54	24.20
Organization for Economic Cooperation and Development.....	3,838	25.00
South Pacific Commission.....	169	20.29
Southeast Asia Treaty Organization.....	190	25.00
<b>Other international organizations<sup>1</sup></b> .....	<b>5,379</b>	<b>32.22</b>
International Atomic Energy Agency.....	2,519	31.91
International Bureau of Weights and Measures.....	52	10.00
International Coffee Organization.....	148	20.00
International Cotton Advisory Committee.....	23	11.89
International Council of Scientific Unions and its associated unions.....	81	<sup>2</sup> 14.98
International Institute for Cotton.....	2,370	53.47
International North Pacific Fisheries Commission.....	25	33.33
<b>Special voluntary programs</b> .....	<b>170,948</b>	<b>(<sup>3</sup>)</b>
Indus Basin Development.....	22,614	<sup>4</sup> 44.00
Intergovernmental Committee for European Migration.....	3,350	29.28
International Atomic Energy Agency, operational program.....	1,000	40.00
International Secretariat for Volunteer Services.....	45	28.00
Organization of American States, Special Development Assistance Fund.....	3,951	66.00
Pan American Health Organization, AFTOSO.....	340	<sup>(3)</sup>
Pan American Health Organization, Community Water Supply Program.....	115	100.00
Pan American Health Organization, Malaria Eradication Program.....	1,300	100.00
United Nations Children's Fund.....	<sup>6</sup> 13,000	38.44
United Nations Development Program.....	70,000	37.44
United Nations Food and Agriculture Organization, world food program.....	<sup>7</sup> 27,000	<sup>4</sup> 49.18
United Nations High Commissioner for Refugees Program.....	400	<sup>(3)</sup>
United Nations Institute for Training and Research.....	500	40.00
United Nations Relief and Works Agency for Palestine Refugees.....	22,200	<sup>(3)</sup> 64.49
United Nations Research Institute for Social Development.....	277	
United Nations Technical and Operational Assistance to the Congo.....	4,000	42.72
United Nations Trust Fund for Viet-Nam.....	706	100.00
World Health Organization, medical research.....	150	12.50

<sup>1</sup> Includes organizations not shown separately. <sup>2</sup> Estimated. <sup>3</sup> Undetermined.

<sup>4</sup> Percentage overall for duration of the program.

<sup>5</sup> Includes \$140,000 pledged on a 66 percent matching basis and \$200,000 pledged without matching restriction.

<sup>6</sup> Includes \$1,000,000 pledged without regard to the 40 percent matching restriction.

<sup>7</sup> Includes portion of pledge over 6-year period consisting of cash, commodities, and shipping services.

Source: Dept. of State, Office of International Administration; unpublished data.

## Section 34

### Metropolitan Area Statistics

The metropolitan areas for which statistics are presented here are those officially defined as standard metropolitan statistical areas (SMSA's) by the U.S. Bureau of the Budget in *Standard Metropolitan Statistical Areas, 1967*. As of July 1, 1967, there were 231 SMSA's. The 3 SMSA's in Puerto Rico, are not included here because data for most of the items selected are not available for these areas.

Two tables form the basic framework of this section: Table 1 presents 144 items of information for the 110 SMSA's of 50,000 to 250,000 inhabitants or more; table 2 shows 63 items for the remaining SMSA's of 50,000 to 250,000 inhabitants. The differences in content between table 1 and table 2 are due primarily to the lack of certain data for the smaller SMSA's.

For New England, data are shown here for both metropolitan State economic areas (SEA's) and SMSA's wherever it was possible to do so. SEA's consist of whole counties; SMSA's in New England, of towns and cities. SEA data are included because, for a large number of the items shown here, only county data are available to serve as a basis for providing metropolitan area figures.

The Bureau of the Budget first issued definitions for metropolitan areas in 1949. The primary objective in establishing standard definitions was to make it possible for all Federal agencies to utilize the same boundaries in publishing statistical data useful for analyzing metropolitan problems.

The general concept of a metropolitan area is one of an integrated economic and social unit with a recognized large population nucleus. Each SMSA contains at least one central city with at least 50,000 inhabitants or more. The SMSA includes the county of such a central city and adjacent counties that are found to be metropolitan in character and economically and socially integrated with the county of the central city. In New England, as noted above, the requirement with regard to a central city as a nucleus still holds, but the units comprising the area are the towns rather than counties. The county (or town in New England) is the basic statistical unit. An SMSA may contain more than one city provided the cities have contiguous boundaries and a combined population of at least 50,000, the smaller of which must have a population of at least 15,000. The largest city is considered the nucleus and usually gives the name to the area. However, the name may also include other cities in the area. Standard metropolitan statistical areas may cross State lines.

Area boundaries have been redefined from time to time because of population changes that have taken place since the inception of the concept of SMSA's. Unless otherwise noted, the statistics in these tables are for SMSA's as defined on July 1, 1967. Titles and definitions of SMSA's and of the New England SEA's appear on pages 941-944.

Reprints of this section of the *Statistical Abstract* may be obtained from the Superintendent of Documents, Washington, D.C. 20402. Price per copy, 25 cents; sets of 100 copies, \$18.75.



TABLE 1. METROPOLITAN AREAS—SMSA's

SMSA		POPULATION AND AREA <sup>1</sup>							
		Population, Apr. 1, 1960			Land area, 1960	Population estimates, July 1, 1965	Percent change, 1960 to 1965		
		Total	Rank	Non-white			Total	Natural increase	Net migration
		1,000		Percent	Sq. mi.	1,000			
1	Akron, Ohio	605	47	7.3	905	650	7.4	7.2	0.2
2	Albany-Schenectady-Troy, N.Y.	658	42	2.6	2,016	697	6.1	4.7	1.4
3	Albuquerque, N. Mex.	262	104	3.3	1,169	288	10.0	12.1	-2.1
4	Allentown-Bethlehem-Easton, Pa.-N.J.	492	58	0.8	1,086	515	4.6	4.2	0.4
5	Anaheim-Santa Ana-Garden Grove, Calif.	704	39	1.4	782	1,107	57.3	12.2	45.1
6	Atlanta, Ga.	1,017	24	22.8	1,727	1,216	19.6	9.1	10.4
7	Bakersfield, Calif.	292	88	7.0	8,152	319	9.4	9.1	0.3
8	Baltimore, Md.	1,804	12	21.6	2,255	<sup>6</sup> 1,854	<sup>6</sup> 7.3	<sup>6</sup> 7.1	<sup>6</sup> 0.2
9	Beaumont-Port Arthur-Orange, Tex.	306	86	20.7	1,310	313	2.3	8.2	-5.9
10	Binghamton, N.Y.-Pa.	284	90	0.6	2,072	297	4.8	6.8	-2.0
11	Birmingham, Ala.	721	37	32.1	2,722	7,644	<sup>7</sup> 1.4	<sup>7</sup> 6.2	<sup>7</sup> -4.8
12	Boston, Mass. SEA	3,109	(X)	2.9	1,769	3,205	3.1	5.7	-2.6
13	Boston, Mass. SMSA	2,595	7	3.4	986	(NA)	(NA)	(NA)	(NA)
14	Bridgeport, Conn. SEA	654	(X)	5.3	627	746	14.2	6.0	8.2
15	Bridgeport, Conn. SMSA	338	75	5.3	193	(NA)	(NA)	(NA)	(NA)
16	Buffalo, N.Y.	1,307	16	6.8	1,591	1,320	1.0	6.0	-5.0
17	Canton, Ohio	340	74	5.4	576	356	4.5	5.9	-1.4
18	Charleston, S.C.	255	108	38.5	2,049	296	16.1	11.6	4.5
19	Charleston, W. Va.	253	109	5.8	907	245	-3.0	6.5	-9.5
20	Charlotte, N.C.	317	83	24.2	1,185	360	13.7	9.0	4.7
21	Chattanooga, Tenn.-Ga.	283	91	17.6	995	292	3.2	6.5	-3.3
22	Chicago, Ill.	6,221	2	14.8	3,720	6,689	7.5	7.1	0.4
23	Cincinnati, Ohio-Ind.-Ky.	1,268	18	10.4	2,150	1,347	6.2	7.3	-1.2
24	Cleveland, Ohio	1,909	11	13.7	1,519	2,000	4.7	6.3	-1.5
25	Columbia, S.C.	261	105	29.0	1,465	289	10.7	8.5	2.2
26	Columbus, Ohio	755	33	11.0	1,494	847	12.1	8.5	3.6
27	Corpus Christi, Tex.	267	100	4.2	1,531	286	7.2	11.4	-4.2
28	Dallas, Tex.	1,119	20	15.0	4,565	<sup>8</sup> 1,289	<sup>8</sup> 18.9	<sup>8</sup> 9.3	<sup>8</sup> 9.6
29	Davenport-Rock Island-Moline, Iowa-Ill.	319	81	2.1	1,704	339	6.2	6.7	-0.5
30	Dayton, Ohio	727	35	9.7	1,708	791	8.8	7.8	1.0
31	Denver, Colo.	929	27	4.2	3,662	1,073	15.5	8.9	6.6
32	Des Moines, Iowa	266	102	4.1	594	271	1.7	7.0	-5.4
33	Detroit, Mich.	3,762	5	15.1	1,952	3,987	6.0	7.4	-1.5
34	Duluth-Superior, Minn.-Wis.	277	97	0.8	7,405	267	-3.4	4.8	-8.3
35	El Paso, Tex.	314	84	3.3	1,058	344	9.6	16.5	-6.9
36	Erie, Pa.	251	110	2.8	813	255	1.7	6.2	-4.5
37	Flint, Mich.	416	66	9.0	1,300	459	10.2	9.8	0.4
38	Fort Lauderdale-Hollywood, Fla.	334	76	16.6	1,219	441	32.2	5.9	26.3
39	Fort Worth, Tex.	573	50	10.7	1,607	627	9.4	7.8	1.6
40	Fresno, Calif.	366	71	7.5	5,968	403	10.2	8.3	1.9
41	Gary-Hammond-East Chicago, Ind.	574	49	15.3	937	596	3.9	8.9	-5.1
42	Grand Rapids, Mich.	462	60	3.4	1,420	502	8.6	8.5	(Z)
43	Greensboro-Winston-Salem-High Point, N.C.	520	53	19.9	2,211	<sup>9</sup> 474	<sup>9</sup> 8.8	<sup>9</sup> 8.0	<sup>9</sup> 0.7
44	Greenville, S.C.	256	106	16.3	1,294	267	4.3	8.3	-4.0
45	Harrisburg, Pa.	372	69	6.3	1,624	391	5.2	5.4	-0.2
46	Hartford, Conn. SEA	690	(X)	4.7	739	765	11.0	7.1	3.9
47	Hartford, Conn. SMSA	549	52	5.4	672	(NA)	(NA)	(NA)	(NA)
48	Honolulu, Hawaii	500	56	64.3	598	571	14.1	12.9	1.2
49	Houston, Tex.	1,418	15	19.8	6,286	1,696	19.6	9.7	9.8
50	Huntington-Ashland, W. Va.-Ky.-Ohio.	255	107	3.0	1,408	260	2.2	5.7	-3.5
51	Indianapolis, Ind.	944	25	10.8	3,080	<sup>10</sup> 984	<sup>10</sup> 7.3	<sup>10</sup> 8.2	<sup>10</sup> -0.9
52	Jacksonville, Fla.	455	62	23.4	766	497	9.2	9.6	-0.3
53	Jersey City, N.J.	611	46	6.9	47	619	1.3	4.6	-3.3
54	Johnstown, Pa.	281	93	1.3	1,780	270	-3.9	3.8	-7.7
55	Kansas City, Mo.-Kans.	1,093	22	10.9	2,767	1,183	8.3	7.5	0.8
56	Knoxville, Tenn.	368	70	7.5	1,418	390	5.8	6.8	-0.9
57	Lancaster, Pa.	278	94	1.3	946	289	3.8	6.5	-2.8
58	Lansing, Mich.	299	87	2.8	1,702	336	12.3	9.0	3.3
59	Little Rock-North Little Rock, Ark.	272	98	19.9	1,489	<sup>11</sup> 279	<sup>11</sup> 14.7	<sup>11</sup> 8.9	<sup>11</sup> 5.8

See notes on pp. 938-940.

WITH 250,000 POPULATION OR MORE

BIRTHS, 1965 <sup>2</sup>			DEATHS, 1965 <sup>2</sup>			Mar- riages, 1964 <sup>2</sup>	VOTE CAST FOR PRESIDENT <sup>4</sup> (D-Dem., R-Rep.)				
Total	Rate <sup>3</sup>	Percent non- white	Total	Rate <sup>3</sup>	Percent non- white		1964		1960		
							Total	Percent majority party	Total	Percent majority party	
12,108	18.6	9.6	5,607	8.6	7.8	4,179	1,000 244	D-67.7	1,000 220	D-50.1	1
12,932	18.5	3.2	7,809	11.2	1.4	4,628	336	D-73.6	350	D-52.3	2
6,500	22.5	-	1,803	6.2	-	<sup>5</sup> 2,753	98	D-56.0	86	R-52.1	3
8,394	16.3	-	5,496	10.7	-	3,728	202	D-68.7	206	R-54.3	4
23,398	21.1	-	6,647	6.0	-	6,456	401	R-55.9	288	R-60.8	5
26,294	21.6	28.2	9,531	7.8	29.6	9,972	321	R-50.1	197	D-53.5	6
6,576	20.6	9.6	2,464	7.7	9.0	2,281	109	D-53.7	105	R-50.4	7
39,056	<sup>6</sup> 19.9	29.5	18,640	<sup>6</sup> 9.7	22.7	18,040	632	D-67.4	616	D-55.8	8
5,728	18.3	30.2	2,350	7.5	28.3	<sup>5</sup> 3,444	89	D-60.5	85	D-58.4	9
5,710	19.2	-	2,982	10.0	-	2,163	123	D-62.8	123	R-61.7	10
13,414	<sup>7</sup> 17.9	36.5	7,338	<sup>7</sup> 10.0	38.7	6,637	162	R-71.4	127	R-54.1	11
60,830	19.0	5.3	35,248	11.0	2.9	21,529	1,414	D-77.3	1,496	D-61.0	12
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13
13,526	18.1	12.7	6,566	8.8	5.9	5,615	321	D-60.8	314	R-53.4	14
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	15
25,224	19.1	9.8	13,490	10.2	6.0	8,650	568	D-72.6	591	D-55.6	16
6,536	18.4	8.5	3,551	10.0	5.9	2,487	142	D-62.3	150	R-55.2	17
7,380	25.0	38.9	2,202	7.4	47.5	2,739	57	R-68.1	38	R-61.9	18
4,174	17.0	8.3	2,215	9.0	8.3	2,096	109	D-64.8	112	R-51.2	19
7,214	20.0	31.4	2,751	7.6	31.1	1,458	108	D-52.8	99	R-52.8	20
5,382	18.4	22.1	2,778	9.5	23.7	2,453	90	R-51.2	80	R-54.8	21
136,208	20.4	24.0	65,509	9.8	15.8	57,365	2,936	D-60.5	2,915	D-53.3	22
27,390	20.3	12.6	12,752	9.5	11.3	11,043	502	D-55.7	535	R-55.3	23
37,804	18.9	17.7	19,303	9.7	13.5	14,232	798	D-70.0	829	D-58.0	24
5,690	19.7	37.3	2,186	7.6	35.8	2,663	62	R-63.4	43	R-63.2	25
17,294	20.4	13.0	7,051	8.3	13.0	6,695	315	D-53.9	301	R-60.0	26
6,606	23.1	4.0	1,818	6.4	5.3	<sup>5</sup> 2,725	64	D-74.4	57	D-61.0	27
27,146	<sup>8</sup> 20.6	23.0	9,797	<sup>8</sup> 7.3	18.1	13,954	347	D-56.7	277	R-59.8	28
7,132	21.0	-	3,297	9.7	-	3,177	139	D-61.3	142	R-52.5	29
15,176	19.2	12.0	6,291	8.0	10.4	6,043	280	D-62.4	290	R-55.3	30
20,608	19.2	6.3	8,330	7.8	4.4	<sup>9</sup> 9,883	438	D-62.3	394	R-52.9	31
5,324	19.7	5.9	2,611	9.6	5.2	2,134	112	D-66.3	119	R-53.7	32
79,800	20.0	18.5	34,447	8.6	15.9	32,501	1,569	D-73.0	1,639	D-61.9	33
4,416	16.5	-	3,080	11.5	-	1,690	125	D-75.8	131	D-62.8	34
10,000	29.1	3.1	1,953	5.7	3.5	3,064	56	D-62.7	43	D-54.6	35
5,094	20.0	-	2,594	10.2	-	2,010	105	D-69.5	106	D-50.9	36
10,400	22.7	12.4	3,564	7.8	8.9	4,233	164	D-66.6	163	R-52.4	37
7,218	16.4	32.0	4,621	10.5	12.0	3,446	154	R-55.5	116	R-58.8	38
12,344	19.7	16.8	5,139	8.2	13.4	<sup>5</sup> 5,394	164	D-63.2	141	R-54.7	39
8,120	20.1	9.4	3,230	8.0	7.8	2,830	136	D-65.6	131	D-55.2	40
12,906	21.7	18.7	4,836	8.1	17.5	5,551	237	D-62.4	238	D-60.2	41
10,360	20.7	6.5	4,236	8.4	3.1	4,370	199	D-53.9	201	R-63.8	42
10,884	<sup>9</sup> 19.5	25.7	4,616	<sup>9</sup> 8.1	25.9	4,220	171	D-50.1	165	R-59.3	43
5,474	20.5	22.0	2,246	8.4	21.9	3,047	56	R-62.9	43	R-61.9	44
6,942	17.8	-	3,998	10.2	-	2,551	151	D-52.0	159	R-66.1	45
14,918	19.5	10.1	6,558	8.6	4.4	5,119	330	D-72.9	332	D-58.9	46
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	47
13,938	24.4	66.4	2,684	4.7	66.6	4,896	155	D-78.4	134	D-51.3	48
35,082	20.7	26.6	11,629	6.9	24.3	16,361	434	D-60.0	369	R-51.2	49
4,854	18.6	-	2,554	9.8	-	2,341	101	D-63.4	107	R-55.5	50
21,432	<sup>10</sup> 21.3	15.2	9,618	<sup>10</sup> 9.5	13.0	8,922	416	D-50.1	405	R-59.3	51
10,928	22.0	28.9	4,315	8.7	31.4	3,048	160	R-50.5	129	D-54.3	52
11,546	18.7	17.6	7,328	11.8	6.5	5,091	272	D-73.5	291	D-60.0	53
4,520	16.8	-	3,216	11.9	-	1,652	114	D-63.9	125	D-53.7	54
23,604	20.0	16.5	10,744	9.1	14.1	10,128	432	D-63.1	467	D-50.3	55
6,702	17.2	7.9	3,256	8.4	9.3	2,873	127	R-50.2	124	R-60.7	56
5,528	19.1	-	2,714	9.4	-	1,932	106	D-50.3	112	R-70.1	57
7,048	21.0	-	2,506	7.5	-	3,287	123	D-61.0	123	R-64.2	58
6,288	<sup>11</sup> 20.8	25.9	2,680	<sup>11</sup> 8.7	25.2	3,286	89	D-52.1	63	D-47.8	59



TABLE 1. METROPOLITAN AREAS—SMSA's

	SMSA	EMPLOYMENT AND PAYROLLS, 1965 <sup>1</sup> (social security coverage)			EMPLOYEES ON NONAGRICULTURAL PAYROLLS, 1965 <sup>2</sup>			
		Report- ing units	Employ- ees, mid- March pay period	Taxable payrolls, January- March	Total	Con- tract con- struc- tion	Manu- factur- ing	Trans- portation and public utilities
				\$1,000	1,000	Percent	Percent	Percent
1	Akron, Ohio.....	9,240	176,831	262,220	208	3.7	44.1	6.5
2	Albany-Schenectady-Troy, N.Y. ....	11,394	177,347	239,218	245	4.4	25.8	5.8
3	Albuquerque, N. Mex. ....	5,427	67,498	83,185	94	7.5	8.7	7.1
4	Allentown-Bethlehem-Easton, Pa.- N.J. ....	9,328	170,353	213,670	198	3.8	51.7	5.4
5	Anaheim-Santa Ana-Garden Grove, Calif. ....	16,130	238,033	351,754	292	7.0	33.2	3.5
6	Atlanta, Ga. ....	22,015	396,613	494,554	475	6.6	22.9	9.3
7	Bakersfield, Calif. ....	5,726	53,767	72,989	80	4.4	10.2	7.3
8	Baltimore, Md. ....	29,063	530,417	653,907	665	6.0	28.7	7.9
9	Beaumont-Port Arthur-Orange, Tex. ....	5,338	81,552	110,667	(NA)	(NA)	(NA)	(NA)
10	Binghamton, N.Y.-Pa. ....	4,401	78,098	108,139	98	4.3	45.2	4.9
11	Birmingham, Ala. ....	11,158	194,925	237,722	214	5.8	30.3	7.7
12	Boston, Mass. SEA .....	62,221	1,065,206	1,360,090	(NA)	(NA)	(NA)	(NA)
13	Boston, Mass. SMSA .....	(NA)	(NA)	(NA)	1,135	4.7	24.9	5.7
14	Bridgeport, Conn. SEA .....	14,664	224,617	307,961	(NA)	(NA)	(NA)	(NA)
15	Bridgeport, Conn. SMSA .....	(NA)	(NA)	(NA)	138	4.1	51.0	4.0
16	Buffalo, N.Y. ....	20,538	370,276	516,267	453	4.2	38.6	7.0
17	Canton, Ohio. ....	5,944	105,276	144,212	119	3.5	49.0	5.2
18	Charleston, S.C. ....	3,873	47,277	44,023	71	8.1	16.2	6.3
19	Charleston, W. Va. ....	4,261	66,684	91,802	79	4.3	26.7	10.8
20	Charlotte, N.C. ....	7,757	131,348	150,857	135	7.3	25.2	11.0
21	Chattanooga, Tenn.-Ga. ....	5,314	88,187	97,808	109	4.7	41.5	5.1
22	Chicago, Ill. ....	119,703	2,255,427	3,221,422	2,660	3.9	34.1	7.3
23	Cincinnati, Ohio-Ind.-Ky. ....	22,309	356,731	481,233	430	4.3	35.3	7.6
24	Cleveland, Ohio. ....	34,127	654,581	941,782	764	4.0	38.4	6.2
25	Columbia, S.C. ....	4,684	62,175	59,873	82	7.7	20.0	6.3
26	Columbus, Ohio. ....	13,309	234,461	305,387	310	4.9	26.1	6.1
27	Corpus Christi, Tex. ....	5,082	57,803	62,049	(NA)	(NA)	(NA)	(NA)
28	Dallas, Tex. ....	27,046	439,296	539,267	483	5.9	24.8	7.9
29	Davenport-Rock Island-Moline, Iowa-Ill. ....	6,354	98,702	131,861	122	4.9	38.0	5.4
30	Dayton, Ohio. ....	11,707	224,154	323,518	281	4.4	41.4	3.9
31	Denver, Colo. ....	21,344	276,386	357,127	370	5.8	17.0	8.3
32	Des Moines, Iowa. ....	6,045	92,773	115,620	108	4.5	20.8	7.4
33	Detroit, Mich. ....	60,172	1,177,535	1,879,536	1,353	4.2	42.8	5.2
34	Duluth-Superior, Minn.-Wis. ....	4,595	55,153	66,344	52	4.7	18.8	15.5
35	El Paso, Tex. ....	4,693	64,414	63,468	(NA)	(NA)	(NA)	(NA)
36	Elie, Pa. ....	4,223	70,942	88,484	85	3.4	47.6	5.6
37	Flint, Mich. ....	6,064	135,429	233,739	147	4.0	55.8	3.3
38	Fort Lauderdale-Hollywood, Fla. ....	9,797	94,869	97,710	107	13.3	10.7	5.7
39	Fort Worth, Tex. ....	11,261	170,222	202,617	(NA)	(NA)	(NA)	(NA)
40	Fresno, Calif. ....	7,842	71,696	87,724	99	5.2	16.0	7.6
41	Gary-Hammond-East Chicago, Ind. ....	7,567	183,016	295,217	205	6.7	52.1	6.2
42	Grand Rapids, Mich. ....	9,355	147,104	191,690	159	4.8	44.3	5.8
43	Greensboro-Winston-Salem-High Point, N.C. ....	10,390	196,391	212,537	(NA)	(NA)	(NA)	(NA)
44	Greenville, S.C. ....	4,601	90,649	93,093	100	7.5	49.7	3.8
45	Harrisburg, Pa. ....	6,971	102,884	114,584	158	4.6	23.2	7.6
46	Hartford, Conn. SEA .....	14,400	284,984	401,620	(NA)	(NA)	(NA)	(NA)
47	Hartford, Conn. SMSA .....	(NA)	(NA)	(NA)	271	4.5	36.4	11.3
48	Honolulu, Hawaii. ....	8,724	125,878	148,581	183	8.0	9.4	7.6
49	Houston, Tex. ....	29,953	485,061	627,560	574	9.1	20.2	10.0
50	Huntington-Ashland, W. Va.-Ky.- Ohio. ....	4,237	58,911	75,231	76	4.6	33.9	10.3
51	Indianapolis, Ind. ....	16,741	299,945	408,863	362	4.5	34.1	6.8
52	Jacksonville, Fla. ....	9,131	127,140	139,377	161	6.8	13.8	10.4
53	Jersey City, N.J. ....	12,953	204,862	279,403	254	2.6	45.0	13.4
54	Johnstown, Pa. ....	4,133	57,107	67,985	73	2.2	36.1	7.7
55	Kansas City, Mo.-Kans. ....	22,119	368,333	485,001	443	5.4	26.0	10.2
56	Knoxville, Tenn. ....	6,327	94,039	100,835	130	4.3	35.0	5.2
57	Lancaster, Pa. ....	5,566	89,572	102,351	105	5.7	49.2	4.7
58	Lansing, Mich. ....	5,302	80,594	117,890	111	4.0	33.4	2.9
59	Little Rock-North Little Rock, Ark. ....	5,925	81,178	84,705	98	8.1	19.1	8.7

See notes on pp. 938-940.

# Employment and Earnings

901

WITH 250,000 POPULATION OR MORE—Continued

EMPLOYEES ON NONAGRICULTURAL PAYROLLS, 1965 2—Con.				HOURS AND EARNINGS, PRODUCTION WORKERS IN MANUFACTURING, 1965 2			Unem- ploy- ment, 1965 3	UNEMPLOYMENT, 1966 3 4				
Whole- sale and retail trade	Financa, insur- ance, and real estate	Service and mis- cel- lane- ous	Gov- ern- ment	Aver- age weekly hours	Aver- age weekly earn- ings	Aver- age hourly earn- ings		Total	As per- cent of total labor force	Insured		
										Weekly aver- age	As per- cent of covered employ- ment	
Percent	Percent	Percent	Percent		Dollars	Dollars	1,000	1,000		1,000		
18.7	2.8	12.4	11.7	42.5	140	3.30	7.7	7.2	2.9	1.7	0.9	1
20.0	3.9	15.7	24.4	41.0	117	2.85	10.0	9.1	3.1	4.0	1.8	2
24.3	6.2	23.3	22.8	40.3	97	2.41	5.4	5.1	4.5	1.6	2.0	3
15.7	2.8	11.9	8.3	39.4	104	2.63	6.4	5.0	2.2	2.5	1.4	4
21.5	4.5	14.7	15.0	41.0	124	3.03	(NA)	(NA)	(NA)	(NA)	(NA)	5
26.0	7.3	14.1	13.9	41.1	104	2.54	14.5	16.5	2.9	3.0	0.6	6
22.5	3.5	14.4	28.2	40.7	133	3.26	(NA)	(NA)	(NA)	(NA)	(NA)	7
21.3	5.2	15.1	15.7	41.2	114	2.76	29.5	23.2	2.9	8.1	1.5	8
(NA)	(NA)	(NA)	(NA)	41.3	135	3.27	6.3	4.8	4.0	1.2	1.4	9
16.6	2.9	10.3	15.8	41.0	104	2.53	4.6	4.2	3.5	1.2	1.5	10
22.9	7.1	12.8	11.4	42.2	120	2.85	10.9	11.1	4.2	3.5	1.9	11
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12
22.2	6.8	21.4	14.3	40.1	106	2.64	52.4	48.3	3.6	21.2	2.3	13
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	14
17.9	3.0	11.7	8.3	42.4	117	2.77	7.3	5.7	3.5	2.2	1.7	15
19.4	3.7	13.2	13.9	42.3	132	3.11	23.2	21.2	3.9	9.3	2.7	16
18.2	3.3	11.8	8.6	40.9	124	3.03	4.9	4.5	3.2	1.2	1.1	17
20.2	4.2	11.8	33.2	41.4	87	2.09	4.5	4.1	4.1	0.7	1.3	18
21.7	4.2	12.7	15.7	41.4	132	3.20	5.8	4.8	4.9	1.1	1.7	19
26.8	6.6	12.8	10.2	42.1	80	1.91	5.3	5.2	3.0	0.8	0.7	20
18.6	5.2	12.1	12.6	41.4	93	2.24	4.6	4.1	2.9	1.0	1.5	21
21.8	5.9	15.8	10.8	41.6	119	2.87	90.0	76.5	2.5	21.6	1.0	22
20.9	5.4	13.6	12.8	42.4	120	2.82	20.3	17.1	3.3	4.9	1.4	23
20.6	4.7	14.0	11.9	42.9	132	3.07	26.9	24.6	2.8	6.2	1.0	24
21.7	6.3	12.3	25.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	25
20.9	6.2	14.9	20.6	40.7	117	2.87	10.1	9.9	2.7	2.3	0.9	26
(NA)	(NA)	(NA)	(NA)	42.0	121	2.88	74.6	73.4	3.7	70.7	1.2	27
27.3	8.2	14.0	10.1	41.6	95	2.29	19.4	15.4	2.6	3.1	0.7	28
20.4	3.9	11.8	15.6	41.0	128	3.13	4.2	3.9	2.6	0.8	0.8	29
17.4	2.8	12.2	17.7	43.2	140	3.25	9.1	9.3	2.7	1.6	0.7	30
25.2	6.4	17.3	19.1	41.0	117	2.86	15.7	15.6	3.4	2.8	0.8	31
25.8	11.3	15.8	14.4	39.9	124	3.11	2.5	2.3	1.8	0.5	0.6	32
19.6	4.2	13.0	10.9	44.7	151	3.39	53.3	53.3	3.3	19.8	2.5	33
23.3	3.7	18.4	15.5	39.9	110	2.77	3.4	2.8	4.4	1.0	2.6	34
(NA)	(NA)	(NA)	(NA)	39.3	76	1.94	6.0	4.8	4.4	1.4	1.9	35
17.3	3.2	13.0	9.9	42.3	115	2.71	4.2	3.1	3.0	1.2	1.5	36
15.0	2.2	9.1	10.5	46.3	166	3.59	4.2	6.2	3.5	2.7	2.3	37
29.0	7.1	19.2	15.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	38
(NA)	(NA)	(NA)	(NA)	41.9	109	2.61	9.6	7.7	2.9	1.4	0.8	39
28.2	4.7	16.6	20.6	38.7	103	2.65	12.2	11.3	6.6	5.1	6.0	40
15.8	2.6	8.3	8.2	(NA)	(NA)	(NA)	7.4	6.4	2.8	1.6	1.0	41
20.0	3.5	12.9	8.7	41.9	119	2.85	5.7	6.6	3.2	2.1	1.5	42
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10 3.2	10 2.9	10 2.1	10 0.8	10 0.8	43
16.7	3.5	10.0	8.7	42.6	78	1.84	4.8	3.7	2.9	0.8	0.9	44
18.3	4.4	13.1	28.8	40.5	94	2.32	5.3	4.4	2.4	1.5	1.2	45
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	46
11 18.9	11 12.7	11 12.9	11 11.0	11 42.5	11 119	11 2.81	12 9.2	12 7.9	12 2.5	12 2.3	12 0.7	47
23.3	6.6	17.6	27.5	(NA)	(NA)	(NA)	7.1	6.9	3.1	3.2	1.8	48
27.0	5.1	13.7	10.5	42.9	123	2.86	13 21.9	13 17.5	13 2.5	13 3.2	13 0.7	49
21.6	3.7	11.4	13.4	39.9	118	2.95	6.2	4.6	4.9	1.4	2.2	50
21.9	6.5	11.3	14.9	42.3	123	2.91	14 10.2	14 9.4	14 2.2	14 2.1	14 0.7	51
28.3	9.0	14.8	17.0	41.0	93	2.28	5.0	4.3	2.2	0.7	0.6	52
14.8	3.4	9.9	11.0	40.7	110	2.71	15.3	12.9	4.5	6.8	3.2	53
16.4	2.6	14.3	13.9	38.1	109	2.85	5.1	4.1	4.6	2.1	3.3	54
24.6	6.5	14.3	12.8	41.0	116	2.82	24.1	22.3	4.0	5.7	2.2	55
15 20.6	15 3.4	15 12.3	15 17.9	15 40.6	15 97	15 2.38	15 4.8	15 4.5	15 2.8	15 1.4	15 1.9	56
17.1	2.3	12.8	8.2	41.5	98	2.35	2.5	2.0	1.5	0.6	0.6	57
16.6	3.2	11.0	29.0	44.2	149	3.38	2.9	3.5	2.5	1.1	1.5	58
16 22.2	16 7.6	16 14.9	16 19.3	16 40.9	16 75	16 1.83	16 3.5	16 2.9	16 2.3	16 0.6	16 0.7	59



TABLE 1. METROPOLITAN AREAS—SMSA'S

SMSA		HOUSING UNITS, 1960 <sup>1</sup>		NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS <sup>2</sup>							
		Total	In-crease, 1950- 1960	1965				1966			
				Total	In structures with—		Valu-ation, total	Total	In structures with—		Valu-ation, total
					1 unit	5 units or more			1 unit	5 units or more	
		1,000	Per-cent		Per-cent	Per-cent	Mil. dol.		Per-cent	Per-cent	Mil. dol.
1	Akron, Ohio.....	186	31.5	4,045	61.3	20.1	60	3,684	58.4	24.0	57
2	Albany-Schenectady-Troy, N.Y.....	223	19.8	2,699	79.8	12.5	40	2,985	66.0	26.4	42
3	Albuquerque, N. Mex.....	77	76.8	1,891	68.0	25.3	26	951	77.6	18.9	14
4	Allentown-Bethlehem- Easton, Pa.-N.J.....	158	24.2	5,431	33.5	65.9	51	2,339	62.1	34.6	32
5	Anaheim-Santa Ana- Garden Grove, Calif.....	227	186.8	17,593	67.3	16.8	318	12,654	71.0	16.7	268
6	Atlanta, Ga.....	309	48.4	20,694	52.7	44.4	216	15,690	48.9	48.0	160
7	Bakersfield, Calif.....	98	39.6	1,997	66.8	17.6	24	1,521	61.3	18.4	19
8	Baltimore, Md.....	542	27.7	16,391	52.1	47.5	<sup>8</sup> 168	<sup>8</sup> 15,870	<sup>8</sup> 36.7	<sup>8</sup> 62.9	<sup>8</sup> 166
9	Beaumont-Port Arthur- Orange, Tex.....	98	34.9	1,013	75.5	22.4	12	934	64.2	31.8	11
10	Binghamton, N.Y.-Pa.....	90	18.8	1,506	53.0	42.0	20	890	78.0	18.9	15
11	Birmingham, Ala.....	221	19.6	3,773	82.5	14.8	<sup>9</sup> 45	<sup>9</sup> 3,658	<sup>9</sup> 71.7	<sup>9</sup> 25.8	<sup>9</sup> 43
12	Boston, Mass. SEA.....	976	18.5	17,815	48.8	50.8	(NA)	(NA)	(NA)	(NA)	(NA)
13	Boston, Mass. SMSA.....	816	(NA)	13,658	44.4	49.9	165	10,044	50.5	45.5	140
14	Bridgeport, Conn. SEA.....	209	36.0	5,850	64.5	30.4	(NA)	(NA)	(NA)	(NA)	(NA)
15	Bridgeport, Conn. SMSA.....	107	(NA)	2,384	68.4	26.4	36	2,985	48.3	47.1	39
16	Buffalo, N.Y.....	410	29.1	6,030	70.5	13.6	74	5,354	73.7	12.4	70
17	Canton, Ohio.....	104	25.4	1,928	57.6	26.7	26	1,753	62.5	19.7	27
18	Charleston, S.C.....	72	31.8	2,650	65.7	29.9	27	1,609	72.3	21.9	16
19	Charleston, W. Va.....	78	16.8	355	82.3	9.9	7	311	76.5	20.9	5
20	Charlotte, N.C.....	95	46.3	3,268	47.2	47.2	30	4,478	52.8	43.7	51
21	Chattanooga, Tenn.-Ga.....	88	23.2	1,963	71.8	6.8	25	1,610	73.9	11.3	22
22	Chicago, Ill.....	1,997	27.7	39,961	51.3	41.8	572	38,243	48.0	47.1	592
23	Cincinnati, Ohio-Ind.-Ky.....	400	25.2	8,373	51.3	46.6	102	7,403	47.9	49.0	95
24	Cleveland, Ohio.....	596	29.6	12,302	46.2	52.6	197	8,680	58.8	39.4	148
25	Columbia, S.C.....	69	36.7	430	74.9	3.0	5	560	49.3	16.1	6
26	Columbus, Ohio.....	235	42.5	8,354	56.8	34.4	111	5,690	54.5	35.7	84
27	Corpus Christi, Tex.....	84	42.2	1,473	82.2	17.8	16	1,404	75.1	22.0	15
28	Dallas, Tex.....	374	49.7	14,122	57.9	38.0	<sup>11</sup> 156	<sup>11</sup> 11,743	<sup>11</sup> 54.7	<sup>11</sup> 43.4	<sup>11</sup> 135
29	Davenport-Rock Island- Moline, Iowa-Ill.....	102	19.1	3,215	62.7	28.1	39	2,625	70.3	21.0	34
30	Dayton, Ohio.....	223	38.3	8,139	59.0	36.5	101	5,970	66.1	28.3	85
31	Denver, Colo.....	307	- 2.5	8,210	69.4	27.7	101	8,720	58.6	38.5	106
32	Des Moines, Iowa.....	89	23.6	2,020	67.4	27.6	34	1,624	61.6	34.7	28
33	Detroit, Mich.....	1,153	34.4	30,768	59.5	38.9	445	24,016	58.8	39.4	353
34	Duluth-Superior, Minn.- Wis.....	98	15.9	364	76.9	20.9	5	367	86.1	12.3	6
35	El Paso, Tex.....	86	69.2	1,672	85.6	13.6	25	1,468	77.6	21.6	22
36	Elie, Pa.....	79	21.8	1,097	67.7	20.6	13	756	78.7	7.1	10
37	Flint, Mich.....	126	38.2	4,508	68.4	30.0	58	3,818	66.2	32.3	49
38	Fort Lauderdale-Holly- wood, Fla.....	129	254.3	11,895	34.8	57.3	150	11,278	30.4	61.6	151
39	Fort Worth, Tex.....	195	55.7	6,013	66.2	30.4	66	4,557	65.1	30.7	52
40	Fresno, Calif.....	119	34.9	3,325	59.5	24.1	34	2,859	61.5	23.5	31
41	Gary-Hammond-East Chicago, Ind.....	169	42.2	3,704	72.7	24.5	48	3,212	66.8	28.3	42
42	Grand Rapids, Mich.....	144	27.5	3,406	81.6	11.8	44	3,044	72.1	20.5	40
43	Greensboro-Winston-Salem- High Point, N.C.....	156	38.3	3,918	74.6	20.0	<sup>12</sup> 45	<sup>12</sup> 3,637	<sup>12</sup> 57.5	<sup>12</sup> 37.8	<sup>12</sup> 39
44	Greenville, S.C.....	78	32.7	578	81.3	6.9	7	428	92.3	-	6
45	Harrisburg, Pa.....	120	26.3	1,833	46.5	49.0	19	1,299	51.6	46.0	17
46	Hartford, Conn. SEA.....	215	38.1	6,796	51.3	43.2	(NA)	(NA)	(NA)	(NA)	(NA)
47	Hartford, Conn. SMSA.....	172	(NA)	5,528	52.9	45.0	60	3,966	61.8	34.5	49
48	Honolulu, Hawaii.....	126	51.2	10,195	44.3	49.5	123	9,046	32.5	66.2	134
49	Houston, Tex.....	464	57.0	13,165	51.5	43.9	148	12,506	48.3	48.2	145
50	Huntington-Ashland, W. Va.-Ky.-Ohio.....	80	14.1	558	79.6	14.2	7	517	83.4	14.7	6
51	Indianapolis, Ind.....	302	32.3	9,624	44.5	52.0	<sup>15</sup> 96	<sup>15</sup> 8,791	<sup>15</sup> 36.5	<sup>15</sup> 59.6	<sup>15</sup> 89
52	Jacksonville, Fla.....	141	55.2	3,332	58.9	35.7	24	3,260	33.9	63.6	22
53	Jersey City, N.J.....	205	8.0	3,077	3.8	54.3	25	2,596	2.8	50.8	24
54	Johnstown, Pa.....	85	8.5	217	92.2	4.6	3	219	77.6	18.3	3
55	Kansas City, Mo.-Kans.....	372	35.1	12,004	62.2	28.7	148	9,267	52.4	37.8	118
56	Knoxville, Tenn.....	113	19.1	2,850	69.4	28.6	32	2,547	58.5	37.8	31
57	Lancaster, Pa.....	84	24.8	1,227	61.2	35.7	16	1,370	44.2	46.4	17
58	Lansing, Mich.....	91	24.7	4,221	48.7	43.9	53	3,870	45.5	47.4	50
59	Little Rock-North Little Rock, Ark.....	85	29.2	3,043	57.3	37.0	<sup>16</sup> 37	<sup>16</sup> 1,578	<sup>16</sup> 63.4	<sup>16</sup> 31.4	<sup>16</sup> 23

See notes on pp. 938-940.

WITH 250,000 OR MORE POPULATION--Continued

EXISTING FHA-INSURED 1-FAMILY HOMES, 1965 <sup>3</sup>				BANKING					SAVINGS AND LOAN ASSOCIATIONS, 1964 <sup>7</sup>	
Number	Median property value	Average monthly payment		Number of banks, 1966 <sup>4</sup>	Deposits, 1966 <sup>4, 5</sup>			Debits to demand deposits, April 1967 <sup>6</sup>	Number	Savings capital
		In principal and interest	Heating and utilities		Total	Demand	Time			
	Dollars	Dollars	Dollars		Mil. dol.	Percent	Percent	Mil. dol.		Mil. dol.
1, 181	15, 125	80	23	11	902	34.3	49.7	14, 084	15	411
1, 145	14, 406	76	24	26	2, 432	13.4	57.8	(NA)	10	163
1, 220	15, 033	78	23	6	356	40.1	34.9	4, 764	5	115
295	(NA)	(NA)	(NA)	37	936	28.8	60.6	(NA)	13	56
7, 701	19, 170	101	18	22	1, 344	38.2	44.5	18, 279	16	554
4, 565	15, 139	82	19	46	2, 408	42.4	28.8	51, 038	22	834
1, 446	14, 100	75	19	9	415	34.6	49.3	4, 690	4	116
<sup>8</sup> 2, 890	<sup>8</sup> 12, 703	<sup>8</sup> 66	<sup>8</sup> 27	41	2, 875	36.1	45.1	<sup>8</sup> 44, 204	77	1, 318
416	(NA)	(NA)	(NA)	18	418	42.8	36.3	5, 076	9	135
642	16, 738	89	23	16	512	24.7	64.0	3, 792	2	19
<sup>9</sup> 2, 156	<sup>9</sup> 14, 183	<sup>9</sup> 77	<sup>9</sup> 20	21	1, 014	42.7	33.2	<sup>9</sup> 17, 992	12	308
(NA)	(NA)	(NA)	(NA)	184	11, 837	24.3	55.2	(NA)	126	1, 661
4, 568	16, 476	89	24	149	10, 763	25.2	53.1	157, 023	(NA)	(NA)
(NA)	(NA)	(NA)	(NA)	31	2, 178	22.0	69.6	(NA)	9	147
351	(NA)	(NA)	(NA)	12	1, 062	19.0	71.1	7, 721	(NA)	(NA)
2, 994	13, 275	72	22	15	3, 616	16.4	70.2	32, 608	17	236
398	(NA)	(NA)	(NA)	14	462	33.7	51.5	5, 022	12	346
490	13, 550	75	20	8	152	63.1	22.1	4, 021	4	102
612	15, 689	88	18	13	362	43.7	31.8	4, 992	4	44
1, 350	14, 333	75	26	16	806	40.1	23.5	15, 628	6	135
1, 032	11, 483	64	17	6	465	40.9	27.7	6, 916	3	111
4, 428	16, 745	91	30	285	19, 735	35.5	43.0	511, 846	277	6, 754
1, 435	15, 254	82	22	49	1, 817	46.1	32.4	37, 590	201	1, 461
2, 889	16, 310	86	22	25	5, 140	32.3	50.2	77, 354	40	2, 111
1, 077	12, 987	71	20	11	276	43.0	11.6	7, 056	7	175
3, 279	14, 351	79	16	20	1, 268	40.2	35.8	31, 284	22	630
<sup>10</sup> 527	(NA)	(NA)	(NA)	23	292	51.7	24.4	3, 752	5	117
<sup>11</sup> 6, 080	<sup>11</sup> 13, 052	<sup>11</sup> 71	<sup>11</sup> 28	111	4, 069	35.7	34.6	<sup>11</sup> 73, 470	31	729
418	15, 522	85	25	40	632	33.0	52.0	(NA)	9	169
2, 535	14, 055	76	23	29	773	48.0	32.4	13, 643	23	588
3, 707	15, 135	79	20	85	1, 973	37.2	42.1	35, 071	22	936
769	14, 647	79	24	21	652	38.3	28.1	14, 900	9	351
13, 592	14, 348	75	21	49	8, 532	31.3	49.3	167, 671	21	1, 454
428	13, 344	76	32	37	421	29.1	55.6	3, 697	5	90
813	13, 125	69	23	11	362	46.9	33.5	5, 391	4	78
168	(NA)	(NA)	(NA)	9	350	40.8	45.8	3, 864	5	110
1, 133	13, 622	74	20	13	694	21.2	58.5	4, 922	1	42
1, 981	13, 026	69	20	31	667	44.2	40.5	7, 661	5	472
3, 717	12, 149	64	30	37	1, 162	38.1	36.3	14, 915	8	195
1, 830	14, 605	78	21	12	573	33.6	51.5	6, 113	4	199
1, 377	13, 938	75	22	20	647	33.3	43.9	7, 124	20	355
1, 129	13, 771	76	24	19	973	28.5	57.0	10, 282	4	132
<sup>12</sup> 1, 101	(NA)	(NA)	(NA)	22	760	46.2	28.4	<sup>12</sup> 14, 167	14	340
999	12, 155	69	22	12	228	64.5	17.8	4, 918	8	151
489	(NA)	(NA)	(NA)	31	573	41.4	46.3	6, 325	7	220
(NA)	(NA)	(NA)	(NA)	34	2, 388	26.6	56.3	(NA)	10	287
1, 068	15, 860	84	30	31	2, 023	28.0	53.4	34, 788	(NA)	(NA)
480	<sup>13</sup> 27, 650	121	21	7	938	32.4	32.4	(NA)	9	254
<sup>14</sup> 3, 153	<sup>14</sup> 13, 444	<sup>14</sup> 73	<sup>14</sup> 27	117	3, 835	44.7	29.9	68, 132	30	726
309	(NA)	(NA)	(NA)	16	291	40.9	41.4	3, 557	10	116
<sup>15</sup> 2, 618	<sup>15</sup> 12, 941	<sup>15</sup> 72	<sup>15</sup> 23	43	2, 116	37.1	32.3	<sup>15</sup> 30, 122	35	522
2, 037	13, 407	73	30	24	860	38.8	27.8	16, 683	8	175
174	(NA)	(NA)	(NA)	13	1, 266	28.7	62.4	15, 212	14	356
148	(NA)	(NA)	(NA)	29	329	27.9	61.5	1, 493	5	58
3, 325	14, 908	81	22	122	2, 482	40.2	32.5	47, 185	29	561
1, 040	12, 286	71	17	12	536	31.5	44.5	5, 535	5	123
430	(NA)	(NA)	(NA)	25	437	42.7	48.3	4, 255	5	53
698	13, 622	75	23	18	553	27.7	54.0	5, 419	4	144
<sup>16</sup> 650	<sup>16</sup> 13, 444	<sup>16</sup> 74	<sup>16</sup> 24	10	449	39.3	29.4	<sup>16</sup> 6, 158	8	139

TABLE 1. METROPOLITAN AREAS—SMSA's

	SMSA	PERSONAL INCOME, 1962 <sup>1</sup>				INDIVIDUAL INCOME TAX RETURNS, 1965 <sup>2</sup>				
		Total	Total, per capita	Wage and salary disbursements	Proprietors' income	Number of returns				
						Total	With adjusted gross income—			
							Under \$3,000	\$3,000 to \$5,000	\$5,000 to \$10,000	\$20,000 or more
		Mil. dol.	Dollars	Mil. dol.	Mil. dol.	1,000	Per-cent	Per-cent	Per-cent	Per-cent
1	Akron, Ohio.....	1,541	2,463	1,121	105	202	22.2	13.9	39.7	2.8
2	Albany-Schenectady-Troy, N.Y.....	1,680	2,464	1,222	115	258	23.7	20.0	38.3	2.3
3	Albuquerque, N. Mex.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
4	Allentown-Bethlehem-Easton, Pa.-N.J.....	1,268	2,571	891	103	189	25.5	13.2	44.9	2.2
5	Anaheim-Santa Ana-Garden Grove, Calif.....	(NA)	(NA)	(NA)	(NA)	406	23.6	13.5	34.5	3.3
6	Atlanta, Ga.....	2,839	2,642	2,053	216	426	28.9	17.0	34.8	3.3
7	Bakersfield, Calif.....	(NA)	(NA)	(NA)	(NA)	100	29.7	17.1	35.1	2.5
8	Baltimore, Md.....	4,551	2,589	3,300	345	623	26.6	17.8	37.4	2.5
9	Beaumont-Port Arthur-Orange, Tex.....	(NA)	(NA)	(NA)	(NA)	98	20.2	21.4	41.9	2.3
10	Binghamton, N.Y.-Pa.....	695	2,375	482	53	91	31.6	15.0	33.4	2.0
11	Birmingham, Ala.....	1,416	2,256	999	102	202	29.9	13.7	41.7	2.5
12	Boston, Mass. SEA.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
13	Boston, Mass. SMSA.....	(NA)	(NA)	(NA)	(NA)	992	31.2	18.3	33.7	3.1
14	Bridgeport, Conn. SEA.....	2,078	3,029	1,377	217	(NA)	(NA)	(NA)	(NA)	(NA)
15	Bridgeport, Conn. SMSA.....	(NA)	(NA)	(NA)	(NA)	149	27.7	16.3	35.1	2.7
16	Buffalo, N.Y.....	3,318	2,421	2,355	236	459	26.9	14.0	40.5	2.2
17	Canton, Ohio.....	814	2,347	578	66	123	20.5	15.5	47.7	2.3
18	Charleston, S.C.....	414	1,581	311	34	(NA)	(NA)	(NA)	(NA)	(NA)
19	Charleston, W. Va.....	570	2,258	420	40	(NA)	(NA)	(NA)	(NA)	(NA)
20	Charlotte, N.C.....	848	2,526	611	81	114	27.0	18.7	33.5	3.4
21	Chattanooga, Tenn.-Ga.....	621	2,110	415	63	99	29.7	20.7	33.0	1.5
22	Chicago, Ill.....	(NA)	(NA)	(NA)	(NA)	2,582	25.3	14.7	36.3	3.3
23	Cincinnati, Ohio-Ind.-Ky.....	(NA)	(NA)	(NA)	(NA)	450	29.1	16.3	37.1	2.7
24	Cleveland, Ohio.....	5,634	2,868	3,973	460	723	25.0	14.3	40.2	2.9
25	Columbia, S.C.....	503	1,875	378	46	(NA)	(NA)	(NA)	(NA)	(NA)
26	Columbus, Ohio.....	2,067	2,616	1,488	182	298	27.0	15.8	38.3	2.3
27	Corpus Christi, Tex.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28	Dallas, Tex.....	(NA)	(NA)	(NA)	(NA)	14,460	29.1	18.3	32.9	3.0
29	Davenport-Rock Island-Moline, Iowa-Ill.....	(NA)	(NA)	(NA)	(NA)	131	29.1	13.8	39.1	2.1
30	Dayton, Ohio.....	2,012	2,659	1,473	146	256	23.0	13.3	40.0	2.5
31	Denver, Colo.....	(NA)	(NA)	(NA)	(NA)	392	26.5	16.9	37.5	2.5
32	Des Moines, Iowa.....	(NA)	(NA)	(NA)	(NA)	92	19.8	16.7	39.9	2.5
33	Detroit, Mich.....	(NA)	(NA)	(NA)	(NA)	1,467	25.5	12.7	36.3	2.9
34	Duluth-Superior, Minn.-Wis.....	(NA)	(NA)	(NA)	(NA)	105	30.5	14.4	44.3	1.2
35	El Paso, Tex.....	(NA)	(NA)	(NA)	(NA)	115	35.2	15.7	36.5	1.3
36	Erie, Pa.....	558	2,228	381	47	(NA)	(NA)	(NA)	(NA)	(NA)
37	Flint, Mich.....	(NA)	(NA)	(NA)	(NA)	154	22.9	11.3	39.5	2.9
38	Fort Lauderdale-Hollywood, Fla.....	(NA)	(NA)	(NA)	(NA)	162	29.9	17.8	37.4	3.7
39	Fort Worth, Tex.....	(NA)	(NA)	(NA)	(NA)	220	27.7	22.5	33.9	1.9
40	Fresno, Calif.....	(NA)	(NA)	(NA)	(NA)	127	30.0	17.5	33.1	2.3
41	Gary-Hammond-East Chicago, Ind.....	(NA)	(NA)	(NA)	(NA)	205	27.2	8.6	42.2	1.8
42	Grand Rapids, Mich.....	(NA)	(NA)	(NA)	(NA)	161	26.5	18.1	37.7	2.2
43	Greensboro-Winston-Salem-High Point, N.C.....	1,162	2,665	845	98	(NA)	(NA)	(NA)	(NA)	(NA)
44	Greenville, S.C.....	526	2,001	378	43	(NA)	(NA)	(NA)	(NA)	(NA)
45	Harrisburg, Pa.....	904	2,387	659	75	126	22.7	19.5	42.2	1.6
46	Hartford, Conn. SEA.....	2,349	3,260	1,691	158	(NA)	(NA)	(NA)	(NA)	(NA)
47	Hartford, Conn. SMSA.....	(NA)	(NA)	(NA)	(NA)	208	26.4	14.9	34.7	4.1
48	Honolulu, Hawaii.....	(NA)	(NA)	(NA)	(NA)	187	31.7	15.1	31.0	2.3
49	Houston, Tex.....	(NA)	(NA)	(NA)	(NA)	543	28.6	15.8	36.4	2.6
50	Huntington-Ashland, W. Va.-Ky.-Ohio.....	501	1,933	347	43	(NA)	(NA)	(NA)	(NA)	(NA)
51	Indianapolis, Ind.....	(NA)	(NA)	(NA)	(NA)	23,356	29.3	12.1	37.9	2.6
52	Jacksonville, Fla.....	(NA)	(NA)	(NA)	(NA)	154	27.0	22.3	36.5	2.0
53	Jersey City, N.J.....	1,842	3,338	1,437	97	247	25.5	19.7	41.7	1.3
54	Johnstown, Pa.....	460	1,665	301	40	82	28.1	19.4	43.5	1.1
55	Kansas City, Mo.-Kans.....	(NA)	(NA)	(NA)	(NA)	406	26.8	13.6	39.1	2.6
56	Knoxville, Tenn.....	747	2,004	549	66	111	35.2	17.0	32.0	2.2
57	Lancaster, Pa.....	676	2,395	453	86	106	24.4	22.5	36.4	1.9
58	Lansing, Mich.....	(NA)	(NA)	(NA)	(NA)	106	23.2	15.7	37.4	2.3
59	Little Rock-North Little Rock, Ark.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See notes on pp. 938-940.



## WITH 250,000 POPULATION OR MORE—Continued

IND. INCOME TAX RETURNS 1965 <sup>2</sup> —Con.		INCOME IN 1959 FOR FAMILIES, 1960 <sup>3</sup>										
Adjusted gross income		Median income, all families	Number of families									
Total	Salaries and wages		All families			White families			Nonwhite families			
		Total	With income under \$3,000	With income \$10,000 and over	Total	Residing in poverty areas	Below poverty level	Total	Residing in poverty areas	Below poverty level		
<i>Mil. dol.</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000</i>	<i>Per- cent</i>	<i>Per- cent</i>	<i>1,000</i>	<i>Percent</i>	<i>Per- cent</i>	<i>1,000</i>	<i>Percent</i>	<i>Per- cent</i>	
1,508	86.5	6,667	154	11.5	18.2	<sup>4</sup> 124	<sup>4</sup> 6.0	<sup>4</sup> 7.6	<sup>4</sup> 9	<sup>4</sup> 61.0	<sup>4</sup> 30.2	1
1,699	84.0	6,095	170	14.7	16.1	166	14.4	11.4	4	80.2	34.1	2
(NA)	(NA)	6,252	63	15.3	19.5	62	28.3	15.0	2	62.7	37.1	3
1,274	84.0	5,845	131	13.6	12.8	130	16.1	10.5	1	65.3	37.7	4
3,117	84.4	7,219	178	11.0	24.2	176	(NA)	(NA)	2	(NA)	(NA)	5
2,937	83.6	5,758	256	20.8	17.0	206	25.7	11.9	50	77.4	48.8	6
643	79.1	5,933	73	18.6	15.8	68	44.7	15.4	4	89.2	46.1	7
<sup>5</sup> 4,209	<sup>5</sup> 84.0	6,185	442	14.6	17.4	<sup>5</sup> 346	<sup>5</sup> 15.8	<sup>5</sup> 8.8	<sup>5</sup> 78	<sup>5</sup> 77.1	<sup>5</sup> 35.3	8
646	86.5	5,910	78	20.1	13.1	64	25.9	11.9	14	93.9	49.7	9
573	83.7	6,118	72	13.8	15.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10
<sup>7</sup> 1,275	<sup>7</sup> 85.6	4,931	181	27.8	11.5	<sup>7</sup> 112	<sup>7</sup> 44.4	<sup>7</sup> 12.8	<sup>7</sup> 47	<sup>7</sup> 93.3	<sup>7</sup> 54.3	11
(NA)	(NA)	6,554	771	11.4	19.7	751	(NA)	(NA)	20	(NA)	(NA)	12
6,480	80.4	6,687	642	11.0	21.3	<sup>8</sup> 621	<sup>8</sup> 7.2	<sup>8</sup> 8.4	<sup>8</sup> 19	<sup>8</sup> 69.2	<sup>8</sup> 28.4	13
(NA)	(NA)	7,371	170	9.3	29.1	163	(NA)	(NA)	7	(NA)	(NA)	14
1,008	82.7	6,796	88	10.3	20.5	<sup>9</sup> 84	<sup>9</sup> 12.5	<sup>9</sup> 7.6	<sup>9</sup> 4	<sup>9</sup> 67.3	<sup>9</sup> 30.4	15
3,077	84.8	6,455	333	12.2	17.4	314	8.5	8.5	19	78.7	34.3	16
861	85.4	6,161	87	13.2	14.8	83	9.0	10.0	4	60.4	34.9	17
(NA)	(NA)	4,366	56	34.6	9.3	38	(NA)	(NA)	18	(NA)	(NA)	18
(NA)	(NA)	5,862	64	21.4	14.3	61	48.8	13.3	3	67.7	32.8	19
812	83.5	5,362	79	22.8	13.8	<sup>10</sup> 54	<sup>10</sup> 14.9	<sup>10</sup> 10.7	<sup>10</sup> 14	<sup>10</sup> 79.4	<sup>10</sup> 54.0	20
583	83.3	4,958	73	26.0	10.7	62	45.7	19.1	11	83.5	52.8	21
19,378	82.1	7,342	1,583	10.6	25.9	1,382	7.4	6.2	200	75.7	29.3	22
3,001	80.2	6,271	321	15.0	17.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23
5,376	82.3	6,938	491	11.5	22.1	<sup>11</sup> 405	<sup>11</sup> 6.3	<sup>11</sup> 6.9	<sup>11</sup> 58	<sup>11</sup> 73.2	<sup>11</sup> 27.8	24
(NA)	(NA)	4,540	55	30.8	10.1	42	39.2	17.6	13	91.5	68.9	25
1,997	85.4	6,311	186	14.4	17.8	<sup>12</sup> 152	<sup>12</sup> 13.1	<sup>12</sup> 9.9	<sup>12</sup> 18	<sup>12</sup> 70.5	<sup>12</sup> 30.0	26
(NA)	(NA)	4,759	61	30.6	11.4	<sup>13</sup> 49	(NA)	(NA)	<sup>13</sup> 2	(NA)	(NA)	27
<sup>14</sup> 3,099	<sup>14</sup> 80.8	5,859	291	19.3	17.4	<sup>14</sup> 247	<sup>14</sup> 22.3	<sup>14</sup> 11.8	<sup>14</sup> 35	<sup>14</sup> 89.5	<sup>14</sup> 49.8	28
868	81.6	6,265	83	14.2	15.5	<sup>15</sup> 68	(NA)	(NA)	<sup>15</sup> 1	(NA)	(NA)	29
1,910	85.8	6,626	185	13.2	18.9	<sup>16</sup> 161	<sup>16</sup> 6.6	<sup>16</sup> 9.2	<sup>16</sup> 16	<sup>16</sup> 70.4	<sup>16</sup> 29.2	30
2,633	82.3	6,551	233	13.1	19.0	225	10.4	10.0	9	64.8	25.7	31
638	81.0	6,464	69	12.9	17.3	67	12.7	9.0	3	75.0	34.9	32
11,138	84.8	6,825	944	13.5	21.9	818	7.4	8.2	126	67.3	35.8	33
611	84.8	5,456	70	18.1	10.1	69	6.9	15.0	(Z)	27.8	55.9	34
649	88.4	5,157	70	22.1	12.7	68	36.8	23.7	2	52.3	29.6	35
(NA)	(NA)	5,736	63	15.9	11.9	62	12.1	12.8	1	78.2	45.6	36
1,209	85.2	6,230	103	14.0	15.5	<sup>17</sup> 86	<sup>17</sup> 3.4	<sup>17</sup> 9.6	<sup>17</sup> 8	<sup>17</sup> 67.8	<sup>17</sup> 26.4	37
1,001	67.3	4,996	93	24.8	12.8	82	22.2	15.7	11	41.1	50.8	38
1,340	85.1	5,617	151	19.3	13.5	137	15.8	13.7	14	72.2	48.0	39
778	81.4	5,634	90	21.5	14.8	84	49.5	17.6	6	89.7	40.0	40
1,448	88.8	6,548	142	10.9	18.4	123	8.3	7.9	19	92.2	28.7	41
1,050	77.5	6,232	115	13.0	15.6	<sup>18</sup> 87	<sup>18</sup> 2.6	<sup>18</sup> 9.5	<sup>18</sup> 3	<sup>18</sup> 49.7	<sup>18</sup> 36.9	42
(NA)	(NA)	5,270	131	22.1	11.5	110	(NA)	(NA)	22	(NA)	(NA)	43
(NA)	(NA)	4,707	64	26.8	8.5	56	(NA)	(NA)	9	(NA)	(NA)	44
831	84.2	5,794	96	14.9	12.9	<sup>20</sup> 84	<sup>20</sup> 8.7	<sup>20</sup> 10.4	<sup>20</sup> 5	<sup>20</sup> 64.7	<sup>20</sup> 36.1	45
(NA)	(NA)	7,054	177	8.7	22.1	171	(NA)	(NA)	7	(NA)	(NA)	46
1,560	79.7	7,173	140	8.7	23.3	<sup>21</sup> 128	<sup>21</sup> 6.4	<sup>21</sup> 6.0	<sup>21</sup> 6	<sup>21</sup> 63.7	<sup>21</sup> 29.8	47
1,254	83.2	6,792	103	11.4	25.1	41	16.1	14.1	62	30.9	11.7	48
3,698	83.2	5,900	353	19.7	16.6	<sup>22</sup> 259	<sup>22</sup> 16.3	<sup>22</sup> 11.6	<sup>22</sup> 57	<sup>22</sup> 73.5	<sup>22</sup> 43.9	49
(NA)	(NA)	4,977	65	26.8	9.8	64	48.7	24.1	2	23.9	41.0	50
<sup>23</sup> 2,453	<sup>23</sup> 83.9	6,422	243	14.0	18.6	<sup>24</sup> 156	<sup>24</sup> 14.7	<sup>24</sup> 8.5	<sup>24</sup> 23	<sup>24</sup> 75.5	<sup>24</sup> 30.1	51
985	85.0	5,345	111	22.4	12.4	89	33.6	14.3	22	92.5	49.4	52
1,493	85.8	6,151	165	12.7	15.5	155	17.0	9.3	10	70.7	29.0	53
465	88.7	4,574	71	26.7	6.4	70	55.3	23.6	1	87.6	43.7	54
2,841	81.6	6,262	288	14.6	16.9	<sup>25</sup> 246	<sup>25</sup> 12.1	<sup>25</sup> 9.1	<sup>25</sup> 27	<sup>25</sup> 77.4	<sup>25</sup> 34.3	55
659	83.9	4,908	93	27.5	10.5	87	46.3	23.2	6	86.7	51.7	56
691	82.0	5,810	70	14.9	13.2	70	8.6	11.7	1	68.1	44.1	57
750	82.4	6,177	73	14.4	16.4	72	3.0	10.9	2	65.5	26.6	58
(NA)	(NA)	4,892	68	26.6	10.5	57	(NA)	(NA)	11	(NA)	(NA)	59

TABLE 1. METROPOLITAN AREAS—SMSA's

	SMSA	PUBLIC ASSISTANCE, 1966 <sup>1</sup>						
		Recipients			Payments			
		Old-age assist- ance	Families with de- pendent children	Perma- nently and totally disabled	Total <sup>2</sup>	Old-age	Families with de- pendent children	Perma- nently and totally disabled
					\$1,000	\$1,000	\$1,000	\$1,000
1	Akron, Ohio.....	3,159	10,395	926	854	292	358	84
2	Albany-Schenectady-Troy, N.Y.....	1,739	7,879	934	528	104	286	70
3	Albuquerque, N. Mex.....	1,595	9,978	1,014	608	134	348	103
4	Allentown-Bethlehem-Easton, Pa.- N.J.....	962	3,846	362	477	68	120	26
5	Anaheim-Santa Ana-Garden Grove, Calif.....	7,882	11,204	1,527	2,501	715	478	146
6	Atlanta, Ga.....	13,096	18,614	4,769	1,668	819	454	318
7	Bakersfield, Calif.....	6,786	19,934	2,354	2,456	631	819	230
8	Baltimore, Md.....	6,910	71,238	5,827	5,132	666	2,857	579
9	Beaumont-Port Arthur-Orange, Tex.....	4,618	2,350	274	428	353	50	17
10	Binghamton, N.Y.-Pa.....	496	1,536	220	111	27	38	14
11	Birmingham, Ala.....	17,375	12,104	2,240	1,513	1,200	156	120
12	Boston, Mass. SEA.....	29,971	71,499	8,717	13,130	3,168	3,732	1,582
13	Boston, Mass. SMSA.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
14	Bridgeport, Conn. SEA.....	1,220	12,835	1,738	1,177	117	600	138
15	Bridgeport, Conn. SMSA.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
16	Buffalo, N.Y.....	3,645	36,213	2,134	2,116	201	1,410	133
17	Canton, Ohio.....	2,428	3,918	449	427	237	129	44
18	Charleston, S.C.....	1,342	1,940	634	224	84	35	41
19	Charleston, W. Va.....	1,143	10,526	649	485	73	308	43
20	Charlotte, N.C.....	2,296	5,517	1,161	576	167	167	144
21	Chattanooga, Tenn.-Ga.....	2,556	7,344	1,018	422	160	179	63
22	Chicago, Ill.....	21,244	185,150	20,297	16,571	1,242	7,618	1,600
23	Cincinnati, Ohio-Ind.-Ky.....	10,310	29,032	3,283	2,633	860	982	307
24	Cleveland, Ohio.....	11,027	52,549	3,061	3,827	1,148	1,996	290
25	Columbia, S.C.....	1,748	1,991	662	304	132	42	55
26	Columbus, Ohio.....	6,527	22,668	2,575	1,906	616	792	253
27	Corpus Christi, Tex.....	4,392	3,829	234	428	322	84	14
28	Dallas, Tex.....	20,864	10,310	889	1,925	1,632	208	52
29	Davenport-Rock Island-Moline, Iowa-Ill.....	1,128	4,112	194	381	57	162	14
30	Dayton, Ohio.....	4,788	11,391	727	1,043	433	449	61
31	Denver, Colo.....	15,533	27,279	3,499	3,459	1,479	1,142	296
32	Des Moines, Iowa.....	2,090	7,604	255	620	192	333	28
33	Detroit, Mich.....	15,163	87,345	7,777	6,947	1,076	3,170	816
34	Duluth-Superior, Minn.-Wis.....	2,755	4,261	484	974	182	186	41
35	El Paso, Tex.....	1,693	3,166	49	194	120	68	3
36	Erie, Pa.....	775	4,268	306	366	48	136	21
37	Flint, Mich.....	1,316	6,915	498	807	109	245	45
38	Fort Lauderdale-Hollywood, Fla.....	2,413	6,241	559	323	161	95	37
39	Fort Worth, Tex.....	10,991	5,202	549	1,048	887	110	34
40	Fresno, Calif.....	9,739	38,058	3,680	4,147	939	1,379	385
41	Gary-Hammond-East Chicago, Ind.....	1,794	12,833	251	714	188	467	34
42	Grand Rapids, Mich.....	2,250	7,528	738	1,125	231	274	107
43	Greensboro-Winston-Salem-High Point, N.C.....	3,486	13,324	2,695	1,039	269	399	258
44	Greenville, S.C.....	2,185	1,848	691	358	161	35	46
45	Harrisburg, Pa.....	1,094	6,805	401	945	78	220	29
46	Hartford, Conn. SEA.....	1,372	20,109	2,790	1,771	110	987	245
47	Hartford, Conn. SMSA.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
48	Honolulu, Hawaii.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
49	Houston, Tex.....	19,806	9,980	1,055	1,826	1,515	209	64
50	Huntington-Ashland, W. Va.-Ky.- Ohio.....	2,824	12,536	1,105	716	217	366	80
51	Indianapolis, Ind.....	3,172	8,430	275	618	261	254	30
52	Jacksonville, Fla.....	7,618	12,587	1,940	907	496	203	135
53	Jersey City, N.J.....	1,488	11,672	1,047	1,188	126	561	110
54	Johnstown, Pa.....	1,123	6,752	1,056	641	69	182	63
55	Kansas City, Mo.-Kans.....	9,964	21,102	1,940	1,723	770	613	169
56	Knoxville, Tenn.....	2,614	8,312	1,220	513	153	213	77
57	Lancaster, Pa.....	915	2,040	277	270	84	63	19
58	Lansing, Mich.....	1,249	4,394	297	612	105	162	40
59	Little Rock-North Little Rock, Ark.....	4,840	3,873	885	532	337	68	82

See notes on pp. 938-940.

WITH 250,000 POPULATION OR MORE—Continued

RETIRED WORKERS RECEIVING SOCIAL SECURITY BENEFITS, DECEMBER 1966 <sup>3</sup>			CRIMES, 1965 <sup>4</sup>											
Recip- ients	Pay- ments	Aver- age bene- fit	Total	Rate per 100,000 population										
				Total	Against persons					Against property				
					Murder and non- negli- gent man- slaugh- ter	For- cible rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Lar- ceny, \$50 and over	Auto theft		
1,000	\$1,000	Dol- lars	1,000											
37	3,464	95	9	1,368.9	142.7	2.9	11.4	74.9	53.5	1,226.1	520.5	392.5	313.1	1
53	4,547	87	6	902.4	76.0	1.3	5.3	17.5	51.9	826.4	424.0	200.7	201.7	2
11	834	79	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3
37	3,318	89	4	745.6	56.2	1.4	5.6	17.7	31.5	689.5	358.4	220.0	111.1	4
53	4,618	87	26	2,281.0	147.5	2.8	11.4	46.9	86.4	2,133.5	1,156.1	700.5	276.9	5
50	3,848	77	22	1,800.7	175.0	11.5	14.6	45.1	103.8	1,625.8	687.7	587.5	350.6	6
16	1,271	82	7	2,255.1	190.1	4.9	25.7	80.5	79.0	2,064.9	1,049.6	753.8	261.5	7
103	8,609	83	<sup>3</sup> 39	<sup>5</sup> 2,088.5	<sup>5</sup> 385.9	<sup>5</sup> 8.7	<sup>5</sup> 18.0	<sup>5</sup> 125.6	<sup>5</sup> 233.6	<sup>5</sup> 1,702.7	<sup>5</sup> 676.5	<sup>5</sup> 625.0	<sup>5</sup> 401.2	8
13	1,177	87	3	858.8	129.4	6.6	3.9	15.6	103.3	729.4	458.5	173.6	97.3	9
22	1,856	86	2	674.6	27.1	1.6	2.9	3.9	18.7	647.5	382.2	192.1	73.2	10
40	3,286	82	<sup>6</sup> 12	<sup>6</sup> 1,737.1	<sup>6</sup> 257.9	<sup>6</sup> 13.3	<sup>6</sup> 12.4	<sup>6</sup> 57.7	<sup>6</sup> 174.5	<sup>6</sup> 1,479.4	<sup>6</sup> 742.6	<sup>6</sup> 526.1	<sup>6</sup> 210.7	11
229	19,831	87	55	1,709.4	114.9	2.8	5.0	53.0	54.1	1,594.6	563.4	340.1	691.1	12
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13
45	4,171	92	10	1,338.2	74.8	2.5	4.5	23.8	44.0	1,263.5	621.4	373.9	268.2	14
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	15
84	7,641	91	17	1,170.8	114.9	2.3	7.1	39.4	66.1	1,055.9	479.7	325.7	250.5	16
22	2,020	91	4	1,036.3	84.3	2.8	7.6	37.5	36.4	952.0	455.4	336.2	160.4	17
9	588	69	5	1,710.2	227.3	10.5	20.6	56.3	139.9	1,483.0	746.5	480.2	256.3	18
13	1,102	84	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	19
16	1,226	76	7	1,898.9	357.5	15.9	12.0	80.9	248.7	1,541.4	881.5	468.0	191.9	20
18	1,336	76	5	1,566.6	133.8	13.1	13.1	36.3	71.3	1,432.6	754.3	260.0	418.3	21
390	35,523	91	136	2,048.9	461.2	6.9	21.6	244.3	188.4	1,587.7	638.3	417.3	532.1	22
80	6,863	86	13	946.3	123.8	4.2	14.7	36.8	68.1	822.4	423.7	260.2	138.5	23
117	10,666	91	24	1,189.8	197.5	5.7	8.9	101.0	81.9	992.2	546.6	144.6	301.0	24
11	801	71	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	25
39	3,246	83	13	1,599.1	159.2	4.2	12.7	69.1	73.2	1,439.9	751.8	425.2	262.9	26
10	733	74	6	2,054.6	291.5	7.3	10.6	49.2	224.4	1,763.0	854.5	704.7	203.8	27
64	5,010	78	<sup>7</sup> 23	<sup>7</sup> 1,765.1	<sup>7</sup> 217.0	<sup>7</sup> 10.3	<sup>7</sup> 13.9	<sup>7</sup> 53.2	<sup>7</sup> 139.6	<sup>7</sup> 1,548.2	<sup>7</sup> 831.0	<sup>7</sup> 371.3	<sup>7</sup> 345.9	28
22	1,914	86	4	1,352.9	92.8	2.7	7.6	37.3	45.2	1,260.0	537.3	482.9	239.8	29
39	3,384	87	10	1,205.3	140.3	5.1	11.0	55.2	69.0	1,065.1	583.8	264.7	216.6	30
56	4,640	83	21	1,906.8	195.8	4.1	19.0	84.3	88.4	1,711.1	817.6	547.6	345.9	31
19	1,626	86	4	1,312.4	60.4	2.6	6.7	37.3	13.8	1,252.1	554.3	496.6	201.2	32
218	20,871	96	87	2,199.5	362.0	6.2	26.8	178.4	150.6	1,837.4	840.4	508.1	488.9	33
20	1,653	85	2	896.2	45.1	0.7	1.8	17.7	24.9	851.1	440.5	252.4	158.2	34
11	798	75	6	1,521.4	169.3	2.5	9.4	46.2	111.2	1,352.2	841.5	238.9	271.8	35
17	1,492	88	2	979.3	84.5	2.4	5.1	44.2	32.8	894.8	446.4	206.6	241.8	36
22	2,121	96	10	2,206.3	438.3	3.9	22.8	80.8	330.8	1,768.1	756.3	745.6	266.2	37
54	4,883	91	11	2,468.1	394.8	8.2	16.7	97.4	272.5	2,073.3	1,210.3	614.1	243.9	38
31	2,445	78	10	1,640.0	183.9	10.4	14.7	72.3	86.5	1,456.0	810.8	372.0	273.2	39
24	1,871	79	10	2,551.4	169.7	4.7	10.9	78.3	75.8	2,381.7	1,081.9	849.3	450.5	40
26	2,515	96	12	2,028.3	324.7	5.2	16.8	136.4	166.3	1,703.5	666.2	594.8	442.5	41
30	2,718	89	6	1,240.1	104.7	1.8	12.4	41.0	49.5	1,135.4	534.1	400.8	200.5	42
31	2,347	76	<sup>8</sup> 7	<sup>8</sup> 1,404.2	<sup>8</sup> 406.8	<sup>8</sup> 10.8	<sup>8</sup> 8.8	<sup>8</sup> 25.1	<sup>8</sup> 362.1	<sup>8</sup> 997.4	<sup>8</sup> 483.6	<sup>8</sup> 324.2	<sup>8</sup> 189.6	43
14	1,026	74	5	1,617.8	151.1	6.1	12.1	28.9	104.0	1,466.9	636.9	548.2	281.8	44
25	2,071	83	3	796.7	73.6	4.9	9.4	26.0	33.3	723.1	428.6	186.9	107.6	45
50	4,673	93	9	1,213.5	92.5	2.0	5.1	29.5	55.9	1,121.0	630.2	308.0	182.8	46
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	47
20	1,536	78	13	2,181.7	75.8	3.1	1.0	22.6	49.1	2,105.8	1,120.3	544.5	441.0	48
61	4,954	82	31	1,890.8	290.8	10.7	11.8	95.5	172.8	1,600.0	941.8	379.4	278.8	49
15	1,151	78	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	50
61	5,268	86	<sup>9</sup> 18	<sup>9</sup> 1,825.3	<sup>9</sup> 211.6	<sup>9</sup> 5.2	<sup>9</sup> 17.4	<sup>9</sup> 119.5	<sup>9</sup> 69.5	<sup>9</sup> 1,613.8	<sup>9</sup> 798.0	<sup>9</sup> 381.2	<sup>9</sup> 434.6	51
22	1,629	76	12	2,425.1	341.6	11.1	15.8	170.1	144.6	2,083.4	1,311.2	541.8	230.4	52
45	4,029	90	7	1,234.0	120.0	4.7	4.3	38.9	72.1	1,114.1	438.2	149.8	526.1	53
17	1,496	86	1	381.2	34.5	2.5	2.5	11.5	18.0	346.7	203.6	80.0	63.1	54
72	6,159	85	26	2,083.2	306.9	7.7	24.8	118.1	156.3	1,776.2	918.2	521.1	336.9	55
21	1,552	75	4	1,019.5	154.5	7.3	13.3	22.9	111.0	865.0	533.7	176.8	154.5	56
21	1,747	85	1	450.9	38.9	-	4.9	9.0	25.0	412.0	246.6	97.1	68.3	57
17	1,542	89	6	1,815.5	136.3	3.7	26.8	26.1	79.7	1,679.3	777.8	650.5	251.0	58
16	1,132	72	<sup>10</sup> 6	<sup>10</sup> 1,921.1	<sup>10</sup> 327.4	<sup>10</sup> 9.2	<sup>10</sup> 21.2	<sup>10</sup> 84.4	<sup>10</sup> 212.6	<sup>10</sup> 1,593.7	<sup>10</sup> 651.8	<sup>10</sup> 694.1	<sup>10</sup> 247.8	59



TABLE 1. METROPOLITAN AREAS—SMSA'S

[For employees and value added in defense-oriented industries, letter symbols denoting a range were used in place Under 500, (b) 500 to 999, (c) 1,000 to 1,900, (d) 2,000 to 4,900, (e) 5,000 to 9,900, (f) 10,000 to 19,900, (g) 20,000 to million, (k) \$5 to \$9.9 million, (l) \$10 to 19.9 million, (m) \$20 to \$49.9 million, (n) \$50 to \$99.9 million, (o) \$100 to

	SMSA	Median years of school completed, 1960 <sup>1 2</sup>	HEALTH CARE, 1962 <sup>3</sup>				LOCAL GOVERNMENTS, 1962 <sup>4</sup>				
			Physicians per 100,000 population	Dentists per 100,000 population	Hospital beds		Number		General revenue	Direct general expenditure	Debt outstanding
					Total	Per 1,000 population	Total	With property-taxing power			
									Mil. dol.	Mil. dol.	Mil. dol.
1	Akron, Ohio.....	11.4	130.7	49.0	2,025	3.2	98	95	125	130	124
2	Albany-Schenectady-Troy, N.Y.....	11.0	185.3	57.3	2,885	4.3	248	248	157	155	190
3	Albuquerque, N. Mex.....	12.2	169.1	43.9	975	3.4	11	6	45	48	59
4	Allentown-Bethlehem-Easton, Pa.-N.J.....	9.8	140.5	56.9	2,016	4.0	211	153	84	86	107
5	Anaheim-Santa Ana-Garden Grove, Calif.....	12.2	176.0	52.3	2,162	2.7	114	114	254	260	210
6	Atlanta, Ga.....	11.1	164.9	47.3	3,540	3.3	84	59	183	205	358
7	Bakersfield, Calif.....	10.9	119.3	35.9	1,276	4.2	118	112	107	105	51
8	Baltimore, Md.....	9.6	193.9	44.5	5,996	3.2	28	19	425	444	634
9	Beaumont-Port Arthur-Orange, Tex.....	10.8	104.9	40.2	1,240	3.9	50	43	61	66	132
10	Binghamton, N.Y.-Pa.....	11.0	130.7	52.1	1,363	4.7	176	174	75	85	74
11	Birmingham, Ala.....	9.6	134.1	47.8	2,719	3.7	79	62	92	93	135
12	Boston, Mass. SEA.....	12.0	244.6	77.6	14,215	4.5	<sup>8</sup> 198	144	851	795	766
13	Boston, Mass., SMSA.....	12.1	(NA)	(NA)	(NA)	(NA)	<sup>9</sup> 125	<sup>9</sup> 83	<sup>9</sup> 724	<sup>9</sup> 660	<sup>9</sup> 654
14	Bridgeport, Conn. SEA.....	11.6	165.9	82.7	2,123	3.1	<sup>10</sup> 55	44	142	148	211
15	Bridgeport, Conn., SMSA.....	10.6	(NA)	(NA)	(NA)	(NA)	<sup>11</sup> 26	<sup>11</sup> 21	<sup>11</sup> 64	<sup>11</sup> 63	<sup>11</sup> 82
16	Buffalo, N.Y.....	10.5	157.9	65.3	6,088	4.5	153	152	336	361	488
17	Canton, Ohio.....	10.7	116.2	46.3	1,330	3.8	57	54	58	55	44
18	Charleston, S.C.....	10.0	162.3	23.8	927	3.5	40	35	28	28	12
19	Charleston, W. Va.....	10.1	129.2	49.3	1,326	5.2	22	17	35	42	55
20	Charlotte, N.C.....	11.4	115.9	41.8	1,650	5.0	18	16	57	61	86
21	Chattanooga, Tenn.-Ga.....	9.6	130.2	45.8	1,305	4.5	21	14	47	54	88
22	Chicago, Ill.....	10.9	165.7	73.1	26,244	4.1	1,060	995	1,506	1,598	2,519
23	Cincinnati, Ohio-Ind-Ky.....	10.2	156.7	41.6	4,869	3.7	259	244	284	309	459
24	Cleveland, Ohio.....	11.1	189.8	69.1	8,109	4.1	205	199	432	454	575
25	Columbia, S.C.....	10.5	145.0	31.4	1,041	3.8	36	33	30	31	25
26	Columbus, Ohio.....	11.9	197.7	62.8	3,156	4.0	128	123	153	160	232
27	Corpus Christi, Tex.....	10.7	116.2	33.8	778	2.8	58	53	52	53	103
28	Dallas, Tex.....	11.7	176.4	46.7	4,244	3.6	198	184	201	220	456
29	Davenport-Rock Island-Moline, Iowa-Ill.....	11.0	99.9	49.0	1,406	4.3	182	157	68	67	76
30	Dayton, Ohio.....	11.4	136.6	38.9	2,125	2.8	162	155	148	152	179
31	Denver, Colo.....	12.2	244.9	70.7	3,912	4.0	205	197	236	233	232
32	Des Moines, Iowa.....	12.2	183.8	67.0	1,228	4.5	84	83	61	59	54
33	Detroit, Mich.....	10.8	154.2	57.3	12,438	3.2	242	233	902	967	1,180
34	Duluth-Superior, Minn.-Wis.....	11.0	114.7	60.7	1,833	6.5	155	153	85	81	51
35	El Paso, Tex.....	11.2	129.6	26.0	1,105	3.3	17	15	49	57	56
36	Erie, Pa.....	11.1	128.6	63.3	925	3.6	93	69	40	41	51
37	Flint, Mich.....	10.8	126.7	39.3	1,791	4.1	111	108	94	98	73
38	Fort Lauderdale-Hollywood, Fla.....	11.9	171.1	69.1	1,324	3.6	38	32	76	80	75
39	Fort Worth, Tex.....	11.4	126.8	39.8	1,996	3.3	89	85	95	102	156
40	Fresno, Calif.....	10.5	138.1	48.7	1,413	3.7	208	199	122	131	85
41	Gary-Hammond-East-Chicago, Ind.....	10.5	77.9	42.6	1,699	2.8	110	96	126	125	114
42	Grand Rapids, Mich.....	10.9	137.0	57.6	1,587	3.3	143	140	83	97	75
43	Greensboro-Winston-Salem-High Point, N.C.....	9.9	132.1	37.1	2,106	3.9	33	27	97	110	110
44	Greenville, S.C.....	9.8	107.6	26.7	877	3.3	36	31	28	26	24
45	Harrisburg, Pa.....	11.1	152.6	53.6	1,689	4.4	255	193	62	72	113
46	Hartford, Conn. SEA.....	11.1	192.1	67.6	2,671	3.7	<sup>10</sup> 63	54	149	163	243
47	Hartford, Conn., SMSA.....	11.5	(NA)	(NA)	(NA)	(NA)	<sup>14</sup> 48	<sup>14</sup> 42	<sup>14</sup> 119	<sup>14</sup> 128	<sup>14</sup> 188
48	Honolulu, Hawaii.....	12.0	155.1	65.8	1,422	2.7	5	1	68	75	121
49	Houston, Tex.....	11.4	152.7	47.9	5,719	3.8	166	156	288	318	612
50	Huntingtn-Ashland, W. Va.-Ky.-Ohio.....	9.4	110.6	47.9	1,233	4.8	57	49	36	34	24
51	Indianapolis, Ind.....	11.4	156.2	58.1	3,837	3.9	311	272	190	208	242
52	Jacksonville, Fla.....	10.8	129.4	33.9	1,491	3.1	11	9	67	82	91
53	Jersey City, N.J.....	9.2	146.4	68.7	2,843	4.7	25	14	164	163	216
54	Johnstown, Pa.....	8.9	95.4	52.0	1,422	5.1	244	191	38	44	46
55	Kansas City, Mo.-Kans.....	12.0	172.5	62.2	4,998	4.4	338	317	211	213	366
56	Knoxville, Tenn.....	9.9	143.7	49.0	1,800	4.8	28	12	49	47	78
57	Lancaster, Pa.....	9.5	127.2	51.8	1,065	3.7	159	95	41	47	68
58	Lansing, Mich.....	12.0	122.6	50.5	1,050	3.4	206	203	65	70	47
59	Little Rock-North Little Rock, Ark.....	11.1	231.9	44.8	1,657	5.9	75	21	36	38	54

See notes on pp. 938-940.

## WITH 250,000 OR MORE POPULATION—Continued

of percents to avoid disclosure of individual company data. Symbols a to g apply as follows to employees: (a) 49,900. Symbols h to q apply as follows to value added: (h) \$50,000 to \$99,900, (i) \$1 to \$1.9 million, (j) \$2 to \$4.9 million, (p) \$200 to \$499.9 million, and (q) \$500 to \$999.9 million.]

MANUFACTURES, 1964 <sup>5</sup>					MANUFACTURES, 1963 <sup>5</sup>							
Em- ployees, annual average	Pay- roll, entire year	Value added	Establish- ments		Employees			Pay- roll, entire year	Value added			
			Total	With 20 or more em- ployees	Annual aver- age	Index of change, (1958 = 100)	In de- fense- oriented indus- tries		Total	Change, 1958 to 1963	In de- fense- oriented indus- tries	
1,000	Mil. dol.	Mil. dol.		Per- cent	1,000		Percent	Mil. dol.	Mil. dol.	Percent	Percent	
90	659	1,089	854	36.8	91	102	(e)	639	1,014	25.3	(n)	1
63	416	727	731	37.1	62	86	(f)	395	692	7.9	(o)	2
8	48	86	263	28.1	8	122	(NA)	47	77	54.7	(NA)	3
97	563	922	1,030	53.6	94	100	(b)	518	833	21.9	(n)	4
120	836	1,760	1,444	27.2	97	257	21.8	687	1,198	280.0	19.9	5
100	592	1,235	1,487	38.2	96	115	(f)	539	1,153	62.0	(o)	6
6	37	72	277	23.1	6	106	(NA)	38	81	35.9	(NA)	7
195	1,247	2,474	2,143	41.2	195	97	17.3	1,203	2,374	18.5	7 9.4	8
33	243	751	271	37.6	33	101	(NA)	234	704	85.4	(NA)	9
43	282	353	404	39.1	42	114	48.8	259	342	10.0	54.1	10
64	394	810	807	39.5	63	94	(e)	376	889	46.3	(m)	11
372	2,226	3,960	6,703	36.6	380	99	(NA)	2,203	3,772	26.3	(NA)	12
285	1,773	3,167	5,465	35.8	293	97	17.9	1,769	3,014	24.4	18.3	13
115	745	1,323	1,608	38.1	114	109	(NA)	720	1,280	39.4	(NA)	14
69	436	821	839	36.8	67	104	29.2	420	799	40.0	28.3	15
168	1,185	2,244	1,808	37.6	163	94	6.9	1,104	2,069	20.6	5.4	16
55	379	700	519	38.2	53	104	(NA)	344	667	33.5	(NA)	17
12	52	114	201	35.3	11	105	(NA)	48	106	35.7	(NA)	18
21	162	590	165	34.5	21	100	(NA)	160	645	75.5	(NA)	19
33	163	310	642	37.1	33	118	(NA)	152	286	44.9	(NA)	20
40	213	450	455	45.5	39	95	(a)	194	392	16.1	(i)	21
885	5,852	11,244	13,956	37.8	861	100	7.8	5,472	10,291	24.1	7.3	22
151	1,009	2,168	1,971	40.4	154	98	17.0	989	2,057	32.3	15.4	23
285	2,026	3,529	4,177	36.3	280	102	6.6	1,908	3,379	32.1	5.8	24
16	66	129	294	34.7	14	129	(NA)	57	112	75.1	(NA)	25
79	525	1,023	976	37.0	80	110	(f)	511	962	41.5	21.2	26
10	64	175	165	35.8	10	98	(NA)	(D)	(D)	(D)	(NA)	27
114	658	1,259	2,132	35.3	110	116	12 25.9	13 619	13 1,195	13 41.3	12 25.9	28
45	313	560	470	36.2	41	105	4.9	273	494	22.1	5.0	29
109	778	1,427	1,054	37.3	104	107	(f)	719	1,318	44.5	(o)	30
66	450	872	1,481	28.9	70	131	(f)	462	926	64.5	(p)	31
21	142	300	389	32.9	22	93	(NA)	135	285	18.2	(NA)	32
524	4,246	7,392	7,023	31.8	494	106	3.4	3,847	6,690	55.1	2.5	33
11	65	136	364	22.8	12	101	(NA)	61	132	29.9	(NA)	34
15	63	129	251	27.5	15	130	(NA)	62	126	37.9	(NA)	35
39	247	473	472	39.0	36	105	(NA)	221	414	34.4	(NA)	36
70	567	1,200	336	29.2	69	117	(NA)	563	1,146	95.6	(NA)	37
10	48	80	579	20.4	10	153	(NA)	44	78	94.2	(NA)	38
57	376	774	954	32.2	51	90	(f)	322	586	12.1	(o)	39
14	78	213	534	26.6	14	114	(NA)	75	182	39.0	(NA)	40
102	778	1,745	428	43.9	98	98	(a)	722	1,648	28.6	(j)	41
68	433	884	1,170	35.6	65	114	(d)	393	779	42.0	(m)	42
100	484	1,207	1,092	42.0	97	107	(c)	431	1,170	41.4	(m)	43
45	194	360	406	41.1	45	123	(NA)	177	315	52.5	(NA)	44
35	180	381	463	42.3	33	100	(NA)	165	353	34.5	(NA)	45
128	875	1,412	1,391	33.6	128	103	(NA)	817	1,338	35.1	(NA)	46
90	626	1,005	945	34.4	90	102	(g)	590	949	31.3	(p)	47
18	83	193	526	29.5	18	113	(NA)	81	179	67.3	(NA)	48
115	778	2,139	2,261	32.2	109	104	(c)	720	1,918	41.3	0.6	49
24	158	331	262	41.6	24	103	(NA)	146	307	25.8	(NA)	50
121	820	1,493	1,423	34.3	117	110	15 21.2	760	1,385	32.8	15 21.5	51
22	110	266	546	34.6	21	107	(NA)	102	241	36.3	(NA)	52
111	661	1,376	2,338	35.2	110	38	14.2	633	1,385	13.1	11.2	53
24	142	245	320	28.4	23	97	(NA)	128	205	22.8	(NA)	54
113	725	1,679	1,755	36.8	111	108	13.7	685	1,514	41.6	9.3	55
41	229	427	391	36.8	35	112	(NA)	176	413	45.2	(NA)	56
48	272	596	673	43.8	48	109	(d)	255	533	44.8	(n)	57
33	248	485	351	30.8	28	110	(NA)	220	475	67.5	(NA)	58
22	100	215	347	38.9	20	120	(NA)	85	188	37.4	(NA)	59

TABLE 1. METROPOLITAN AREAS—SMSA'S

SMSA		RETAIL TRADE, 1963 <sup>1</sup>								
		Establishments			Sales, all establishments				Paid employees, Nov. 15 work-week	Payroll, entire year
		Total	With payroll		Total	Change, 1958-1963	By food stores	By automotive dealers		
			Total	Change, 1958-1963						
			Per cent	Percent	Mil. dol.	Percent	Per cent	Per cent	1,000	Mil. dol.
1	Akron, Ohio.....	4,518	76.8	3.0	813	18.6	24.3	20.9	29	96
2	Albany-Schenectady-Troy, N.Y. ....	6,558	66.9	-5.5	913	10.6	24.7	17.4	33	105
3	Albuquerque, N. Mex. ....	2,145	75.9	15.0	387	25.5	19.2	24.1	15	47
4	Allentown-Bethlehem-Easton, Pa.-N.J. ....	5,067	65.1	-1.2	665	20.9	23.8	17.3	24	75
5	Anaheim-Santa Ana-Garden Grove, Calif. ....	6,946	76.1	52.9	1,463	108.5	21.9	19.0	49	180
6	Atlanta, Ga. ....	8,146	73.8	14.6	1,619	31.7	20.6	21.1	59	193
7	Bakersfield, Calif. ....	2,884	75.4	6.4	455	20.8	21.2	19.4	15	54
8	Baltimore, Md. ....	14,310	73.8	-2.2	2,353	16.3	23.1	17.1	96	295
9	Beaumont-Port Arthur-Orange, Tex. ....	2,715	71.6	-3.9	388	11.0	26.1	20.8	13	42
10	Binghamton, N.Y.-Pa. ....	2,626	67.6	-8.1	374	16.6	26.1	18.9	13	41
11	Birmingham, Ala. ....	5,650	66.7	-1.3	838	17.6	23.8	22.3	30	94
12	Boston, Mass. SEA ....	26,376	73.9	-5.2	4,594	15.9	24.1	14.9	178	597
13	Boston, Mass. SMSA ....	21,689	74.6	-5.2	3,973	15.4	23.8	14.8	154	521
14	Bridgeport, Conn. SEA ....	6,653	70.8	0.6	1,070	26.2	26.3	17.0	34	125
15	Bridgeport, Conn. SMSA ....	3,143	69.2	-1.3	498	27.3	26.4	16.5	17	59
16	Buffalo, N.Y. ....	11,633	69.3	-6.6	1,675	10.1	25.3	19.4	63	197
17	Canton, Ohio ....	3,135	74.5	1.3	439	16.4	23.4	20.6	16	51
18	Charleston, S.C. ....	1,959	68.8	4.5	248	27.9	22.6	19.0	9	26
19	Charleston, W. Va. ....	1,947	71.3	-6.6	308	9.9	24.3	20.7	11	35
20	Charlotte, N.C. ....	2,686	70.5	3.7	485	28.8	20.9	22.5	17	53
21	Chattanooga, Tenn.-Ga. ....	2,619	68.0	1.6	380	21.1	23.7	20.8	13	40
22	Chicago, Ill. ....	49,804	67.7	-4.7	9,889	17.8	21.7	16.0	353	1,237
23	Cincinnati, Ohio-Ind.-Ky. ....	10,823	73.0	-2.6	1,651	17.6	25.1	17.7	59	196
24	Cleveland, Ohio ....	15,191	72.6	-3.5	2,716	16.5	24.8	18.6	94	323
25	Columbia, S.C. ....	2,183	64.6	-1.0	293	26.3	20.5	23.0	11	32
26	Columbus, Ohio ....	5,811	78.0	2.5	1,145	25.1	22.1	19.8	41	139
27	Corpus Christi, Tex. ....	2,341	72.9	-7.1	302	3.7	24.3	21.8	11	35
28	Dallas, Tex. ....	10,308	76.5	12.7	1,848	22.7	21.6	22.9	67	220
29	Davenport-Rock Island-Moline, Iowa-Ill. ....	3,082	75.0	-1.5	491	25.3	20.7	19.0	18	56
30	Dayton, Ohio ....	5,437	78.3	5.1	994	25.5	23.6	19.4	37	116
31	Denver, Colo. ....	7,860	76.9	14.0	1,533	29.6	21.3	19.6	56	196
32	Des Moines, Iowa ....	2,215	76.3	-12.8	411	9.9	22.3	19.7	17	53
33	Detroit, Mich. ....	29,337	73.6	-2.4	5,393	21.2	22.9	22.6	166	565
34	Duluth-Superior, Minn.-Wis. ....	2,528	73.5	-8.1	318	2.0	24.8	17.4	11	37
35	El Paso, Tex. ....	2,227	76.6	14.5	380	17.5	20.0	21.2	15	45
36	Erie, Pa. ....	2,379	69.4	0.7	314	12.9	25.1	19.2	11	34
37	Flint, Mich. ....	3,431	75.5	-2.7	620	34.6	23.2	23.7	19	64
38	Fort Lauderdale-Hollywood, Fla. ....	4,141	72.3	23.5	647	49.6	24.7	21.0	22	74
39	Fort Worth, Tex. ....	5,170	72.3	12.4	852	14.4	23.1	21.8	33	101
40	Fresno, Calif. ....	3,697	76.4	7.9	611	24.2	22.5	19.4	19	70
41	Gary-Hammond-East Chicago, Ind. ....	4,385	76.6	0.7	766	21.0	26.1	17.0	26	88
42	Grand Rapids, Mich. ....	3,996	75.0	-1.6	663	24.7	24.1	21.1	22	70
43	Greensboro-Winston-Salem-High Point, N.C. ....	4,829	65.5	8.6	678	21.3	22.3	19.9	25	82
44	Greenville, S.C. ....	2,472	63.0	7.3	314	32.6	25.0	19.2	11	32
45	Harrisburg, Pa. ....	3,546	70.9	-	535	22.7	20.8	20.0	20	61
46	Hartford, Conn. SEA ....	5,947	73.5	-3.6	1,119	23.8	24.2	16.0	40	139
47	Hartford, Conn. SMSA ....	4,504	75.3	-2.7	919	26.0	24.0	16.3	33	115
48	Honolulu, Hawaii ....	3,373	74.9	9.2	620	46.1	23.9	16.1	29	85
49	Houston, Tex. ....	13,200	70.4	5.0	2,170	26.4	24.0	20.8	74	244
50	Huntington-Ashland, W. Va.-Ky.-Ohio. ....	2,303	63.6	-6.1	295	11.0	25.3	20.3	10	33
51	Indianapolis, Ind. ....	7,252	78.0	-3.4	1,439	24.1	20.3	21.0	53	174
52	Jacksonville, Fla. ....	4,124	73.5	16.8	672	28.7	22.5	23.1	24	76
53	Jersey City, N.J. ....	6,783	63.5	-8.0	705	10.3	28.4	11.3	22	76
54	Johnstown, Pa. ....	2,603	61.9	-4.6	275	3.7	27.1	19.9	10	30
55	Kansas City, Mo.-Kans. ....	8,106	77.8	-1.6	1,683	13.2	21.0	19.2	64	219
56	Knoxville, Tenn. ....	2,886	72.1	2.8	461	29.0	23.4	18.9	17	51
57	Lancaster, Pa. ....	2,913	69.0	3.2	387	25.4	20.6	17.4	13	41
58	Lansing, Mich. ....	2,658	76.8	4.7	464	27.7	22.5	23.5	15	48
59	Little Rock-North Little Rock, Ark. ....	2,410	75.7	6.0	373	24.3	20.4	23.8	13	41

See notes on pp. 938-940.



## Selected Data

911

WITH 250,000 POPULATION OR MORE—Continued

DEPARTMENT STORE SALES <sup>2</sup>			SELECTED SERVICES, 1963 <sup>3</sup>					WHOLESALE TRADE, 1963 <sup>4</sup>			
December, 1966	March 1967		Establishments		Re- ceipts, total	Paid em- ployees	Pay- roll	Estab- lish- ments	Sales		Paid em- ployees
	Total	Change, March 1966-1967	Total	With payroll					Total	Merchant whole- salers	
<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Percent</i>		<i>Per- cent</i>	<i>Mil. dol.</i>	<i>1,000</i>	<i>Mil. dol.</i>		<i>Mil. dol.</i>	<i>Percent</i>	<i>1,000</i>
22.1	10.4	17	3,365	45.8	108	8.6	31	754	1,079	39.9	8.7
18.2	8.7	28	3,709	43.5	209	14.3	65	1,004	1,068	47.8	11.4
8.8	4.6	21	1,596	56.6	56	5.3	17	512	382	67.1	5.5
(NA)	(NA)	(NA)	2,939	39.1	77	6.4	20	685	546	47.5	6.9
43.1	20.7	20	5,255	49.6	239	17.6	72	826	861	35.2	7.4
46.6	25.8	23	6,120	53.1	336	28.6	92	2,821	5,733	24.8	41.8
7.0	3.6	4	1,888	50.8	65	4.9	20	462	466	37.9	3.7
<sup>5</sup> 56.4	<sup>5</sup> 28.9	<sup>5</sup> 9	8,000	51.1	449	35.8	131	2,379	3,184	43.6	32.1
(NA)	(NA)	(NA)	1,778	45.7	48	4.8	13	446	285	65.0	4.2
5.9	3.1	8	1,550	35.0	40	3.6	11	350	298	43.4	4.2
<sup>6</sup> 15.5	<sup>6</sup> 9.1	<sup>6</sup> 21	3,070	52.8	110	11.1	33	1,126	1,616	39.6	15.0
(NA)	(NA)	(NA)	17,266	48.3	855	67.3	261	6,293	8,543	42.6	69.9
88.2	42.0	-2	14,543	49.4	785	61.4	242	5,809	8,192	41.4	64.8
(NA)	(NA)	(NA)	4,124	50.2	154	12.1	48	986	884	56.1	10.6
(NA)	(NA)	(NA)	1,787	49.9	59	5.0	18	511	513	57.8	6.4
37.4	20.3	14	6,774	42.2	258	21.4	80	2,056	2,897	36.4	21.6
7.8	3.5	30	2,030	43.2	48	4.3	14	402	343	74.4	4.7
5.8	3.2	10	1,033	54.5	30	3.6	9	293	283	57.0	3.4
8.3	4.1	14	1,095	54.2	40	3.4	10	386	336	55.8	4.2
(NA)	(NA)	(NA)	2,112	55.5	106	9.7	30	1,214	2,811	22.7	16.5
7.7	4.0	10	1,665	51.7	53	5.7	15	512	506	57.5	5.3
203.6	107.2	9	35,231	46.2	2,837	168.4	764	12,206	23,682	36.2	171.0
42.9	23.6	19	6,717	46.5	303	22.7	84	2,272	4,043	25.5	26.8
75.0	36.8	4	10,499	48.2	560	39.9	160	3,665	6,323	30.2	45.2
8.2	4.5	27	1,251	54.0	43	4.8	12	438	403	65.9	4.9
35.2	17.0	10	4,215	48.6	178	16.3	55	1,143	1,464	54.0	15.3
6.1	3.1	1	1,553	51.7	46	4.5	13	452	275	71.9	3.9
<sup>7</sup> 47.5	<sup>7</sup> 25.4	<sup>7</sup> 31	7,818	56.8	401	32.9	113	3,288	5,657	<sup>8</sup> 36.6	42.8
(NA)	(NA)	(NA)	1,851	45.8	57	5.0	14	577	637	37.5	5.3
25.6	13.4	17	4,188	42.9	198	11.7	44	947	1,028	45.2	9.8
37.3	18.4	21	6,712	51.8	289	23.7	85	2,273	2,941	41.7	25.5
9.4	5.6	17	1,319	52.9	88	6.8	23	703	1,009	52.7	8.9
159.9	83.5	9	19,925	50.4	1,226	71.1	286	5,643	9,952	30.8	65.0
4.6	2.2	18	1,459	47.2	37	3.1	10	469	534	64.8	4.2
8.3	4.2	-2	1,248	64.1	50	5.6	15	480	505	54.0	5.3
6.1	2.9	14	1,530	38.8	40	3.1	9	354	215	61.8	3.0
15.5	6.8	8	2,101	45.5	56	4.4	15	420	386	50.0	7.6
(NA)	(NA)	(NA)	3,439	51.1	131	10.7	34	526	359	53.4	4.3
22.9	13.2	37	3,921	52.8	122	12.0	36	1,021	1,166	56.7	11.5
10.9	5.2	13	2,530	49.8	90	7.0	23	774	718	59.3	8.1
15.9	7.8	2	2,484	44.4	69	5.8	20	486	458	49.5	5.1
13.2	6.8	18	2,797	44.0	95	7.3	25	1,003	1,008	62.7	10.3
(NA)	(NA)	(NA)	3,102	48.0	101	9.2	28	1,002	1,005	41.9	10.9
6.8	3.3	3	1,390	48.6	43	4.1	11	421	356	47.6	4.2
(NA)	(NA)	(NA)	2,272	42.6	70	6.4	20	544	637	48.6	7.9
(NA)	(NA)	(NA)	3,612	53.1	159	14.0	49	1,193	1,230	54.4	14.0
26.8	12.0	-5	2,712	54.5	137	12.1	43	1,054	1,141	51.8	12.4
11.7	7.0	12	2,748	55.4	140	12.8	43	779	647	52.1	9.3
54.4	30.4	16	9,784	48.4	408	35.4	121	3,034	4,561	48.1	39.9
(NA)	(NA)	(NA)	1,270	45.5	33	3.5	10	375	375	45.0	4.1
<sup>9</sup> 35.8	<sup>9</sup> 17.1	<sup>9</sup> 3	5,556	42.9	208	16.9	59	1,829	2,802	36.4	22.6
13.8	6.9	14	2,851	53.6	110	10.4	30	986	2,002	28.3	12.8
(NA)	(NA)	(NA)	3,061	50.2	134	11.9	43	1,068	1,121	64.1	12.6
(NA)	(NA)	(NA)	1,276	40.1	24	2.0	5	295	136	62.4	2.2
30.9	16.0	8	6,071	55.5	294	25.1	87	2,513	5,070	41.6	33.3
11.4	5.7	16	2,067	48.8	56	5.7	16	613	502	55.8	6.9
6.3	2.9	22	1,742	39.2	44	3.2	10	421	362	42.5	4.1
10.7	4.9	7	1,617	45.2	47	4.0	13	444	411	40.6	4.0
<sup>10</sup> 7.9	<sup>10</sup> 4.0	<sup>10</sup> 16	1,595	59.5	56	5.5	16	550	546	58.8	6.7

TABLE 1. METROPOLITAN AREAS—SMSA'S

SMSA		POPULATION AND AREA <sup>1</sup>							
		Population, Apr. 1, 1960			Land area, 1960	Population estimates, July 1, 1965	Percent change, 1960 to 1965		
		Total	Rank	Non-white			Total	Natural increase	Net migration
		1,000		Percent	Sq. mi.	1,000			
1	Los Angeles-Long Beach, Calif.	6,039	3	9.7	4,069	6,765	12.0	7.0	5.0
2	Louisville, Ky.-Ind.	725	36	11.6	908	771	6.4	7.4	-1.0
3	Memphis, Tenn.-Ark.	675	40	38.0	1,363	740	9.7	9.0	0.7
4	Miami, Fla.	935	26	14.9	2,042	1,061	13.5	5.4	8.1
5	Milwaukee, Wis.	1,279	17	5.3	1,457	1,275	3.4	7.7	-4.3
6	Minneapolis-St. Paul, Minn.	1,482	14	1.8	2,107	1,612	8.8	9.2	-0.4
7	Mobile, Ala.	363	72	30.8	2,818	391	7.5	9.6	-2.2
8	Nashville, Tenn.	464	59	18.4	1,629	512	10.4	7.2	3.2
9	New Haven, Conn. SEA	660	(X)	5.3	605	704	6.6	5.8	0.8
10	New Haven, Conn. SMSA	321	80	7.7	245	(NA)	(NA)	(NA)	(NA)
11	New Orleans, La.	967	28	30.9	1,975	1,027	13.2	8.4	4.8
12	New York, N.Y.	10,695	1	12.0	2,136	11,366	6.3	5.1	1.2
13	Newark, N.J.	1,689	13	13.4	701	1,851	9.6	5.6	4.0
14	Norfolk-Portsmouth, Va.	579	48	26.4	667	637	10.1	10.5	-0.4
15	Oklahoma City, Okla.	512	54	9.4	2,143	585	14.3	8.9	5.4
16	Omaha, Nebr.-Iowa	458	61	6.0	1,537	516	12.7	10.0	2.7
17	Orlando, Fla.	318	82	16.6	1,215	372	16.9	8.8	8.1
18	Paterson-Clifton-Passaic, N.J.	1,187	19	3.8	427	1,307	10.1	5.5	4.6
19	Peoria, Ill.	313	85	3.3	1,803	320	2.3	7.0	-4.7
20	Philadelphia, Pa.-N.J.	4,343	4	15.7	3,553	4,664	7.4	6.0	1.4
21	Phoenix, Ariz.	664	41	5.5	9,238	818	23.3	9.8	13.5
22	Pittsburgh, Pa.	2,405	8	6.8	3,049	2,372	-1.4	4.6	-6.0
23	Portland, Oreg.-Wash.	822	29	3.0	3,650	897	9.2	4.8	4.4
24	Providence-Pawtucket-Warwick, R.I. SEA	719	(X)	2.1	614	739	2.8	4.9	-2.0
25	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	821	30	1.9	680	(NA)	(NA)	(NA)	(NA)
26	Reading, Pa.	275	97	1.8	862	283	2.9	3.7	-0.8
27	Richmond, Va.	436	64	26.3	1,192	484	11.1	6.6	4.5
28	Rochester, N.Y.	733	34	4.0	2,316	804	9.7	6.4	3.3
29	Sacramento, Calif.	626	45	6.8	3,436	737	17.8	8.8	9.0
30	St. Louis, Mo.-Ill.	2,105	9	14.2	4,119	2,249	6.8	7.0	-0.1
31	Salt Lake City, Utah	448	63	1.4	1,061	523	16.7	12.1	4.6
32	San Antonio, Tex.	716	38	7.1	1,960	808	12.8	10.6	2.2
33	San Bernardino-Riverside-Ontario, Calif.	810	31	4.7	27,295	1,026	26.7	8.2	18.5
34	San Diego, Calif.	1,033	23	5.5	4,262	1,136	10.0	9.1	1.0
35	San Francisco-Oakland, Calif.	2,649	6	12.5	2,478	2,918	10.2	6.3	3.9
36	San Jose, Calif.	642	43	3.2	1,300	885	37.8	11.6	26.2
37	Seattle-Everett, Wash.	1,107	21	4.8	4,229	1,179	6.5	6.6	-0.1
38	Shreveport, La.	281	92	34.1	1,747	289	2.6	8.6	-6.0
39	South Bend, Ind.	271	99	5.3	910	270	-0.5	6.0	-6.5
40	Spokane, Wash.	278	95	2.0	1,758	267	-4.2	5.6	-9.8
41	Springfield-Chicopee-Holyoke, Mass. SEA	533	(X)	3.0	1,151	550	3.3	5.8	-2.5
42	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA	494	57	3.1	534	(NA)	(NA)	(NA)	(NA)
43	Syracuse, N.Y.	564	51	2.6	2,372	606	7.5	7.4	0.1
44	Tacoma, Wash.	322	79	5.1	1,676	343	6.6	7.9	-1.4
45	Tampa-St. Petersburg, Fla.	772	32	11.5	1,303	873	13.1	3.1	10.0
46	Toledo, Ohio-Mich.	631	44	7.3	1,520	657	4.2	6.4	-2.2
47	Trenton, N.J.	266	101	12.9	228	296	11.3	5.6	5.7
48	Tucson, Ariz.	266	103	6.3	9,240	307	15.5	8.9	6.6
49	Tulsa, Okla.	419	65	9.2	3,781	433	3.4	6.3	-2.9
50	Utica-Rome, N.Y.	331	77	1.6	2,659	346	4.6	6.1	-1.5
51	Washington, D.C.-Md.-Va.	7,206	10	24.6	2,347	2,408	21.1	9.9	11.2
52	Wichita, Kans.	382	68	5.8	2,449	389	1.8	8.3	-6.5
53	Wilkes-Barre-Hazleton, Pa.	347	73	0.3	888	346	-0.3	1.7	-2.0
54	Wilmington, Del.-Md.-N.J.	415	67	11.7	1,166	468	12.9	8.1	4.8
55	Worcester, Mass. SEA	583	(X)	0.7	1,513	608	4.2	5.5	-1.3
56	Worcester, Mass. SMSA	329	78	0.9	474	(NA)	(NA)	(NA)	(NA)
57	York, Pa.	290	89	2.0	1,435	307	5.6	6.0	-0.4
58	Youngstown-Warren, Ohio	509	55	9.2	1,030	523	2.7	5.6	-2.9

See notes on pp. 938-940.

WITH 250,000 POPULATION OR MORE—Continued

BIRTHS, 1965 <sup>2</sup>			DEATHS, 1965 <sup>2</sup>			Mar- riages, 1964 <sup>2</sup>	VOTE CAST FOR PRESIDENT <sup>4</sup> (D-Dem., R-Rep.)				
Total	Rate <sup>3</sup>	Percent non- white	Total	Rate <sup>3</sup>	Percent non- white		1964		1960		
							Total	Percent majority party	Total	Percent majority party	
130,602	19.3	17.1	59,304	8.8	8.9	49,973	1,000	D-57.4	1,000	D-50.2	1
14,936	19.4	13.7	7,293	9.5	15.9	6,590	2,731	D-64.7	2,634	D-50.1	2
16,016	21.7	49.7	6,237	8.4	46.0	5,678	277	D-52.5	287	R-49.2	3
17,518	16.5	29.3	10,584	10.0	12.7	9,073	220	D-64.0	182	D-57.7	4
27,406	<sup>5</sup> 20.6	10.0	12,235	<sup>5</sup> 9.2	3.9	7,981	326	D-63.1	318	D-54.8	5
34,958	21.7	2.1	13,315	8.3	1.2	11,633	554	D-64.5	552	D-52.3	6
8,722	22.3	39.5	3,222	8.3	36.1	3,795	703	R-72.4	668	D-53.0	7
10,084	19.7	23.3	4,466	8.7	23.4	3,938	83	D-64.8	66	D-54.3	8
13,356	19.0	11.9	6,997	9.9	4.7	4,818	146	D-69.1	131	D-58.0	9
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	317	(NA)	326	(NA)	10
23,098	22.5	38.9	10,019	9.8	34.4	8,055	261	R-51.4	260	D-49.6	11
211,312	18.6	22.3	117,619	10.3	12.7	90,094	4,414	D-68.8	4,358	D-57.6	12
33,844	18.3	26.6	18,348	9.9	15.0	13,297	775	D-66.6	757	D-50.3	13
14,704	23.1	31.0	4,825	7.6	36.7	4,338	118	D-60.0	82	D-56.6	14
11,642	19.9	15.1	4,577	7.8	10.7	5,298	206	D-52.3	193	R-61.0	15
11,806	22.9	9.2	4,478	8.7	6.8	4,364	181	D-55.6	178	R-53.9	16
7,594	20.4	23.9	2,995	8.0	17.7	2,895	106	R-55.4	82	D-69.9	17
22,286	17.1	9.7	11,626	8.9	4.1	8,361	574	D-60.9	561	R-54.5	18
6,388	19.9	7.0	3,030	9.5	3.7	2,648	139	D-59.1	142	R-54.8	19
88,130	18.9	22.4	47,063	10.1	16.4	28,511	1,968	D-66.2	1,950	D-56.3	20
16,692	20.4	9.0	6,203	7.6	5.8	5,807	265	R-53.9	214	R-59.4	21
40,260	17.0	8.5	25,514	10.8	7.2	14,776	1,041	D-67.9	1,082	D-56.8	22
15,054	16.8	4.8	9,215	10.3	2.6	8,610	393	D-65.0	388	R-51.8	23
13,908	18.8	4.1	8,418	11.4	2.4	4,997	338	D-82.2	354	D-65.2	24
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	25
4,636	16.4	-	3,082	10.9	-	1,971	111	D-66.4	113	R-54.8	26
9,140	18.9	29.7	4,730	9.8	28.5	3,396	139	R-56.9	95	R-62.4	27
16,448	20.5	8.6	7,843	9.8	3.3	5,466	350	D-70.4	358	R-54.1	28
14,040	19.1	9.1	5,579	7.6	5.9	3,588	282	D-66.1	241	D-56.1	29
45,338	20.2	21.7	22,271	9.9	17.0	18,797	886	D-68.6	910	D-58.2	30
12,204	23.3	-	3,223	6.2	-	4,283	211	D-56.1	191	R-54.9	31
18,306	22.7	8.1	5,793	7.2	9.6	<sup>6</sup> 7,520	170	D-66.7	147	D-53.4	32
20,112	19.6	7.2	8,710	8.5	3.8	6,951	357	D-57.0	309	R-53.6	33
22,094	19.4	10.8	8,482	7.5	4.1	8,516	426	R-50.3	395	R-56.4	34
53,328	18.3	19.2	26,925	9.2	9.6	18,105	1,224	D-66.6	1,189	D-53.3	35
18,798	21.2	5.1	5,119	5.8	2.6	5,251	321	D-63.1	250	R-52.7	36
20,770	17.6	7.0	10,553	9.0	4.2	10,162	532	D-60.8	514	R-50.2	37
6,154	21.3	43.5	2,481	8.6	42.0	1,966	64	R-81.1	55	R-51.9	38
4,826	17.9	8.8	2,611	9.7	5.6	2,275	123	D-60.5	134	D-52.0	39
4,666	17.5	-	2,848	10.7	-	1,659	112	D-55.6	115	R-51.6	40
9,946	18.1	3.9	5,760	10.5	2.4	3,910	222	D-74.4	239	D-61.4	41
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	42
12,792	21.1	5.2	5,833	9.6	2.3	4,146	252	D-66.4	262	R-56.2	43
6,998	20.4	9.8	2,935	8.6	3.3	3,405	126	D-67.1	123	D-52.1	44
14,168	16.2	20.9	11,545	13.2	8.8	6,842	301	D-56.4	271	R-55.6	45
12,492	19.0	9.7	6,528	9.9	6.9	8,291	252	D-67.7	265	D-50.1	46
5,526	18.6	23.7	2,915	9.8	13.8	1,978	122	D-71.2	121	D-61.2	47
6,122	19.9	9.5	2,458	8.0	6.5	2,343	101	D-53.4	89	R-52.4	48
7,842	18.1	13.3	3,711	8.6	9.7	3,738	168	R-53.0	171	R-62.1	49
6,522	18.9	-	3,595	10.4	-	2,171	144	D-65.1	156	D-50.3	50
56,742	<sup>8</sup> 22.3	29.4	18,521	<sup>8</sup> 7.4	30.6	23,428	666	D-70.4	368	D-52.4	51
7,830	20.1	11.1	2,863	7.4	6.8	3,331	136	D-55.6	150	R-55.6	52
5,122	14.8	-	4,521	13.1	-	2,519	152	D-70.0	174	D-59.1	53
9,582	20.5	15.8	4,133	8.8	13.8	10,789	187	D-62.9	183	D-50.2	54
11,146	18.3	-	6,662	11.0	-	4,083	272	D-77.1	286	D-60.5	55
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	56
5,598	18.3	-	2,916	9.5	-	1,827	113	D-62.0	116	R-59.2	57
8,888	17.0	10.7	5,061	9.7	9.8	3,180	206	D-70.5	222	D-58.2	58



TABLE 1. METROPOLITAN AREAS—SMSA's

	SMSA	EMPLOYMENT AND PAYROLLS, 1965 <sup>1</sup> (social security coverage)			EMPLOYEES ON NONAGRICULTURAL PAYROLLS, 1965 <sup>2</sup>			
		Report- ing units	Employ- ees, mid- March pay period	Taxable payrolls, January- March	Total	Contract con- struction	Manu- facturing	Trans- portation and public utilities
				\$1,000	1,000	Percent	Percent	Percent
1	Los Angeles-Long Beach, Calif.....	131,046	2,098,517	3,158,549	2,476	4.7	30.6	6.0
2	Louisville, Ky.-Ind.....	12,965	227,925	288,024	271	5.1	34.9	7.7
3	Memphis, Tenn.-Ark.....	11,673	181,667	197,724	222	5.8	22.3	7.7
4	Miami, Fla.....	24,138	325,533	362,524	361	6.3	15.0	10.4
5	Milwaukee, Wis.....	23,675	436,504	598,373	549	4.3	40.2	5.7
6	Minneapolis-St. Paul, Minn.....	27,151	506,897	667,090	638	5.3	26.7	8.0
7	Mobile, Ala.....	5,690	76,770	81,487	106	6.1	20.4	9.0
8	Nashville, Tenn.....	9,239	152,747	167,774	189	6.2	29.4	6.0
9	New Haven, Conn. SEA.....	13,769	224,188	296,705	(NA)	(NA)	(NA)	(NA)
10	New Haven, Conn. SMSA.....	(NA)	(NA)	(NA)	140	6.0	32.1	9.3
11	New Orleans, La.....	16,025	275,288	321,018	342	8.0	17.1	12.8
12	New York, N.Y.....	268,802	3,828,271	5,396,102	4,457	3.7	24.4	8.2
13	Newark, N.J.....	37,497	606,186	847,728	720	4.5	34.2	7.4
14	Norfolk-Portsmouth, Va.....	8,562	111,828	110,946	169	7.8	11.0	8.9
15	Oklahoma City, Okla.....	12,319	148,968	167,686	210	6.6	13.0	6.4
16	Omaha, Nebr.-Iowa.....	9,228	141,045	168,538	176	6.1	20.3	11.4
17	Orlando, Fla.....	6,982	84,805	99,125	103	8.7	17.7	5.6
18	Paterson-Clifton-Passaic, N.J.....	25,411	364,715	498,594	419	5.4	40.9	5.5
19	Peoria, Ill.....	5,879	96,512	136,555	114	5.6	39.5	5.7
20	Philadelphia, Pa.-N.J.....	74,900	1,312,383	1,711,305	1,588	4.7	34.5	6.8
21	Phoenix, Ariz.....	14,825	187,786	235,012	234	5.6	21.1	5.8
22	Pittsburgh, Pa.....	36,945	674,929	961,756	796	4.7	35.9	6.9
23	Portland, Oreg.-Wash.....	18,286	242,912	323,864	314	4.9	23.1	9.0
24	Providence-Pawtucket-Warwick, R.I. SEA.....	15,737	230,768	253,012	(NA)	(NA)	(NA)	(NA)
25	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26	Reading, Pa.....	5,388	95,716	110,385	111	3.7	49.8	5.4
27	Richmond, Va.....	8,745	154,914	182,239	198	7.3	24.3	8.0
28	Rochester, N.Y.....	12,493	247,001	384,163	297	4.5	44.3	4.2
29	Sacramento, Calif.....	12,321	135,264	197,157	229	5.9	13.6	7.6
30	St. Louis, Mo.-Ill.....	39,510	673,268	903,044	813	5.4	33.9	7.9
31	Salt Lake City, Utah.....	9,463	127,685	156,627	(NA)	(NA)	(NA)	(NA)
32	San Antonio, Tex.....	11,770	144,667	135,804	202	6.0	13.0	4.7
33	San Bernardino-Riverside-Ontario, Calif.....	16,429	167,904	220,215	244	6.5	17.4	7.1
34	San Diego, Calif.....	17,322	198,840	277,867	268	5.3	18.5	5.6
35	San Francisco-Oakland, Calif.....	58,862	821,137	1,255,225	1,080	5.9	18.4	10.0
36	San Jose, Calif.....	13,849	221,165	352,067	270	6.1	32.5	4.5
37	Seattle-Everett, Wash.....	23,771	330,220	483,714	414	4.8	28.5	7.5
38	Shreveport, La.....	5,143	59,539	66,076	78	7.3	13.5	11.1
39	South Bend, Ind.....	4,800	76,328	102,211	88	4.0	39.0	5.1
40	Spokane, Wash.....	5,329	57,486	73,197	76	4.5	16.8	9.7
41	Springfield-Chicopee-Holyoke, Mass. SEA.....	9,816	155,061	184,698	(NA)	(NA)	(NA)	(NA)
42	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA.....	(NA)	(NA)	(NA)	181	3.7	39.0	4.6
43	Syracuse, N.Y.....	9,991	159,917	216,536	198	5.0	32.9	6.5
44	Tacoma, Wash.....	5,593	60,026	78,598	86	5.2	21.0	6.3
45	Tampa-St. Petersburg, Fla.....	16,696	193,027	200,428	233	8.0	17.6	7.1
46	Toledo, Ohio-Mich.....	10,714	166,788	228,110	206	4.2	37.4	7.5
47	Trenton, N.J.....	5,338	94,518	129,996	119	4.0	35.2	5.2
48	Tucson, Ariz.....	5,467	56,154	64,392	76	7.0	8.2	6.8
49	Tulsa, Okla.....	9,361	132,263	167,366	151	5.9	23.3	9.3
50	Utica-Rome, N.Y.....	5,430	75,489	91,346	104	2.8	36.8	5.2
51	Washington, D.C.-Md.-Va.....	36,231	569,468	708,126	930	7.6	4.3	5.4
52	Wichita, Kans.....	7,655	108,637	139,297	131	4.9	33.6	5.5
53	Wilkes-Barre-Hazleton, Pa.....	5,923	91,830	86,521	110	4.0	43.3	5.4
54	Wilmington, Del.-Md.-N.J.....	7,399	137,003	206,307	163	6.7	39.5	5.6
55	Worcester, Mass. SEA.....	11,044	184,717	220,757	(NA)	(NA)	(NA)	(NA)
56	Worcester, Mass. SMSA.....	(NA)	(NA)	(NA)	119	4.0	41.3	3.4
57	York, Pa.....	5,816	95,769	107,338	111	4.9	50.7	4.9
58	Youngstown-Warren, Ohio.....	7,701	146,858	208,463	173	4.5	47.0	5.4

WITH 250,000 POPULATION OR MORE—Continued

EMPLOYEES ON NONAGRICULTURAL PAYROLLS, 1965 <sup>2</sup> —Con.				HOURS AND EARNINGS, PRODUCTION WORKERS IN MANUFACTURING, 1965 <sup>2</sup>			Unemployment, 1965 <sup>3</sup>	UNEMPLOYMENT, 1966 <sup>3 4</sup>			
Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government	Average weekly hours	Average weekly earnings	Average hourly earnings		Total	As percent of total labor force	Insured	
										Weekly average	As percent of covered employment
Percent	Percent	Percent	Percent		Dollars	Dollars	1,000	1,000		1,000	
22.3	5.9	16.9	13.3	40.8	122	2.99	168.3	140.1	4.6	70.1	3.1
21.5	5.2	14.4	11.1	41.7	121	2.90	11.0	10.0	3.1	2.7	1.2
26.1	5.4	14.9	17.7	41.5	97	2.34	10.6	8.8	3.0	2.4	1.2
27.3	6.9	21.5	12.6	40.9	85	2.09	18.1	16.6	3.6	5.1	2.3
<sup>5</sup> 20.4	<sup>5</sup> 4.8	<sup>5</sup> 13.6	<sup>5</sup> 11.0	<sup>5</sup> 41.4	<sup>5</sup> 126	<sup>5</sup> 3.04	<sup>5</sup> 15.4	<sup>5</sup> 13.7	<sup>5</sup> 2.4	<sup>5</sup> 4.2	<sup>5</sup> 0.9
24.4	6.0	16.3	13.3	41.3	119	2.87	21.4	17.3	2.3	4.7	0.9
21.9	4.2	13.9	24.4	41.6	109	2.61	6.0	5.8	4.5	1.4	1.9
21.0	6.3	16.1	15.1	41.4	93	2.24	6.6	5.9	2.4	1.9	0.9
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<sup>6</sup> 19.4	<sup>6</sup> 5.1	<sup>6</sup> 18.2	<sup>6</sup> 10.0	<sup>6</sup> 41.1	<sup>6</sup> 109	<sup>6</sup> 2.65	<sup>6</sup> 5.6	<sup>6</sup> 5.2	<sup>6</sup> 3.2	<sup>6</sup> 2.1	<sup>6</sup> 1.8
23.7	5.7	16.2	13.0	40.7	109	2.69	16.0	13.6	3.3	3.3	1.2
21.5	9.7	18.8	13.7	38.0	100	2.62	247.7	236.2	4.4	134.8	3.5
19.6	6.8	15.6	11.8	41.2	113	2.74	39.3	35.7	4.2	15.8	2.6
24.0	4.4	13.8	30.1	42.9	95	2.22	6.4	5.8	2.8	1.1	0.9
23.8	6.3	14.0	26.8	42.6	97	2.28	9.0	8.3	3.2	2.1	1.6
24.1	8.3	16.3	13.6	42.5	112	2.63	7.2	6.6	3.1	1.7	1.3
30.2	6.7	16.5	14.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
22.0	3.3	13.2	9.7	41.4	114	2.75	26.3	22.9	4.4	11.6	3.0
21.3	3.8	13.1	11.0	41.8	132	3.15	4.3	3.6	2.6	6.2	1.1
20.2	5.5	15.4	12.8	40.7	112	2.75	82.1	65.6	3.4	23.4	1.7
25.3	6.8	16.7	18.7	41.4	115	2.78	14.2	10.6	3.3	3.9	1.9
19.6	4.2	16.5	11.1	40.9	128	3.13	33.3	27.4	2.9	11.9	1.7
24.9	6.0	15.7	16.4	39.4	117	2.96	15.5	13.5	3.3	4.9	1.6
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
15.1	3.8	12.9	9.2	40.5	96	2.36	2.9	2.2	1.7	1.2	1.2
22.9	7.8	13.2	16.5	40.6	95	2.34	4.3	4.1	1.7	0.4	0.2
17.6	3.3	13.7	12.4	42.0	121	2.88	10.2	8.5	2.3	3.7	1.5
20.8	4.2	11.8	36.0	40.3	133	3.29	16.4	15.1	5.2	8.1	5.1
20.5	5.1	15.2	11.7	40.7	119	2.92	33.0	32.7	3.3	12.3	1.8
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
25.9	6.5	14.3	28.8	41.1	78	1.90	14.6	11.4	4.4	1.6	1.0
21.8	3.8	16.6	26.0	40.6	121	2.99	22.2	21.0	6.2	10.7	5.2
22.4	5.1	17.6	25.4	40.7	132	3.24	25.0	18.7	5.2	10.1	4.4
21.8	7.5	15.8	20.5	40.0	132	3.30	64.9	58.5	4.4	30.6	3.3
18.3	3.9	18.6	16.0	41.0	128	3.11	20.2	17.3	4.9	9.0	3.3
22.3	6.2	13.9	16.8	39.6	125	3.15	23.4	15.6	2.8	6.7	1.7
26.4	5.0	14.2	15.7	43.5	103	2.37	4.5	3.7	3.3	0.9	1.5
20.8	5.3	16.3	9.5	(NA)	(NA)	(NA)	4.3	2.9	2.8	0.7	1.0
27.1	5.7	18.1	13.1	39.7	122	3.08	4.7	4.1	4.1	2.2	3.4
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<sup>7</sup> 19.5	<sup>7</sup> 4.7	<sup>7</sup> 15.2	<sup>7</sup> 13.3	<sup>7</sup> 40.9	<sup>7</sup> 103	<sup>7</sup> 2.52	<sup>7</sup> 11.3	<sup>7</sup> 9.4	<sup>7</sup> 4.4	<sup>7</sup> 4.2	<sup>7</sup> 2.7
21.3	4.8	14.8	14.6	41.3	115	2.79	8.9	7.2	2.9	2.7	1.6
22.1	5.1	15.0	25.2	39.1	119	3.04	5.5	4.4	3.8	2.0	2.8
29.2	6.0	16.6	15.5	43.1	96	2.22	8.3	7.6	2.5	2.8	1.5
21.1	3.3	14.3	12.1	42.3	133	3.15	9.0	8.6	3.4	2.5	1.4
16.2	3.7	17.3	18.3	40.6	111	2.73	5.6	5.4	3.8	2.0	2.4
22.9	4.9	18.0	27.5	39.5	117	2.97	(NA)	(NA)	(NA)	(NA)	(NA)
23.1	4.8	15.2	9.5	42.1	111	2.64	7.3	6.5	3.4	1.6	1.4
16.4	3.9	11.6	23.4	40.5	101	2.49	7.0	5.9	4.4	2.8	2.9
<sup>8</sup> 19.3	<sup>8</sup> 6.0	<sup>8</sup> 19.8	<sup>8</sup> 37.4	<sup>8</sup> 40.2	<sup>8</sup> 114	<sup>8</sup> 2.82	<sup>8</sup> 24.6	<sup>8</sup> 26.8	<sup>8</sup> 2.4	<sup>8</sup> 5.5	<sup>8</sup> 0.8
22.5	4.6	14.5	12.5	41.5	117	2.83	6.4	4.5	2.7	1.0	0.8
17.2	3.2	11.3	11.9	36.2	73	2.01	8.4	6.4	4.8	4.9	4.8
18.2	3.9	13.1	12.9	41.4	126	3.05	5.8	5.9	3.0	2.5	1.9
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
18.8	5.0	15.4	12.1	41.4	109	2.63	6.3	5.6	3.9	2.7	2.6
17.0	2.3	11.3	9.1	42.0	91	2.16	3.6	3.1	2.2	1.2	1.1
18.0	2.5	12.9	9.4	40.9	135	3.29	7.9	7.9	3.8	2.6	1.7

TABLE 1. METROPOLITAN AREAS—SMSA's

SMSA		HOUSING UNITS, 1960 <sup>1</sup>		NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS <sup>2</sup>							
		Total	In- crease, 1950- 1960	1965				1966			
				Total	In structures with—		Valu- ation, total	Total	In structures with—		Valu- ation, total
					1 unit	5 units or more			1 unit	5 units or more	
		1,000	Per- cent		Per- cent	Per- cent	Mil. dol.		Per- cent	Per- cent	Mil. dol.
1	Los Angeles-Long Beach, Calif.	2,143	48.6	51,705	35.1	55.9	796	20,973	49.8	42.8	376
2	Louisville, Ky.-Ind.	224	31.1	8,820	60.7	37.9	80	4,384	67.5	29.9	46
3	Memphis, Tenn.-Ark.	199	30.8	7,557	48.1	46.6	54	6,444	50.5	45.6	50
4	Miami, Fla.	349	93.2	16,625	22.4	70.3	168	13,757	21.9	71.4	136
5	Milwaukee, Wis.	401	34.1	9,626	44.7	44.3	<sup>a</sup> 114	<sup>a</sup> 6,370	<sup>a</sup> 47.6	<sup>a</sup> 43.3	<sup>a</sup> 85
6	Minneapolis-St. Paul, Minn.	463	32.8	14,577	47.6	44.5	196	9,958	55.0	41.1	149
7	Mobile, Ala.	108	35.2	1,035	85.2	11.4	9	863	83.3	8.3	8
8	Nashville, Tenn.	142	29.5	4,652	51.8	34.1	37	4,273	45.4	44.3	33
9	New Haven, Conn. SEA	213	29.7	5,951	50.1	46.6	(NA)	(NA)	(NA)	(NA)	(NA)
10	New Haven, Conn. SMSA	104	(NA)	2,931	44.5	49.3	34	2,475	41.4	55.8	27
11	New Orleans, La.	285	31.9	11,027	53.7	23.8	140	8,816	54.9	23.0	121
12	New York, N.Y.	3,643	23.0	49,934	45.5	41.3	655	43,028	41.8	44.8	570
13	Newark, N.J.	536	25.0	11,744	46.9	47.2	150	8,598	46.3	46.9	111
14	Norfolk-Portsmouth, Va.	167	39.5	5,972	60.3	30.8	74	3,654	68.1	24.9	43
15	Oklahoma City, Okla.	173	35.8	6,867	74.2	23.8	88	4,007	80.9	17.3	53
16	Omaha, Nebr.-Iowa.	144	33.3	4,838	53.7	44.2	42	2,870	57.0	40.8	28
17	Orlando, Fla.	107	118.8	4,265	61.2	33.3	44	3,505	60.5	33.4	38
18	Paterson-Clifton-Passaic, N.J.	371	37.4	8,088	43.2	44.9	108	7,080	38.8	52.0	92
19	Peoria, Ill.	100	20.7	1,276	85.7	7.7	21	1,464	67.9	24.1	26
20	Philadelphia, Pa.-N.J.	1,334	26.7	29,473	48.4	47.4	297	26,874	42.0	53.8	272
21	Phoenix, Ariz.	212	96.1	5,925	66.6	26.7	59	6,146	68.8	25.0	65
22	Pittsburgh, Pa.	741	17.9	9,209	62.5	33.2	126	7,988	61.7	35.6	113
23	Portland, Oreg.-Wash.	291	19.3	7,901	60.0	28.2	97	7,414	55.8	32.1	95
24	Providence-Pawtucket- Warwick, R.I. SEA.	238	14.8	4,205	66.6	27.6	(NA)	(NA)	(NA)	(NA)	(NA)
25	Providence-Pawtucket- Warwick, R.I.-Mass. SMSA.	271	(NA)	5,668	74.2	21.1	63	4,215	78.5	18.6	50
26	Reading, Pa.	92	21.2	1,412	47.7	50.4	15	1,062	55.4	42.6	13
27	Richmond, Va.	131	31.1	7,502	46.7	42.1	65	4,224	56.3	32.1	39
28	Rochester, N.Y.	235	23.7	7,238	62.3	30.3	109	5,694	63.0	30.9	91
29	Sacramento, Calif.	207	79.3	7,600	64.6	21.9	101	4,922	72.9	16.1	74
30	St. Louis, Mo.-Ill.	677	27.0	18,466	55.8	35.2	231	12,842	60.2	31.3	185
31	Salt Lake City, Utah.	131	45.5	3,484	74.0	20.2	46	2,063	78.7	11.7	27
32	San Antonio, Tex.	207	41.7	4,321	69.4	28.7	39	4,039	66.9	31.1	39
33	San Bernardino-Riverside- Ontario, Calif.	309	84.2	11,821	65.0	23.9	136	5,778	80.7	10.4	79
34	San Diego, Calif.	339	87.1	9,329	52.7	36.2	132	7,436	57.7	33.7	110
35	San Francisco-Oakland, Calif.	937	32.2	30,364	46.9	40.1	475	14,657	61.6	28.5	265
36	San Jose, Calif.	200	118.1	10,413	65.5	22.9	164	6,709	77.3	13.5	120
37	Seattle-Everett, Wash.	393	34.3	9,320	71.5	25.5	143	15,569	57.1	39.6	223
38	Shreveport, La.	90	41.1	722	99.7	-	11	524	100.0	-	8
39	South Bend, Ind.	84	19.6	1,025	81.5	16.9	16	940	71.3	26.6	14
40	Spokane, Wash.	97	34.4	1,056	74.1	17.0	18	1,057	63.4	25.0	18
41	Springfield-Chicopee- Holyoke, Mass. SEA.	169	28.9	3,275	53.3	40.5	(NA)	(NA)	(NA)	(NA)	(NA)
42	Springfield-Chicopee- Holyoke, Mass.-Conn. SMSA.	156	(NA)	3,052	54.0	39.8	32	2,838	48.7	47.5	31
43	Syracuse, N.Y.	178	25.7	3,498	50.3	47.5	39	3,880	46.1	52.7	44
44	Tacoma, Wash.	105	23.5	3,004	69.9	22.7	37	2,722	71.9	21.2	36
45	Tampa-St. Petersburg, Fla.	301	97.4	8,347	76.1	18.2	94	7,663	66.5	29.5	82
46	Toledo, Ohio-Mich.	200	24.6	3,304	61.1	27.0	43	2,879	57.1	36.7	37
47	Trenton, N.J.	79	30.8	2,800	38.8	61.1	31	2,167	40.7	59.3	25
48	Tucson, Ariz.	85	80.2	1,954	63.1	30.1	23	1,235	64.1	24.9	17
49	Tulsa, Okla.	146	35.6	2,770	30.1	56.1	24	2,794	41.4	38.9	28
50	Utica-Rome, N.Y.	107	24.3	699	65.2	32.5	8	477	93.5	-	7
51	Washington, D.C.-Md.-Va.	639	48.0	58,242	29.5	70.0	<sup>a</sup> 575	<sup>a</sup> 38,351	<sup>a</sup> 28.7	<sup>a</sup> 71.0	<sup>a</sup> 407
52	Wichita, Kans.	127	50.8	1,706	50.3	45.3	24	1,360	55.8	42.9	21
53	Wilkes-Barre-Hazleton, Pa.	114	2.3	370	87.0	8.6	5	319	83.1	10.7	4
54	Wilmington, Del.-Md.-N.J.	129	44.7	5,236	56.1	43.5	57	3,916	58.2	41.2	44
55	Worcester, Mass. SEA	186	16.9	1,850	82.0	13.6	(NA)	(NA)	(NA)	(NA)	(NA)
56	Worcester, Mass. SMSA	102	(NA)	1,060	84.0	11.1	12	1,015	82.8	11.7	13
57	York, Pa.	94	26.7	749	74.0	23.4	10	596	85.7	10.1	9
58	Youngstown-Warren, Ohio.	153	30.0	2,701	55.5	41.5	33	3,031	54.5	42.4	41

See notes on pp. 938-940.



WITH 250,000 POPULATION OR MORE—Continued

EXISTING FHA-INSURED 1-FAMILY HOMES, 1965 <sup>3</sup>				BANKING					SAVINGS AND LOAN ASSOCIATIONS, 1964 <sup>7</sup>	
Num-ber	Median property value	Average monthly payment		Num-ber of banks, 1966 <sup>4</sup>	Deposits, 1966 <sup>4 5</sup>			Debits to demand deposits, April 1967 <sup>6</sup>	Num-ber	Savings capital
		In prin-cipal and interest	Heating and utilities		Total	Demand	Time			
	Dollars	Dollars	Dollars		Mil. dol.	Percent	Percent	Mil. dol.		Mil. dol.
13,513	17,563	92	18	71	13,179	40.6	45.5	250,803	96	11,757
2,020	13,038	71	19	17	1,204	43.3	29.8	20,526	11	495
1,438	13,916	75	23	13	1,303	35.3	36.9	21,703	5	249
3,275	14,176	75	21	63	1,779	43.4	32.8	26,061	17	1,457
<sup>8</sup> 1,643	<sup>8</sup> 15,007	<sup>8</sup> 81	<sup>8</sup> 22	74	2,571	37.2	39.7	<sup>8</sup> 47,712	66	1,333
5,557	16,136	86	27	113	3,767	30.7	47.9	91,271	14	1,499
876	13,844	75	21	11	437	39.8	39.8	5,870	6	108
1,998	13,227	72	17	16	1,075	33.8	35.5	21,457	9	236
(NA)	(NA)	(NA)	(NA)	33	1,744	22.1	68.8	(NA)	9	323
533	(NA)	(NA)	(NA)	18	960	23.7	66.1	7,830	(NA)	(NA)
1,283	17,142	92	17	23	1,819	41.7	27.9	28,977	35	619
10,845	18,386	97	31	169	84,613	24.3	49.3	2,864,040	101	4,854
1,870	18,250	96	29	53	4,829	31.1	57.1	59,156	79	1,615
1,493	13,555	74	26	10	570	42.8	35.4	8,683	8	261
3,519	12,333	68	23	50	1,172	34.1	32.8	17,873	11	340
1,589	13,838	75	19	34	866	43.0	32.7	16,990	7	255
1,485	14,370	77	25	23	479	43.4	36.5	6,609	9	315
2,188	20,727	106	28	32	2,281	33.5	56.5	21,992	50	994
370	(NA)	(NA)	(NA)	42	495	37.3	43.4	5,865	19	331
7,661	14,094	77	26	94	10,937	31.0	51.0	178,237	261	2,143
6,050	13,141	71	18	11	1,403	33.8	45.6	17,985	6	400
2,552	15,181	81	21	49	6,208	33.4	41.0	108,342	134	1,389
2,711	14,000	78	23	22	1,744	35.5	45.7	25,861	11	554
(NA)	(NA)	(NA)	(NA)	30	1,910	20.3	67.6	(NA)	6	296
1,851	13,453	75	26	24	2,040	20.4	67.8	18,433	(NA)	(NA)
399	(NA)	(NA)	(NA)	16	562	30.1	56.0	4,508	5	59
2,020	13,542	74	26	12	1,040	34.4	36.5	19,576	5	208
1,803	14,060	79	28	22	2,076	22.4	60.9	20,067	8	355
3,414	16,076	86	18	17	1,296	25.2	51.6	(NA)	12	325
3,360	14,535	78	23	138	4,638	37.3	39.8	90,907	75	1,494
1,643	15,805	84	18	23	841	33.1	46.1	13,948	8	379
1,520	11,731	67	16	36	1,066	41.7	34.5	11,938	7	280
5,776	15,144	80	18	17	1,081	34.8	48.3	10,613	18	635
3,290	16,293	86	17	13	1,422	33.4	50.6	20,732	16	1,033
8,810	17,892	95	17	44	11,084	25.6	53.6	185,868	42	1,974
5,502	18,307	97	19	16	1,404	33.3	50.1	17,118	7	1,339
6,456	17,291	93	27	31	2,630	31.3	52.9	43,872	24	450
1,033	15,031	79	22	12	455	40.5	40.9	6,097	3	71
741	10,833	64	23	15	447	34.0	46.7	5,183	8	126
1,056	15,265	81	28	11	388	39.9	47.4	5,190	4	332
(NA)	(NA)	(NA)	(NA)	36	1,377	18.9	73.8	(NA)	12	92
846	13,081	71	25	32	1,276	19.3	73.9	8,242	(NA)	(NA)
1,030	13,731	74	23	17	1,431	20.0	68.6	13,283	7	115
904	15,848	85	28	13	450	33.3	52.1	7,530	6	454
2,696	13,209	71	28	58	1,379	36.3	45.0	15,811	16	839
1,152	14,605	78	21	25	935	36.4	46.8	13,105	10	456
291	(NA)	(NA)	(NA)	13	775	23.9	44.1	10,581	12	116
1,665	13,543	72	17	6	383	35.4	51.7	4,195	4	172
1,701	13,143	72	21	40	961	42.3	34.8	19,212	7	230
380	(NA)	(NA)	(NA)	15	672	18.6	70.4	4,223	6	73
<sup>9</sup> 5,026	<sup>9</sup> 18,703	<sup>9</sup> 99	<sup>9</sup> 29	79	4,023	48.6	38.1	<sup>9</sup> 60,175	52	2,071
1,054	12,400	67	19	36	636	40.0	31.6	8,795	10	183
114	(NA)	(NA)	(NA)	26	543	23.5	66.8	3,745	8	109
1,971	13,094	71	31	25	1,044	41.8	39.1	38,279	13	79
(NA)	(NA)	(NA)	(NA)	40	1,397	18.8	71.5	(NA)	17	340
606	13,577	74	24	20	937	18.5	69.0	6,475	(NA)	(NA)
276	(NA)	(NA)	(NA)	28	568	29.8	61.7	5,580	3	52
968	13,560	73	21	14	590	37.4	47.2	7,057	8	331

TABLE 1. METROPOLITAN AREAS—SMSA's

	SMSA	PERSONAL INCOME, 1962 <sup>1</sup>				INDIVIDUAL INCOME TAX RETURNS, 1965 <sup>2</sup>				
		Total	Total, per capita	Wage and salary disbursements	Proprietors' income	Number of returns				
						Total	With adjusted gross income—			
							Under \$3,000	\$3,000 to \$5,000	\$5,000 to \$10,000	\$20,000 or more
		Mil. dol. (NA)	Dollars (NA)	Mil. dol. (NA)	Mil. dol. (NA)	1,000 2,519	Per-cent 24.9	Per-cent 15.9	Per-cent 35.3	Per-cent 3.6
1	Los Angeles-Long Beach, Calif.	(NA)	(NA)	(NA)	(NA)	263	25.0	16.6	42.2	2.2
2	Louisville, Ky.-Ind.	(NA)	(NA)	(NA)	(NA)	223	34.7	18.8	31.3	2.6
3	Memphis, Tenn.-Ark.	(NA)	(NA)	(NA)	(NA)	377	36.7	19.4	29.4	3.3
4	Miami, Fla.	(NA)	(NA)	(NA)	(NA)	480	23.9	12.4	42.2	2.5
5	Milwaukee, Wis.	(NA)	(NA)	(NA)	(NA)	599	26.4	13.3	40.4	2.6
6	Minneapolis-St. Paul, Minn.	641	1,699	477	62	100	29.7	25.1	30.1	2.1
7	Mohile, Ala.	1,093	2,288	738	125	172	32.3	20.5	33.3	2.6
8	Nashville, Tenn.	1,962	2,852	1,305	151	(NA)	(NA)	(NA)	(NA)	(NA)
9	New Haven, Conn. SEA	(NA)	(NA)	(NA)	(NA)	132	24.2	12.5	44.9	2.7
10	New Haven, Conn. SMSA.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
11	New Orleans, La.	(NA)	(NA)	(NA)	(NA)	332	28.1	21.6	35.2	2.4
12	New York, N.Y.	37,374	3,299	25,565	3,345	4,546	25.7	19.2	34.7	4.1
13	Newark, N.J.	5,511	3,449	3,836	454	681	25.5	16.9	33.6	4.6
14	Norfolk-Portsmouth, Va.	1,314	2,099	998	90	186	30.0	21.4	35.3	1.8
15	Oklahoma City, Okla.	(NA)	(NA)	(NA)	(NA)	206	35.1	17.5	31.9	2.2
16	Omaha, Nebr.-Iowa	(NA)	(NA)	(NA)	(NA)	186	30.5	19.8	33.7	2.1
17	Orlando, Fla.	(NA)	(NA)	(NA)	(NA)	110	30.8	23.7	31.8	1.6
18	Paterson-Clifton-Passaic, N.J.	3,344	2,926	2,235	346	468	24.3	13.9	36.4	4.2
19	Peoria, Ill.	(NA)	(NA)	(NA)	(NA)	121	25.0	16.0	41.4	2.0
20	Philadelphia, Pa.-N.J.	12,050	2,693	8,377	1,088	1,598	25.2	18.6	38.2	2.7
21	Phoenix, Ariz.	(NA)	(NA)	(NA)	(NA)	276	29.9	19.7	32.7	2.1
22	Pittsburgh, Pa.	5,971	2,526	4,134	453	732	24.9	16.0	41.5	2.5
23	Portland, Oreg.-Wash.	2,249	2,674	1,503	233	327	26.2	16.1	38.2	2.6
24	Providence-Pawtucket-Warwick, R.I. SEA.	1,759	2,420	1,221	133	(NA)	(NA)	(NA)	(NA)	(NA)
25	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA.	(NA)	(NA)	(NA)	(NA)	310	28.9	20.7	36.9	2.0
26	Reading, Pa.	663	2,323	466	62	104	24.2	20.9	41.7	1.4
27	Richmond, Va.	1,250	2,649	859	95	161	26.1	18.3	34.6	2.8
28	Rochester, N.Y.	2,159	2,828	1,493	165	313	28.3	15.2	34.8	2.7
29	Sacramento, Calif.	(NA)	(NA)	(NA)	(NA)	227	26.1	9.9	35.3	2.9
30	St. Louis, Mo.-Ill.	(NA)	(NA)	(NA)	(NA)	812	26.4	15.0	39.3	2.4
31	Salt Lake City, Utah	(NA)	(NA)	(NA)	(NA)	169	33.7	11.2	38.6	2.1
32	San Antonio, Tex.	(NA)	(NA)	(NA)	(NA)	246	39.5	19.6	29.3	1.8
33	San Bernardino-Riverside-Ontario, Calif.	(NA)	(NA)	(NA)	(NA)	305	25.4	15.3	38.1	2.3
34	San Diego, Calif.	(NA)	(NA)	(NA)	(NA)	370	28.1	19.0	34.0	2.0
35	San Francisco-Oakland, Calif.	(NA)	(NA)	(NA)	(NA)	1,173	25.8	14.0	33.9	3.7
36	San Jose, Calif.	(NA)	(NA)	(NA)	(NA)	331	23.2	12.8	37.3	3.0
37	Seattle-Everett, Wash.	3,540	3,091	2,485	316	429	25.0	12.7	38.5	2.8
38	Shreveport, La.	(NA)	(NA)	(NA)	(NA)	6	38.3	16.7	30.3	2.0
39	South Bend, Ind.	(NA)	(NA)	(NA)	(NA)	90	24.0	18.9	38.2	2.4
40	Spokane, Wash.	660	2,332	422	74	100	35.3	9.9	40.9	1.8
41	Springfield-Chicopee-Holyoke, Mass. SEA.	1,305	2,444	933	92	(NA)	(NA)	(NA)	(NA)	(NA)
42	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA.	(NA)	(NA)	(NA)	(NA)	171	27.0	15.8	40.2	2.1
43	Syracuse, N.Y.	1,432	2,401	1,021	118	193	26.9	16.9	37.3	2.0
44	Tacoma, Wash.	794	2,397	568	68	121	28.8	15.7	40.2	1.5
45	Tampa-St. Petersburg, Fla.	(NA)	(NA)	(NA)	(NA)	302	38.2	20.1	30.0	1.8
46	Toledo, Ohio-Mich.	(NA)	(NA)	(NA)	(NA)	229	28.0	14.3	40.2	2.5
47	Trenton, N.J.	805	2,926	590	60	116	21.7	19.7	40.2	2.6
48	Tucson, Ariz.	(NA)	(NA)	(NA)	(NA)	85	38.0	13.1	31.5	3.4
49	Tulsa, Okla.	(NA)	(NA)	(NA)	(NA)	146	25.9	19.0	37.1	3.1
50	Utica-Rome, N.Y.	760	2,244	535	60	94	25.3	18.4	41.8	2.3
51	Washington, D.C.-Md.-Va.	22 6,492	22 3,043	22 4,853	22 424	22 832	22 27.0	22 14.4	22 31.0	22 5.1
52	Wichita, Kans.	(NA)	(NA)	(NA)	(NA)	127	27.8	17.1	39.0	1.9
53	Wilkes-Barre-Hazleton, Pa.	627	1,823	411	58	106	32.3	21.9	39.7	1.5
54	Wilmington, Del.-Md.-N.J.	1,361	3,143	918	86	147	24.8	15.1	37.6	4.5
55	Worcester, Mass. SEA	1,427	2,403	1,001	99	(NA)	(NA)	(NA)	(NA)	(NA)
56	Worcester, Mass. SMSA	(NA)	(NA)	(NA)	(NA)	122	29.8	20.4	36.2	1.8
57	York, Pa.	674	2,273	443	65	100	29.8	16.4	39.5	2.0
58	Youngstown-Warren, Ohio.	1,777	2,262	850	93	174	18.7	13.8	51.0	1.5

See notes on pp. 938-940.

## WITH POPULATION BELOW 250,000—Continued

IND. INCOME TAX RETURNS, 1965 <sup>2</sup> —Con.		INCOME IN 1959 FOR FAMILIES, 1960 <sup>3</sup>										
Adjusted gross income		Median income, all families	Number of families									
Total	Salaries and wages		All families			White families			Nonwhite families			
			Total	With income under \$3,000	With income \$10,000 and over	Total	Residing in poverty areas	Below poverty level	Total	Residing in poverty areas	Below poverty level	
<i>Mil. dol.</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000</i>	<i>Per- cent</i>	<i>Per- cent</i>	<i>1,000</i>	<i>Percent</i>	<i>Per- cent</i>	<i>1,000</i>	<i>Percent</i>	<i>Per- cent</i>	
18,840	82.1	7,046	1,566	12.6	24.6	<sup>4</sup> 1,607	<sup>4</sup> 7.3	<sup>4</sup> 8.9	<sup>4</sup> 137	<sup>4</sup> 55.1	<sup>4</sup> 22.9	1
1,738	82.2	5,758	184	17.4	14.2	165	20.4	12.8	19	71.7	44.1	2
1,323	81.5	4,779	161	29.3	10.7	<sup>5</sup> 103	<sup>5</sup> 28.7	<sup>5</sup> 11.5	<sup>5</sup> 48	<sup>5</sup> 94.6	<sup>5</sup> 58.5	3
2,229	75.8	5,348	249	22.8	14.0	220	15.8	15.4	30	75.1	43.8	4
<sup>6</sup> 3,474	<sup>6</sup> 84.1	6,792	325	9.7	20.6	<sup>7</sup> 290	<sup>7</sup> 6.9	<sup>7</sup> 6.6	<sup>7</sup> 14	<sup>7</sup> 83.3	<sup>7</sup> 30.4	5
4,225	83.8	6,840	364	10.1	19.8	358	9.0	7.4	6	57.3	26.6	6
574	85.7	4,955	86	27.3	11.0	<sup>8</sup> 54	<sup>8</sup> 43.4	<sup>8</sup> 14.9	<sup>8</sup> 20	<sup>8</sup> 94.8	<sup>8</sup> 57.2	7
1,023	82.5	5,059	116	26.4	12.0	<sup>9</sup> 83	<sup>9</sup> 26.7	<sup>9</sup> 14.9	<sup>9</sup> 16	<sup>9</sup> 93.4	<sup>9</sup> 51.8	8
(NA)	(NA)	6,718	172	10.1	19.4	164	(NA)	(NA)	8	(NA)	(NA)	9
964	79.9	6,647	83	11.4	20.3	<sup>10</sup> 76	<sup>10</sup> 13.1	<sup>10</sup> 7.8	<sup>10</sup> 5	<sup>10</sup> 26.8	<sup>10</sup> 33.9	10
2,079	79.5	5,143	220	25.0	13.2	161	(NA)	(NA)	60	(NA)	(NA)	11
34,278	77.2	6,548	2,808	13.2	22.2	2,516	16.6	9.4	291	71.1	25.6	12
5,278	79.9	7,149	444	10.4	26.5	392	7.7	6.8	52	57.5	25.2	13
1,096	86.5	5,071	133	26.9	11.5	101	28.5	18.6	32	85.2	49.1	14
1,203	82.9	5,601	133	18.6	14.2	123	18.1	13.7	10	83.3	44.1	15
1,152	82.1	6,221	115	13.6	16.6	109	6.3	9.8	6	75.6	33.2	16
619	81.8	5,093	83	23.9	13.1	72	20.4	15.3	11	84.4	56.5	17
3,631	82.1	7,431	320	8.4	27.1	310	5.5	5.9	10	49.0	23.5	18
827	81.8	6,230	82	13.7	15.9	<sup>11</sup> 73	<sup>11</sup> 10.3	<sup>11</sup> 10.0	<sup>11</sup> 2	<sup>11</sup> 90.2	<sup>11</sup> 43.2	19
10,866	81.9	6,433	1,087	13.0	19.1	939	8.1	8.2	149	71.5	30.7	20
1,686	80.0	5,896	163	19.1	16.1	156	32.0	15.8	7	91.2	48.7	21
5,065	81.2	5,954	622	14.7	15.8	585	19.4	11.0	37	70.3	36.8	22
2,250	80.1	6,340	215	14.3	16.6	210	4.6	10.6	5	55.7	27.5	23
(NA)	(NA)	5,632	188	16.1	11.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	24
1,875	84.0	5,667	213	15.6	11.9	<sup>12</sup> 208	<sup>12</sup> 18.8	<sup>12</sup> 12.6	<sup>12</sup> 3	<sup>12</sup> 72.2	<sup>12</sup> 42.1	25
654	84.0	5,799	74	13.9	12.1	73	13.2	10.0	1	84.7	40.5	26
1,159	80.0	5,999	110	17.3	16.4	<sup>13</sup> 80	<sup>13</sup> 9.9	<sup>13</sup> 7.5	<sup>13</sup> 23	<sup>13</sup> 82.2	<sup>13</sup> 42.6	27
2,175	83.8	6,847	185	12.0	21.3	<sup>14</sup> 144	<sup>14</sup> 8.2	<sup>14</sup> 7.0	<sup>14</sup> 5	<sup>14</sup> 81.7	<sup>14</sup> 32.2	28
1,707	84.0	6,907	157	11.3	21.9	<sup>15</sup> 119	<sup>15</sup> 6.7	<sup>15</sup> 7.9	<sup>15</sup> 8	<sup>15</sup> 29.4	<sup>15</sup> 18.6	29
5,634	82.5	6,243	543	15.3	16.7	<sup>16</sup> 465	<sup>16</sup> 12.4	<sup>16</sup> 8.9	<sup>16</sup> 66	<sup>16</sup> 86.9	<sup>16</sup> 42.1	30
1,064	82.7	6,306	106	11.3	16.3	<sup>17</sup> 91	<sup>17</sup> 5.9	<sup>17</sup> 10.6	<sup>17</sup> 1	<sup>17</sup> 36.0	<sup>17</sup> 24.4	31
1,348	83.0	4,717	164	27.8	10.8	<sup>18</sup> 146	<sup>18</sup> 47.2	<sup>18</sup> 26.6	<sup>18</sup> 11	<sup>18</sup> 82.8	<sup>18</sup> 43.5	32
2,050	83.6	5,890	205	18.5	15.1	198	19.1	14.2	8	53.0	32.9	33
2,382	82.6	6,545	254	15.1	20.1	243	5.1	11.7	11	49.4	31.5	34
8,945	78.3	7,147	674	11.7	24.3	<sup>19</sup> 631	<sup>19</sup> 7.4	<sup>19</sup> 3.1	<sup>19</sup> 76	<sup>19</sup> 51.9	<sup>19</sup> 24.1	35
2,531	84.2	7,417	159	10.2	26.2	154	11.3	8.5	4	22.4	13.0	36
3,153	82.6	6,896	282	11.2	21.9	271	2.4	8.0	11	45.2	19.9	37
394	80.4	4,869	70	30.4	12.4	49	26.7	13.1	20	89.7	66.9	38
612	81.3	6,432	69	12.8	16.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	39
599	79.5	6,094	70	15.7	15.3	69	6.1	11.9	1	56.8	28.4	40
(NA)	(NA)	6,199	133	12.3	14.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	41
1,118	83.9	6,238	125	12.1	14.9	<sup>20</sup> 118	<sup>20</sup> 11.8	<sup>20</sup> 9.1	<sup>20</sup> 3	<sup>20</sup> 58.9	<sup>20</sup> 31.2	42
1,264	83.1	6,405	140	12.9	18.0	137	8.5	10.3	3	65.5	29.9	43
744	87.2	5,950	79	16.7	14.2	76	8.9	12.8	3	36.8	37.8	44
1,617	73.9	4,490	216	30.0	9.7	197	24.0	19.8	19	89.3	50.1	45
1,533	83.5	6,386	160	14.3	16.8	<sup>21</sup> 108	<sup>21</sup> 7.4	<sup>21</sup> 9.6	<sup>21</sup> 10	<sup>21</sup> 80.3	<sup>21</sup> 35.1	46
815	81.4	6,707	66	11.5	21.9	59	10.9	7.2	7	54.8	29.5	47
522	74.8	5,690	65	18.5	15.0	62	20.4	14.6	3	76.2	48.4	48
1,020	77.0	5,729	112	19.7	15.1	103	25.3	14.4	9	81.0	49.8	49
604	79.3	6,022	82	14.3	14.8	81	8.7	11.7	1	48.0	41.2	50
<sup>22</sup> 6,589	<sup>22</sup> 83.0	7,480	496	10.9	29.9	<sup>22</sup> 373	<sup>22</sup> 5.7	<sup>22</sup> 5.3	<sup>22</sup> 105	<sup>22</sup> 61.3	<sup>22</sup> 26.0	51
811	83.1	6,095	98	13.7	15.7	<sup>23</sup> 83	<sup>23</sup> 9.2	<sup>23</sup> 9.8	<sup>23</sup> 5	<sup>23</sup> 66.4	<sup>23</sup> 37.1	52
552	83.6	4,722	93	24.8	7.6	92	52.1	20.9	(Z)	70.4	46.1	53
1,277	71.8	6,580	103	12.9	21.3	<sup>24</sup> 83	<sup>24</sup> 17.5	<sup>24</sup> 8.0	<sup>24</sup> 9	<sup>24</sup> 72.9	<sup>24</sup> 36.1	54
(NA)	(NA)	5,977	149	12.8	13.2	148	(NA)	(NA)	1	(NA)	(NA)	55
750	85.2	6,070	83	12.8	14.4	<sup>25</sup> 81	<sup>25</sup> 14.4	<sup>25</sup> 10.3	<sup>25</sup> 1	<sup>25</sup> 72.6	<sup>25</sup> 32.3	56
638	82.8	5,558	77	16.1	10.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57
1,248	88.4	6,210	130	12.9	15.8	119	10.8	9.4	10	68.8	35.5	58



TABLE 1. METROPOLITAN AREAS—SMSA's

SMSA		PUBLIC ASSISTANCE, 1966 <sup>1</sup>						
		Recipients			Payments			
		Old-age assist- ance	Families with de- pendent children	Perma- nently and totally disabled	Total <sup>2</sup>	Old-age	Families with de- pendent children	Perma- nently and totally disabled
					\$1,000	\$1,000	\$1,000	\$1,000
1	Los Angeles-Long Beach, Calif. ....	105,595	219,605	32,071	45,428	10,421	10,023	3,517
2	Louisville, Ky.-Ind. ....	6,274	16,860	1,937	1,191	414	456	182
3	Memphis, Tenn.-Ark. ....	8,821	20,849	2,097	1,226	548	474	141
4	Miami, Fla. ....	9,016	18,840	2,361	1,256	635	300	171
5	Milwaukee, Wis. ....	5,791	17,486	1,162	2,432	802	787	209
6	Minneapolis-St. Paul, Minn. ....	10,198	32,251	2,289	5,392	599	1,659	177
7	Mobile, Ala. ....	6,672	8,818	956	655	470	113	47
8	Nashville, Tenn. ....	2,928	5,822	1,021	448	175	134	64
9	New Haven, Conn. SEA. ....	1,698	16,324	2,550	1,670	160	753	189
10	New Haven, Conn. SMSA. ....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
11	New Orleans, La. ....	22,782	24,443	3,886	2,725	1,750	596	247
12	New York, N.Y. ....	43,053	453,024	24,136	33,186	3,343	23,335	2,142
13	Newark, N.J. ....	4,550	49,831	3,427	4,486	411	2,640	370
14	Norfolk-Portsmouth, Va. ....	1,582	10,465	1,014	640	136	278	85
15	Oklahoma City, Okla. ....	8,966	14,978	2,243	2,072	653	528	205
16	Omaha, Nebr.-Iowa. ....	1,950	11,193	677	857	177	366	84
17	Orlando, Fla. ....	3,881	3,135	998	480	246	126	65
18	Paterson-Clifton-Passaic, N.J. ....	1,696	11,367	995	1,274	157	604	110
19	Peoria, Ill. ....	926	4,263	374	468	43	156	23
20	Philadelphia, Pa.-N.J. ....	14,664	105,835	8,430	8,856	1,150	3,792	695
21	Phoenix, Ariz. ....	6,129	21,447	2,128	1,263	379	617	144
22	Pittsburgh, Pa. ....	8,944	62,930	3,002	5,801	578	2,128	218
23	Portland, Oreg.-Wash. ....	5,032	18,821	4,782	1,911	351	758	334
24	Providence-Pawtucket-Warwick, R.I. SEA. ....	4,732	22,116	2,726	2,589	458	945	263
25	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA. ....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26	Reading, Pa. ....	764	2,117	289	299	51	63	19
27	Richmond, Va. ....	1,474	8,572	1,157	634	132	271	122
28	Rochester, N.Y. ....	2,207	13,639	1,389	859	161	527	105
29	Sacramento, Calif. ....	10,999	34,627	4,051	4,916	1,044	1,530	455
30	St. Louis, Mo.-Ill. ....	20,370	70,607	7,522	5,098	1,480	2,087	559
31	Salt Lake City, Utah. ....	1,567	11,910	2,399	945	110	466	191
32	San Antonio, Tex. ....	11,520	13,545	545	1,233	883	297	32
33	San Bernardino-Riverside-Ontario, Calif. ....	20,630	43,285	5,307	6,908	1,986	1,811	593
34	San Diego, Calif. ....	13,135	26,356	4,126	4,855	1,266	1,136	444
35	San Francisco-Oakland, Calif. ....	37,346	100,289	14,057	18,077	3,668	4,598	1,533
36	San Jose, Calif. ....	8,065	33,787	3,041	4,206	785	1,436	337
37	Seattle-Everett, Wash. ....	9,656	20,717	6,127	2,779	781	766	440
38	Shreveport, La. ....	11,029	8,999	1,350	1,244	893	216	79
39	South Bend, Ind. ....	997	4,145	91	326	113	152	22
40	Spokane, Wash. ....	3,391	7,872	2,170	957	274	303	135
41	Springfield-Chicopee-Holyoke, Mass. SEA. ....	3,696	8,610	975	1,655	359	423	165
42	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA. ....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
43	Syracuse, N.Y. ....	1,588	15,138	550	927	93	658	41
44	Tacoma, Wash. ....	2,722	6,161	2,032	782	220	233	139
45	Tampa-St. Petersburg, Fla. ....	10,527	16,140	2,434	1,237	687	256	164
46	Toledo, Ohio-Mich. ....	4,019	14,595	1,186	1,413	396	641	124
47	Trenton, N.J. ....	525	6,179	379	543	46	310	41
48	Tucson, Ariz. ....	1,990	6,789	729	396	123	191	49
49	Tulsa, Okla. ....	8,428	11,630	1,885	1,697	613	411	174
50	Utica-Rome, N.Y. ....	1,233	7,502	436	436	62	271	29
51	Washington, D.C.-Md.-Va. ....	3,514	29,852	4,287	1,911	344	1,030	380
52	Wichita, Kans. ....	2,103	10,711	790	892	193	452	96
53	Wilkes-Barre-Hazleton, Pa. ....	1,682	6,462	1,251	857	106	179	81
54	Wilmington, Del.-Md.-N.J. ....	1,194	11,010	626	619	84	356	57
55	Worcester, Mass. SEA. ....	4,789	9,208	1,436	1,874	487	432	226
56	Worcester, Mass. SMSA. ....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
57	York, Pa. ....	716	3,574	374	369	49	105	24
58	Youngstown-Warren, Ohio. ....	3,027	6,543	627	661	288	234	59

See notes on pp. 938-940.

## Retired Workers—Crimes

921

WITH 250,000 POPULATION OR MORE—Continued

RETIRED WORKERS RECEIVING SOCIAL SECURITY BENEFITS, DECEMBER, 1966 <sup>3</sup>			CRIMES, 1965 <sup>4</sup>											
Recip- ients	Pay- ments	Aver- age benefit	Total	Rate per 100,000 population										
				Total	Murder and non- negli- gent man- slaughter	Forc- ible rape	Rob- bery	Aggra- vated assault	Against property					
									Total	Bur- glary	Lar- ceny, \$50 and over	Auto theft		
1,000	\$1,000	Dol- lars	1,000											
405	34,458	85	243	3,566.6	457.8	6.1	32.9	189.1	229.7	3,108.8	1,564.4	917.0	627.4	1
45	3,662	82	18	2,175.5	294.4	8.2	9.8	99.6	86.8	1,971.1	800.1	801.3	369.7	2
35	2,537	72	14	1,790.2	166.3	6.2	16.3	49.7	94.1	1,623.2	903.3	506.3	214.2	3
89	7,468	84	32	2,913.7	400.3	8.9	11.6	164.2	215.6	2,513.4	1,234.3	938.9	340.2	4
86	7,865	91	14	1,010.2	63.5	2.3	3.2	18.5	38.9	946.8	283.1	333.1	280.6	5
99	8,624	87	31	1,958.5	167.3	2.1	9.0	54.5	71.7	1,791.3	894.7	530.4	366.2	6
16	1,217	74	7	1,668.4	266.1	9.5	15.4	43.2	138.0	1,462.3	936.1	357.5	168.7	7
28	2,026	71	9	1,771.8	250.1	10.9	13.0	55.3	170.9	1,521.8	808.4	361.1	352.3	8
49	4,494	92	9	1,221.5	54.0	0.8	4.0	10.2	39.0	1,167.4	505.6	374.3	237.5	9
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10
45	3,517	79	21	2,125.2	304.9	12.0	20.3	121.7	150.9	1,820.3	753.1	544.6	522.6	11
802	72,210	90	227	1,951.6	255.5	6.1	11.3	83.9	154.2	1,726.0	584.5	790.5	361.0	12
116	10,538	91	36	1,994.9	280.6	4.6	13.2	109.4	153.4	1,714.3	872.3	436.1	405.9	13
23	1,678	74	13	2,029.8	332.9	6.5	16.3	88.4	221.7	1,697.1	847.4	542.5	307.2	14
30	2,412	79	10	1,698.6	193.7	5.7	14.4	89.3	34.3	1,505.0	843.7	294.1	367.2	15
29	2,468	84	8	1,514.4	80.4	3.9	7.7	55.7	13.1	1,434.0	793.9	366.2	363.9	16
24	1,838	80	7	1,727.1	197.9	6.3	10.4	59.5	121.7	1,529.2	821.0	514.2	194.0	17
23	7,613	92	14	1,051.1	100.4	1.8	4.4	32.3	61.9	950.7	457.5	256.2	207.0	18
21	1,806	87	5	1,515.3	166.8	2.8	12.0	65.7	86.3	1,348.5	695.3	351.1	302.1	19
292	25,865	88	60	1,295.5	230.9	5.5	15.9	82.9	126.6	1,064.7	530.1	247.4	287.2	20
48	4,158	86	21	2,449.9	231.5	5.2	21.4	70.8	134.4	2,218.2	996.2	865.2	356.8	21
148	13,659	92	31	1,303.7	162.5	3.5	10.3	76.4	72.3	1,141.3	432.4	285.8	373.1	22
72	6,088	85	17	1,941.0	163.2	3.0	13.5	84.0	62.7	1,777.9	825.8	663.6	289.0	23
61	5,172	85	12	1,563.1	83.4	2.2	3.8	21.9	55.5	1,479.6	652.1	455.8	371.7	24
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	25
23	1,951	84	2	608.3	49.5	3.1	2.6	15.7	28.7	558.7	317.6	149.6	91.5	26
(NA)	(NA)	(NA)	9	1,928.4	261.9	10.2	14.2	61.5	176.0	1,666.5	851.7	466.2	345.6	27
60	5,421	90	8	1,031.5	92.5	2.3	9.5	28.4	52.3	938.9	509.0	298.1	131.3	28
37	2,994	81	17	2,224.5	180.7	4.5	24.9	82.4	68.9	2,043.8	1,079.0	538.2	426.6	29
139	11,951	86	43	1,916.5	294.9	7.9	20.7	130.2	136.1	1,621.6	915.0	337.7	368.9	30
22	1,894	87	10	1,948.1	120.3	1.2	12.7	37.1	69.3	1,827.9	793.5	734.7	299.7	31
35	2,513	71	17	2,065.9	248.9	7.8	13.9	44.5	182.7	1,817.0	983.5	566.9	263.6	32
73	6,073	83	24	2,345.2	189.3	5.0	19.0	49.5	115.5	2,155.8	1,215.1	659.3	281.4	33
68	5,679	83	18	1,523.7	116.5	3.4	9.7	42.4	61.0	1,407.2	569.7	613.4	224.1	34
180	15,766	88	76	2,539.3	280.9	4.3	13.7	130.4	132.5	2,258.4	1,171.4	569.0	518.0	35
39	3,275	84	15	1,658.1	85.6	2.5	9.5	25.6	45.0	1,572.4	818.3	474.5	279.6	36
79	7,002	88	21	1,767.5	145.1	2.7	14.6	52.9	74.9	1,622.3	790.0	374.0	288.3	37
14	1,005	74	4	1,225.9	277.1	8.5	6.5	55.0	207.1	948.8	486.8	293.5	165.5	38
19	1,777	92	3	943.9	63.3	3.2	3.9	27.4	28.8	820.5	419.4	277.4	183.7	39
20	1,635	83	3	1,009.4	46.9	2.1	4.8	13.1	26.9	962.6	447.9	308.0	206.7	40
46	3,491	87	5	854.5	50.7	1.4	5.4	9.0	14.9	823.6	304.0	232.9	286.7	41
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	42
40	3,512	88	8	1,305.8	134.4	2.2	14.4	40.5	77.3	1,171.4	540.0	459.2	172.2	43
21	1,213	85	4	1,329.7	116.2	1.2	10.3	26.6	78.1	1,213.4	616.4	430.5	166.5	44
117	9,885	85	19	2,135.8	310.2	6.0	12.9	93.6	197.7	1,825.7	1,074.4	558.3	193.0	45
40	3,614	89	10	1,520.7	171.7	3.5	11.2	83.4	73.6	1,349.0	669.4	467.5	212.1	46
19	1,702	89	5	1,885.7	170.5	2.4	8.3	82.3	77.5	1,715.2	797.9	390.2	527.1	47
19	1,610	85	5	1,587.4	139.9	4.5	10.9	44.5	79.9	1,447.4	757.5	412.1	277.8	48
26	2,148	84	7	1,667.2	172.7	4.2	10.2	49.0	103.3	1,494.5	679.3	536.2	279.0	49
27	2,252	84	2	596.5	36.6	1.4	2.5	15.1	19.3	559.9	314.4	162.9	82.6	50
84	6,489	77	52	2,171.3	338.2	3.2	14.2	615.2	621.6	1,783.1	891.3	496.1	395.7	51
21	1,719	84	6	1,586.6	133.1	3.5	11.2	35.7	87.7	1,448.5	751.1	460.7	236.7	52
26	2,130	83	2	503.0	42.2	0.6	3.7	8.3	29.6	460.7	195.1	147.3	118.3	53
24	2,068	87	6	1,374.5	95.5	4.3	7.3	60.1	23.8	1,279.0	630.3	372.2	276.5	54
46	3,993	87	7	1,190.3	64.5	2.1	4.9	26.8	30.7	1,125.7	539.4	258.0	328.3	55
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	56
23	1,879	83	2	744.8	55.3	1.3	5.6	22.7	25.7	689.4	443.9	151.6	93.9	57
29	2,734	94	5	919.0	116.1	3.2	4.3	28.6	80.0	802.9	381.1	219.9	201.9	58

TABLE 1. METROPOLITAN AREAS—SMSA's

[For employees and value added in defense-oriented industries, letter symbols denoting a range were used in place Under 500, (b) 500 to 999, (c) 1,000 to 1,900, (d) 2,000 to 4,900, (e) 5,000 to 9,900, (f) 10,000 to 19,900, (g) 20,000 to million, (k) \$5 to \$9.9 million, (l) \$10 to \$19.9 million, (m) \$20 to \$49.9 million, (n) \$50 to \$99.9 million, (o) \$100

	SMSA	Median years of school completed, 1960 <sup>1,2</sup>	HEALTH CARE, 1962 <sup>3</sup>				LOCAL GOVERNMENTS, 1962 <sup>4</sup>				
			Physicians per 100,000 population	Dentists per 100,000 population	Hospital beds		Number		General revenue	Direct general expenditure	Debt outstanding
					Total	Per 1,000 population	Total	With property-taxing power			
									Mil. dol.	Mil. dol.	Mil. dol.
1	Los Angeles-Long Beach, Calif.	12.1	230.2	61.8	21,545	3.4	234	231	1,959	2,041	1,657
2	Louisville, Ky.-Ind.	9.9	152.2	55.4	3,154	4.2	129	105	130	135	208
3	Memphis, Tenn.-Ark.	10.4	184.8	58.8	3,014	4.3	46	21	110	134	244
4	Miami, Fla.	11.5	210.6	61.7	4,064	4.0	32	29	227	225	262
5	Milwaukee, Wis.	11.1	147.7	73.1	5,167	3.9	238	231	369	377	401
6	Minneapolis-St. Paul, Minn.	12.1	169.3	83.0	8,299	5.4	261	253	378	404	578
7	Mobile, Ala.	10.3	91.0	33.7	1,137	3.0	25	22	47	55	87
8	Nashville, Tenn.	10.1	201.6	50.9	2,151	4.5	32	18	71	77	143
9	New Haven, Conn. SEA	10.8	224.3	67.9	2,455	3.6	<sup>8</sup> 62	<sup>8</sup> 53	<sup>8</sup> 133	<sup>8</sup> 146	<sup>8</sup> 248
10	New Haven, Conn. SMSA.	11.3	(NA)	(NA)	(NA)	(NA)	<sup>9</sup> 21	<sup>9</sup> 20	<sup>9</sup> 68	<sup>9</sup> 80	<sup>9</sup> 138
11	New Orleans, La.	9.7	224.0	52.3	5,103	5.4	31	30	152	160	302
12	New York, N.Y.	10.7	256.2	97.5	51,239	4.7	555	553	3,810	3,817	6,186
13	Newark, N.J.	11.1	175.1	78.1	7,109	4.1	204	182	440	457	525
14	Norfolk-Portsmouth, Va.	10.6	125.6	36.8	1,688	2.8	9	6	102	167	409
15	Oklahoma City, Okla.	12.0	206.9	46.9	2,078	3.9	86	82	80	85	145
16	Omaha, Nebr.-Iowa	12.0	178.4	66.9	2,701	5.7	190	176	93	95	99
17	Orlando, Fla.	11.7	144.6	45.2	1,291	3.7	41	25	55	58	69
18	Paterson-Clifton-Passaic, N.J.	11.0	130.6	67.5	2,741	2.2	196	182	250	260	353
19	Peoria, Ill.	10.8	110.1	48.0	1,508	4.7	263	247	57	59	72
20	Philadelphia, Pa.-N.J.	10.5	212.7	66.7	19,199	4.3	963	705	841	864	1,557
21	Phoenix, Ariz.	11.6	170.6	45.3	2,868	4.0	101	101	153	172	183
22	Pittsburgh, Pa.	10.6	130.7	65.2	10,535	4.3	806	573	413	444	809
23	Portland, Oreg.-Wash.	12.0	204.5	96.1	3,624	4.3	374	281	184	184	126
24	Providence-Pawtucket-Warwick, R.I. SEA.	9.8	160.5	60.3	2,620	3.6	<sup>8</sup> 62	<sup>8</sup> 56	<sup>8</sup> 114	<sup>8</sup> 114	<sup>8</sup> 182
25	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA.	10.1	(NA)	(NA)	(NA)	(NA)	<sup>10</sup> 72	<sup>10</sup> 63	<sup>10</sup> 131	<sup>10</sup> 136	<sup>10</sup> 199
26	Reading, Pa.	9.1	140.0	60.3	1,036	3.7	200	142	43	49	71
27	Richmond, Va.	11.0	218.0	61.4	2,435	5.4	8	5	75	83	135
28	Rochester, N.Y.	11.1	197.9	71.1	2,488	3.3	224	223	199	215	278
29	Sacramento, Calif.	12.1	146.3	51.6	2,490	3.7	235	199	190	211	179
30	St. Louis, Mo.-Ill.	9.7	155.8	58.1	10,865	5.0	482	448	379	390	577
31	Salt Lake City, Utah	12.3	188.3	64.3	1,520	3.2	57	55	90	93	79
32	San Antonio, Tex.	10.5	190.1	33.2	1,650	2.2	59	54	96	102	173
33	San Bernardino-Riverside-Ontario, Calif.	11.8	153.7	47.0	2,816	3.2	250	243	254	259	217
34	San Diego, Calif.	12.1	189.7	58.5	2,812	2.5	140	140	300	318	251
35	San Francisco-Oakland, Calif.	12.2	296.2	80.4	11,508	4.2	346	324	894	886	727
36	San Jose, Calif.	12.2	239.6	67.5	2,431	3.4	88	87	238	267	306
37	Seattle-Everett, Wash.	12.2	217.8	89.8	4,035	3.5	281	251	276	289	304
38	Shreveport, La.	10.9	153.4	48.5	1,728	5.9	19	17	44	48	79
39	South Bend, Ind.	11.2	132.3	58.2	861	3.1	88	72	47	50	49
40	Spokane, Wash.	12.1	160.8	73.7	986	3.4	108	94	54	55	46
41	Springfield-Chicopee-Holyoke, Mass. SEA.	10.9	135.9	61.5	2,082	3.8	67	57	126	129	109
42	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA.	11.1	(NA)	(NA)	(NA)	(NA)	<sup>11</sup> 36	<sup>11</sup> 26	<sup>11</sup> 113	<sup>11</sup> 116	<sup>11</sup> 101
43	Syracuse, N.Y.	11.4	184.8	53.3	1,978	3.4	228	227	156	173	238
44	Tacoma, Wash.	11.6	164.7	54.3	1,158	3.5	82	72	70	76	77
45	Tampa-St. Petersburg, Fla.	10.6	149.2	51.5	2,926	3.5	40	32	145	163	214
46	Toledo, Ohio-Mich.	10.7	135.9	47.7	2,458	3.8	144	140	130	147	133
47	Trenton, N.J.	10.4	221.9	63.3	1,173	4.3	37	32	61	65	90
48	Tucson, Ariz.	12.1	169.1	45.0	1,119	3.9	24	24	60	65	59
49	Tulsa, Okla.	11.8	141.9	50.1	1,740	4.0	124	117	64	66	126
50	Utica-Rome, N.Y.	10.3	127.6	52.2	1,254	3.7	153	153	87	88	81
51	Washington, D.C.-Md.-Va.	12.3	288.8	60.3	6,969	3.2	84	78	554	622	694
52	Wichita, Kans.	12.1	118.9	46.5	1,782	4.4	195	193	90	89	126
53	Wilkes-Barre-Hazleton, Pa.	9.5	121.5	67.2	1,525	4.5	168	145	39	44	30
54	Wilmington, Del.-Md.-N.J.	11.3	144.0	40.5	1,529	3.5	83	76	73	73	124
55	Worcester, Mass. SEA	10.5	127.7	59.0	2,782	4.7	101	85	136	140	119
56	Worcester, Mass. SMSA.	11.1	(NA)	(NA)	(NA)	(NA)	<sup>14</sup> 42	<sup>14</sup> 35	<sup>14</sup> 85	<sup>14</sup> 81	<sup>14</sup> 75
57	York, Pa.	9.0	112.1	47.4	690	2.3	237	170	45	46	69
58	Youngstown-Warren, Ohio	10.7	122.6	50.1	1,837	3.5	105	101	91	94	113

See notes on pp. 938-940.



## WITH 250,000 POPULATION OR MORE—Continued

of percents to avoid disclosure of individual company data. Symbols a to g apply as follows to employees: (a) 49,900. Symbols h to q apply as follows to value added: (h) \$50,000 to \$99,900, (i) \$1 to \$1.9 million, (j) \$2 to \$4.9 to \$19.9 million, (p) \$200 to \$499.9 million, and (q) \$500 to \$999.9 million]

MANUFACTURES, 1964 <sup>5</sup>				MANUFACTURES, 1963 <sup>6</sup>								
Em- ployees, annual average	Pay- roll, entire year	Value added	Establishments		Employees			Pay- roll, entire year	Value added			
			Total	With 20 or more em- ployees	Annual aver- age	Index of change, (1958 =100)	In de- fense- oriented indus- tries		Total	Change, 1958 to 1963	In de- fense- oriented indus- tries	
1,000	Mil. dol.	Mil. dol.		Per- cent	1,000		Per- cent	Mil. dol.	Mil. dol.	Per- cent	Per- cent	
743	5,141	9,154	17,679	29.3	746	108	29.6	4,940	8,980	33.4	31.1	1
92	592	1,728	904	47.5	88	101	(c)	543	1,596	37.4	(i)	2
43	250	611	816	43.3	47	113	(a)	241	575	44.9	(i)	3
46	209	325	1,923	27.8	43	117	(a)	193	363	44.0	(j)	4
203	1,377	2,504	2,506	36.5	200	103	12.5	1,308	2,314	27.0	13.5	5
174	1,162	2,118	2,667	37.8	164	100	14.5	1,056	1,957	40.1	17.2	6
19	107	246	343	28.9	19	98	(NA)	101	223	12.4	(NA)	7
48	239	502	675	43.1	47	105	7.7	226	490	60.7	(m)	8
102	633	1,160	1,555	36.7	103	102	(NA)	611	1,121	39.3	(NA)	9
41	251	426	751	38.3	43	101	(e)	253	425	23.2	(n)	10
55	352	786	916	33.7	49	105	20.8	223	613	30.2	18.9	11
1,135	7,142	11,525	37,995	30.9	1,147	97	7.9	6,850	11,437	21.8	10.7	12
243	1,729	3,177	4,692	36.3	250	102	7.7	1,614	3,016	31.5	6.5	13
16	38	199	361	41.8	16	106	(NA)	82	199	50.1	(NA)	14
26	152	309	632	25.0	27	143	(NA)	153	299	102.0	(NA)	15
35	218	503	598	37.0	35	106	(NA)	207	423	33.4	(NA)	16
19	128	247	370	28.6	19	180	(NA)	125	231	114.7	(NA)	17
173	1,964	1,986	3,826	54.6	176	111	17.2	1,053	2,003	35.8	17.8	18
42	368	596	363	38.3	43	108	(f)	278	604	21.6	(p)	19
536	3,450	6,308	8,287	38.8	536	100	10.9	3,311	6,032	25.0	10.0	20
45	287	487	976	24.0	41	159	40.6	254	436	91.3	42.6	21
285	2,185	3,383	2,572	36.7	272	89	1.5	1,926	2,379	9.8	1.5	22
67	424	936	1,962	27.8	65	116	(NA)	393	768	23.6	(NA)	23
107	521	951	2,585	32.1	109	99	(NA)	597	915	26.2	(NA)	24
124	617	1,142	2,918	32.6	126	100	(b)	596	1,075	26.2	(k)	25
53	283	483	677	45.9	51	105	(d)	255	429	26.7	(m)	26
47	279	610	577	41.8	46	107	(NA)	257	559	22.9	(NA)	27
124	900	1,934	1,214	35.2	121	104	38.6	838	1,762	50.0	52.6	28
34	275	623	546	25.3	35	147	(NA)	272	524	30.7	(NA)	29
269	1,783	3,350	3,217	39.9	260	99	(g)	1,666	3,119	29.1	(p)	30
31	180	375	637	31.6	32	151	(NA)	187	393	30.7	(NA)	31
24	109	232	623	33.1	24	113	(NA)	102	212	31.1	(NA)	32
38	245	562	957	22.8	38	128	(NA)	239	494	54.5	(NA)	33
58	437	504	920	20.3	60	84	70.6	453	661	9.2	72.2	34
193	1,396	2,671	4,922	28.5	196	103	7.7	1,357	2,568	25.3	6.9	35
95	741	1,206	1,095	31.4	95	176	42.6	740	1,189	38.2	40.8	36
112	834	1,377	2,052	24.2	122	106	(h)	855	1,624	52.6	(q)	37
9	49	108	237	31.0	9	100	(NA)	46	90	3.5	(NA)	38
32	221	339	439	33.7	38	102	(NA)	244	362	-0.1	(NA)	39
12	80	163	366	25.4	12	93	(NA)	76	171	0.5	(NA)	40
74	420	785	1,056	40.0	70	95	(NA)	383	713	16.9	(NA)	41
71	405	761	979	40.6	67	94	7.3	370	691	15.6	6.4	42
68	463	919	773	36.2	67	96	(f)	424	780	14.7	(c)	43
18	118	205	486	29.6	17	100	(NA)	99	197	29.2	(NA)	44
38	201	434	1,136	23.8	37	114	(NA)	189	404	71.4	(NA)	45
74	525	991	1,017	33.9	71	100	1.7	486	911	27.3	1.2	46
38	259	464	438	42.0	38	104	(NA)	244	457	40.8	(NA)	47
7	41	56	240	19.6	8	101	(NA)	51	84	0.6	(NA)	48
34	207	338	710	30.0	30	90	(NA)	174	293	14.2	(NA)	49
38	227	412	473	35.7	38	95	30.2	219	447	29.7	36.6	50
53	369	565	1,332	28.9	51	144	12 17.2	327	532	13 63.9	13 15.9	51
47	321	526	518	29.0	43	80	66.7	237	480	1.4	61.3	52
45	174	333	768	52.2	44	113	(b)	165	311	49.8	(k)	53
63	517	776	430	42.9	59	101	(c)	469	763	49.2	(l)	54
100	564	933	1,508	41.8	100	100	(NA)	526	890	24.8	(NA)	55
47	281	486	783	35.6	48	92	5.9	267	430	13.9	6.5	56
51	255	477	724	50.4	49	100	5.7	224	438	20.6	8.2	57
74	531	1,026	671	38.9	69	90	(b)	477	902	23.6	(k)	58

TABLE 1. METROPOLITAN AREAS—SMSA's

SMSA		RETAIL TRADE, 1963 <sup>1</sup>								
		Establishments			Sales, all establishments				Paid employ-ees, Nov. 15 work-week	Payroll entire year
		Total	With payroll		Total	Change, 1958-1963	By food stores	By auto-motive dealers		
			Total	Change, 1958-1963						
			Per-cent	Percent	Mil. dol.	Percent	Per-cent	Per-cent	1,000	Mil. dol.
1	Los Angeles-Long Beach, Calif.	51,888	72.7	7.2	10,687	28.2	22.3	19.8	347	1,344
2	Louisville, Ky.-Ind.	6,001	74.6	(Z)	977	19.2	23.0	19.7	36	114
3	Memphis, Tenn.-Ark.	4,840	76.1	-3.1	895	20.9	21.5	23.0	33	102
4	Miami, Fla.	9,459	75.2	4.1	1,618	18.2	23.3	20.1	59	193
5	Milwaukee, Wis.	11,242	69.9	-2.7	1,759	17.1	23.9	17.9	67	215
6	Minneapolis-St. Paul, Minn.	10,419	76.1	-3.2	2,194	17.3	21.8	16.2	88	295
7	Mobile, Ala.	2,908	72.0	14.2	417	23.2	24.6	18.2	15	45
8	Nashville, Tenn.	4,033	70.4	4.4	624	18.6	22.4	20.6	22	68
9	New Haven, Conn. SEA	6,720	68.7	-2.5	987	26.3	25.8	16.3	33	114
10	New Haven, Conn. SMSA	3,216	67.5	-7.2	473	16.2	26.5	13.6	16	57
11	New Orleans, La.	6,202	74.2	-2.4	1,123	16.0	25.2	16.1	43	137
12	New York, N.Y.	102,783	70.4	-4.0	15,646	15.2	25.6	10.2	570	2,063
13	Newark, N.J.	16,494	69.4	-1.9	2,582	15.1	22.9	17.5	89	311
14	Norfolk-Portsmouth, Va.	3,751	81.5	-3.4	684	21.4	23.2	19.1	27	83
15	Oklahoma City, Okla.	4,407	79.9	7.1	805	33.8	21.7	21.8	29	91
16	Omaha, Nebr.-Iowa	3,483	76.6	-3.4	666	21.4	21.4	17.4	25	81
17	Orlando, Fla.	3,074	70.7	26.4	504	39.7	23.2	22.4	17	55
18	Paterson-Clifton-Passaic, N.J.	11,414	67.4	1.5	1,871	28.9	24.6	17.4	58	202
19	Peoria, Ill.	2,906	75.2	-2.5	468	23.5	21.6	20.1	16	51
20	Philadelphia, Pa.-N.J.	39,358	67.2	-1.1	5,737	16.1	23.7	17.1	207	667
21	Phoenix, Ariz.	6,482	73.4	28.2	1,133	54.5	21.3	21.6	41	136
22	Pittsburgh, Pa.	20,251	70.7	-1.8	2,878	9.1	26.8	17.2	104	328
23	Portland, Oreg.-Wash.	6,954	75.8	1.7	1,279	23.2	20.4	21.1	45	163
24	Providence-Pawtucket-Warwick, R.I. SEA.	7,447	64.0	-2.0	977	21.0	23.8	16.6	34	111
25	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA.	8,295	64.5	-1.6	1,101	21.9	25.1	16.4	38	124
26	Reading, Pa.	2,990	65.6	-2.0	363	20.8	22.4	19.4	13	41
27	Richmond, Va.	3,247	79.9	-3.5	665	22.6	20.4	19.7	27	85
28	Rochester, N.Y.	6,241	71.1	-3.6	1,138	24.6	23.0	21.0	42	137
29	Sacramento, Calif.	5,529	77.8	21.9	1,076	41.2	24.0	19.9	35	131
30	St. Louis, Mo.-Ill.	17,651	72.9	-2.4	2,847	17.3	24.5	18.5	102	345
31	Salt Lake City, Utah	3,242	80.6	10.2	668	34.3	22.2	20.8	25	84
32	San Antonio, Tex.	5,964	70.0	6.7	807	14.8	22.2	20.6	33	95
33	San Bernardino-Riverside-Ontario, Calif.	7,892	74.9	17.0	1,300	42.3	23.1	19.0	42	147
34	San Diego, Calif.	7,891	75.9	13.0	1,408	24.4	20.9	19.8	48	178
35	San Francisco-Oakland, Calif.	23,409	73.4	3.7	4,511	31.2	23.7	17.6	146	601
36	San Jose, Calif.	5,608	76.8	27.7	1,225	67.2	21.7	19.1	38	150
37	Seattle-Everett, Wash.	9,682	74.2	5.5	1,748	21.0	23.8	16.6	59	230
38	Shreveport, La.	2,063	80.8	0.7	333	12.4	22.9	21.1	12	38
39	South Bend, Ind.	2,422	77.5	1.3	392	25.8	20.9	20.8	14	45
40	Spokane, Wash.	2,219	73.7	-3.9	370	6.8	22.9	19.1	13	46
41	Springfield-Chicopee-Holyoke, Mass. SEA.	4,789	72.1	-0.7	729	21.1	24.5	17.7	27	89
42	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA.	4,385	72.7	-1.0	690	20.2	24.4	17.8	26	85
43	Syracuse, N.Y.	5,169	70.2	-1.4	787	19.6	25.8	19.4	28	94
44	Taoma, Wash.	2,642	74.4	6.6	414	24.3	21.1	19.3	13	52
45	Tampa-St. Petersburg, Fla.	7,813	69.5	15.0	1,152	25.4	22.8	21.7	42	127
46	Toledo, Ohio-Mich.	5,090	75.0	-5.3	838	15.7	24.2	19.3	30	98
47	Trenton, N.J.	2,805	69.2	0.5	439	21.6	20.4	16.4	15	51
48	Tucson, Ariz.	2,441	77.0	23.7	399	38.2	22.0	21.0	15	49
49	Tulsa, Okla.	3,664	76.0	3.1	583	16.8	22.7	20.8	20	67
50	Utica-Rome, N.Y.	3,446	65.5	-4.8	430	18.5	25.0	17.9	15	46
51	Washington, D.C.-Md.-Va.	11,971	85.2	6.1	3,460	35.3	21.6	18.2	127	455
52	Wichita, Kans.	3,181	79.4	-4.1	521	9.4	21.4	25.3	19	60
53	Wilkes-Barre-Hazleton, Pa.	4,349	50.0	-9.6	379	3.8	27.2	15.5	13	38
54	Wilmington, Del.-Md.-N.J.	3,728	73.9	1.3	632	27.0	22.7	18.0	22	73
55	Worcester, Mass. SEA	5,535	72.4	0.1	780	23.8	26.7	17.3	28	89
56	Worcester, Mass. SMSA	2,813	74.2	0.2	457	24.5	24.7	18.3	16	54
57	York, Pa.	3,098	70.0	1.5	377	19.8	21.6	19.0	14	41
58	Youngstown-Warren, Ohio	4,293	73.7	-1.0	620	11.6	26.2	12.6	22	70

See notes on pp. 938-940.

WITH 250,000 POPULATION OR MORE—Continued

DEPARTMENT STORE SALES <sup>2</sup>			SELECTED SERVICES, 1963 <sup>3</sup>					WHOLESALE TRADE, 1963 <sup>4</sup>			
December 1966	March 1967		Establishments		Re-ceipts, total	Paid employees	Pay-roll	Estab-lish-ments	Sales		Paid employees
	Total	Change, March 1966-1967	Total	With payroll					Total	Merchant wholesalers	
Mil. dol.	Mil. dol.	Percent		Per-cent	Mil. dol.	1,000	Mil. dol.		Mil. dol.	Percent	1,000
228.4	107.1	7	46,259	50.1	2,920	197.0	1,060	12,216	17,138	44.9	147.0
22.3	11.9	17	4,090	44.0	162	14.6	45	1,177	1,594	45.9	15.5
19.6	12.5	24	3,123	57.7	161	14.6	43	1,422	3,597	47.5	21.6
34.2	19.9	15	8,295	54.3	493	42.4	144	2,360	1,829	64.6	22.9
41.6	21.1	14	6,144	55.4	293	23.3	87	2,376	2,975	37.7	25.3
63.5	37.1	(NA)	7,394	49.6	518	35.5	134	3,160	6,565	41.2	46.2
8.1	4.2	17	1,832	46.5	52	5.4	15	525	423	57.0	5.7
(NA)	(NA)	(NA)	2,868	49.6	112	9.7	29	918	1,041	57.1	12.2
(NA)	(NA)	(NA)	3,791	50.2	129	10.9	37	1,067	1,037	51.7	11.5
(NA)	(NA)	(NA)	1,900	53.5	76	6.7	22	708	769	48.9	8.0
26.2	15.4	5	4,331	54.4	227	21.7	70	1,801	2,655	43.1	23.3
325.8	161.7	7	71,330	54.9	7,762	390.7	1,865	31,368	57,562	46.4	325.7
50.0	22.2	-3	10,134	53.7	466	39.6	152	3,335	5,058	48.9	43.4
15.3	7.5	10	2,528	61.9	94	9.9	28	647	608	60.4	8.4
14.0	7.4	2	3,332	55.9	140	12.5	42	1,162	1,514	44.3	13.3
14.6	8.1	18	2,897	46.2	124	10.2	33	1,009	2,144	34.2	12.6
11.6	6.4	17	2,189	48.5	75	7.4	21	704	540	49.9	8.8
41.2	19.2	6	6,569	51.1	322	23.3	96	2,237	3,649	47.3	28.7
10.4	5.5	19	2,063	38.9	58	4.5	15	566	755	39.2	5.3
124.8	61.7	6	22,809	47.0	1,074	82.9	321	7,476	10,252	38.3	86.8
23.3	12.1	11	4,940	52.1	199	17.5	55	1,371	1,363	56.4	15.0
64.9	33.8	6	12,901	42.8	527	36.1	130	3,440	4,490	37.4	37.6
24.7	11.5	5	5,090	51.2	217	16.7	60	2,049	3,465	56.3	23.4
(NA)	(NA)	(NA)	4,578	44.5	144	12.1	41	1,367	1,161	58.0	13.3
23.3	9.5	-2	5,114	44.3	154	13.0	43	1,439	1,213	57.9	14.1
8.0	4.0	11	1,806	37.7	51	3.8	14	399	260	66.6	3.5
17.8	9.3	10	2,087	63.1	102	10.8	34	861	1,491	41.3	13.7
27.6	14.6	14	3,949	41.2	164	12.6	48	1,179	1,132	45.5	12.0
22.4	11.0	9	3,994	50.7	149	11.4	43	917	947	59.4	10.8
71.6	37.7	10	11,481	49.4	537	41.6	147	3,853	6,582	33.7	48.4
12.4	5.7	-15	2,774	48.3	118	9.5	32	1,085	1,223	45.2	13.1
21.8	12.5	10	3,769	53.3	135	14.9	40	1,056	974	65.8	13.2
20.5	11.2	12	5,693	49.2	223	17.8	64	901	777	59.5	8.7
36.2	19.0	6	6,222	52.6	256	21.0	76	1,084	842	69.0	10.3
102.6	48.7	6	19,497	47.5	1,159	75.7	345	5,804	9,901	36.9	71.2
31.0	14.5	7	4,459	52.1	230	17.1	77	843	1,088	36.9	9.0
46.1	20.9	15	7,389	47.8	286	21.0	86	2,574	3,147	46.2	27.3
5.5	3.2	22	1,276	61.8	45	4.5	13	559	454	62.8	6.2
9.4	4.9	23	1,510	41.5	45	3.8	12	462	512	42.7	4.8
9.8	5.2	27	1,801	44.1	59	4.5	17	650	569	68.8	6.3
(NA)	(NA)	(NA)	2,814	47.1	90	7.7	26	689	570	65.5	7.8
(NA)	(NA)	(NA)	2,596	47.2	85	7.5	25	672	569	65.5	7.7
16.8	8.2	12	3,143	40.3	110	9.5	31	1,091	1,377	34.2	12.1
11.8	5.6	26	1,678	45.1	48	3.6	13	414	402	59.6	4.1
20.5	12.0	7	6,239	48.2	203	17.0	54	1,428	1,213	58.6	15.8
22.0	9.7	-	3,759	45.9	123	9.8	33	1,000	1,096	55.3	11.5
8.8	3.9	-	1,579	48.2	68	6.1	23	378	316	45.4	3.8
8.9	5.1	16	1,863	52.7	70	6.7	19	356	239	63.5	2.9
10.9	6.5	33	2,627	52.4	106	8.6	28	957	952	47.5	9.4
7.1	3.6	16	1,953	36.1	60	4.2	16	415	316	43.2	3.5
791.0	746.9	2	10,283	58.9	742	64.4	272	2,034	3,489	38.7	29.8
8.1	4.1	4	2,216	55.6	72	7.1	22	807	744	58.3	7.5
6.9	3.4	6	2,000	33.1	42	3.4	10	552	383	53.8	4.6
(NA)	(NA)	(NA)	1,961	46.4	73	5.9	21	447	926	22.2	7.3
(NA)	(NA)	(NA)	3,204	43.3	90	7.1	23	744	671	64.6	7.9
6.4	2.8	-4	1,694	43.5	57	4.5	15	518	471	73.9	5.6
(NA)	(NA)	(NA)	1,918	38.6	46	3.8	11	363	278	63.4	4.1
16.8	7.3	11	2,790	39.9	70	5.7	19	589	674	39.6	6.0



TABLE 2. METROPOLITAN AREAS—SMSA'S

SMSA		POPULATION AND AREA <sup>1</sup>							
		Population, Apr. 1, 1960			Land area, 1960	Population estimates, July 1, 1965	Percent change, 1960 to 1965		
		Total	Rank	Nonwhite			Total	Natural increase	Net migration
		1,000		Percent	Sq. mi.	1,000			
1	Abilene, Tex.	120	186	4.9	1,870	126	4.9	9.3	-4.4
2	Albany, Ga.	76	220	34.4	324	89	18.0	13.7	4.3
3	Altoona, Pa.	137	171	0.9	531	137	-0.3	3.7	-4.0
4	Amarillo, Tex.	149	158	5.4	1,812	168	12.1	9.9	2.2
5	Anderson, Ind.	126	183	4.0	453	130	3.5	6.9	-3.4
6	Ann Arbor, Mich.	172	139	7.6	711	187	8.4	9.4	-1.0
7	Asheville, N.C.	130	178	10.9	645	143	9.7	5.5	4.3
8	Atlantic City, N.J.	161	148	17.7	569	179	11.5	2.8	8.7
9	Augusta, Ga.-S.C.	217	123	29.8	1,424	237	9.3	8.2	1.1
10	Austin, Tex.	212	124	12.8	1,012	247	16.2	9.7	6.5
11	Baton Rouge, La.	230	115	31.8	459	255	11.0	10.2	0.8
12	Bay City, Mich.	107	195	0.7	447	109	2.0	8.1	-6.1
13	Billings, Mont.	79	218	1.0	2,642	84	6.2	8.0	-1.8
14	Bloomington-Normal, Ill.	84	215	1.6	1,173	90	6.8	5.9	0.8
15	Boise City, Idaho.	93	203	0.7	1,043	99	6.0	7.5	-1.6
16	Brockton, Mass. SEA	248	(X)	2.0	654	296	19.1	7.0	12.1
17	Brockton, Mass. SMSA	149	159	1.4	162	(NA)	(NA)	(NA)	(NA)
18	Brownsville-Harlingen-San Benito, Tex.	151	155	0.8	896	151	0.1	13.6	-13.5
19	Cedar Rapids, Iowa	137	172	1.0	717	148	8.5	9.1	-0.7
20	Champaign-Urbana, Ill.	132	174	5.9	1,000	133	0.7	7.4	-6.7
21	Colorado Springs, Colo.	144	164	4.2	2,157	176	22.6	7.2	15.5
22	Columbus, Ga.-Ala.	218	121	29.3	1,112	260	19.5	12.0	7.5
23	Decatur, Ill.	118	189	5.1	578	122	3.0	6.3	-3.3
24	Dubuque, Iowa	80	217	0.2	612	87	8.3	9.7	-1.4
25	Durham, N.C.	155	153	29.8	697	<sup>5</sup> 123	<sup>5</sup> 10.3	<sup>5</sup> 6.9	<sup>5</sup> 3.3
26	Eugene, Oreg.	163	147	0.7	4,562	194	19.0	8.4	10.6
27	Evansville, Ind.-Ky.	223	118	6.0	1,065	223	(Z)	5.6	-5.5
28	Fall River, Mass.-R.I.	138	170	0.5	141	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
29	Fargo-Moorehead, N. Dak.-Minn.	106	197	0.3	2,794	110	3.4	8.7	-5.4
30	Fayetteville, N.C.	148	160	26.6	661	193	30.2	16.5	13.8
31	Fitchburg-Leominster, Mass.	90	209	1.4	167	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
32	Fort Smith, Ark.-Okla.	135	173	6.8	3,379	154	14.1	7.0	7.1
33	Fort Wayne, Ind.	232	113	5.2	671	259	11.6	8.6	3.0
34	Gadsden, Ala.	97	201	15.5	555	94	-3.6	5.7	-9.2
35	Galveston-Texas City, Tex.	140	168	21.4	399	157	12.2	8.0	4.1
36	Great Falls, Mont.	73	222	2.1	2,661	82	11.3	11.7	-0.4
37	Green Bay, Wis.	125	184	1.2	524	137	9.2	10.7	-1.5
38	Hamilton-Middletown, Ohio.	199	130	5.3	471	208	4.6	7.8	-3.2
39	Huntsville, Ala.	154	154	19.3	1,348	224	45.4	12.9	32.5
40	Jackson, Mich.	132	175	5.7	698	137	4.0	6.9	-2.9
41	Jackson, Miss.	221	120	39.6	1,676	250	12.9	10.1	2.8
42	Kalamazoo, Mich.	170	142	3.6	562	181	6.8	7.8	-1.0
43	Kenosha, Wis.	101	200	1.1	272	114	13.3	9.6	3.7
44	Lafayette, La.	85	214	24.0	283	98	15.9	12.6	3.3
45	Lafayette-West Lafayette, Ind.	89	210	1.3	500	96	8.1	9.0	-0.9
46	Lake Charles, La.	145	163	20.9	1,105	135	-7.3	10.6	-17.9
47	Laredo, Tex.	65	226	0.4	3,306	76	16.9	17.7	-0.8
48	Las Vegas, Nev.	127	181	9.5	7,874	232	82.4	15.2	67.3
49	Lawrence-Haverhill, Mass.-N.H.	199	129	0.4	208	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
50	Lawton, Okla.	91	207	11.8	1,087	99	9.1	13.9	-4.9
51	Lewiston-Auburn, Maine.	70	224	0.2	116	<sup>9</sup> 91	<sup>9</sup> 5.3	<sup>9</sup> 6.0	<sup>9</sup> -0.6
52	Lexington, Ky.	132	176	15.3	280	159	20.7	8.4	12.3
53	Lima, Ohio.	161	149	4.7	1,305	<sup>10</sup> 112	<sup>10</sup> 7.7	<sup>10</sup> 7.2	<sup>10</sup> 0.5
54	Lincoln, Nebr.	155	152	2.1	845	161	3.5	9.4	-5.9
55	Lorain-Elyria, Ohio.	218	122	5.7	495	240	10.3	8.6	1.7
56	Lowell, Mass.	164	146	0.4	152	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
57	Lubbock, Tex.	156	151	8.0	893	185	18.2	13.0	5.2
58	Lynchburg, Va.	111	193	21.3	1,014	119	7.1	6.4	0.7
59	McAllen-Pharr-Edinburg, Tex.	181	136	0.4	1,543	202	11.5	14.0	-2.6
60	Macon, Ga.	180	137	31.0	634	201	11.6	9.4	2.2

See notes on pp. 938-940.

WITH POPULATION BELOW 250,000

BIRTHS, 1965 <sup>2</sup>			DEATHS, 1965 <sup>2</sup>			Mar- riages, 1964 <sup>2</sup>	VOTE CAST FOR PRESIDENT <sup>4</sup> (D—Dem.; R—Rep.)				
Total	Rate <sup>3</sup>	Percent nonwhite	Total	Rate <sup>3</sup>	Percent nonwhite		1964		1960		
							Total	Percent majority party	Total	Percent majority party	
2,400	19.0	—	922	7.3	—	1,248	1,000	28	1,000	27	R-46.8
2,244	25.1	37.3	621	7.0	49.4	739	18	R-70.9	9	D-51.1	2
2,372	17.3	—	1,791	13.1	—	874	51	D-51.8	55	R-64.4	3
3,222	19.2	—	984	5.9	—	1,769	38	R-50.5	33	R-63.2	4
2,748	21.1	—	1,187	9.1	—	1,373	58	D-57.7	59	R-52.3	5
3,798	20.3	10.2	1,167	6.2	9.5	1,840	68	D-62.0	65	R-61.0	6
2,616	18.3	14.1	1,437	10.1	16.8	1,201	51	D-62.0	51	R-54.6	7
3,018	16.8	27.6	2,410	13.4	19.5	1,211	78	D-65.3	77	R-50.9	8
4,650	19.6	35.9	1,923	8.1	39.6	3,227	60	R-64.8	39	R-57.8	9
4,976	20.2	16.6	1,642	6.7	17.1	2,527	64	D-68.9	49	D-54.9	10
5,442	21.3	37.4	1,799	7.0	42.6	1,739	63	R-58.6	56	D-46.6	11
2,260	20.7	—	908	8.3	—	982	42	D-71.3	44	D-52.3	12
1,596	19.0	—	666	7.9	—	507	33	D-52.5	32	R-60.8	13
1,634	18.2	—	928	10.4	—	717	39	D-50.6	39	R-63.9	14
1,808	18.3	—	827	8.4	—	1,144	45	R-56.4	45	R-61.9	15
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,698	120	D-68.1	118	R-51.5	16
5,768	19.5	—	2,979	10.1	—	(NA)	(NA)	(NA)	(NA)	(NA)	17
4,308	28.5	—	1,042	6.9	—	1,318	26	D-62.6	23	D-54.8	18
3,304	22.3	—	1,292	8.7	—	952	62	D-64.7	62	R-55.3	19
2,406	18.0	—	972	7.3	—	1,098	48	D-54.0	45	R-61.2	20
3,222	18.3	—	1,082	6.1	—	1,944	52	D-53.7	49	R-64.9	21
6,534	25.1	30.1	1,854	7.1	36.2	3,493	40	R-64.8	23	D-51.6	22
2,374	19.5	—	1,144	9.4	—	1,088	53	D-66.1	53	R-51.0	23
2,162	24.9	—	950	11.0	—	754	34	D-70.1	35	D-63.3	24
3,266	<sup>5</sup> 19.3	35.1	1,365	<sup>5</sup> 8.5	34.6	1,257	53	D-60.4	46	D-57.5	25
3,746	19.3	—	1,305	6.7	—	1,358	74	D-67.1	69	R-52.5	26
4,134	18.5	—	2,410	10.8	—	1,784	96	D-63.7	100	R-52.8	27
( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	28
2,076	18.9	—	858	7.8	—	871	45	D-57.5	45	R-57.0	29
5,316	27.5	28.3	926	4.8	34.4	858	23	D-60.4	20	D-59.0	30
( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	31
2,996	19.4	2.7	1,486	9.6	1.6	2,182	49	D-52.0	44	R-55.8	32
5,384	20.8	8.4	2,150	8.3	5.5	2,197	100	D-50.5	100	R-60.3	33
1,608	17.2	21.6	861	9.2	22.4	727	22	R-59.1	22	D-55.6	34
3,058	19.4	27.4	1,326	8.4	26.5	1,444	43	D-71.0	41	D-58.6	35
1,790	21.9	—	619	7.6	—	623	27	D-65.9	26	D-54.1	36
3,454	25.3	—	1,093	8.0	—	944	52	D-59.3	53	D-50.2	37
3,934	18.9	6.1	1,591	7.6	4.9	1,455	74	D-57.4	79	R-58.7	38
5,424	24.2	19.6	1,359	6.1	27.1	1,783	33	R-50.6	22	D-70.1	39
2,624	19.1	—	1,320	9.6	—	1,329	49	D-57.3	56	R-62.1	40
5,384	21.5	52.6	1,954	7.8	45.9	2,060	50	R-89.2	34	R-35.2	41
3,398	18.7	—	1,388	7.7	—	1,591	68	D-59.9	67	R-63.5	42
2,594	22.7	—	989	8.7	—	656	45	D-67.3	43	D-53.4	43
2,516	25.6	33.2	702	7.2	28.6	723	27	D-53.9	23	D-62.3	44
2,078	21.6	—	739	7.7	—	743	39	D-51.5	39	R-63.5	45
2,854	21.2	29.9	1,053	7.8	30.4	863	40	D-57.7	38	D-64.4	46
2,592	34.2	—	424	5.6	—	830	11	D-90.1	12	D-84.8	47
5,366	23.2	15.2	1,393	6.0	10.1	36,701	65	D-63.0	42	D-56.8	48
( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	49
2,454	24.8	16.9	511	5.1	12.5	1,053	22	D-63.1	20	R-52.8	50
<sup>9</sup> 1,822	<sup>9</sup> 20.0	—	<sup>9</sup> 1,055	<sup>9</sup> 11.6	—	<sup>9</sup> 707	<sup>9</sup> 38	<sup>9</sup> D-80.2	<sup>9</sup> 41	<sup>9</sup> D-64.0	51
3,398	21.3	16.1	1,262	7.9	20.8	1,085	44	D-57.3	42	R-60.4	52
3,454	<sup>10</sup> 19.9	—	1,665	<sup>10</sup> 9.4	—	1,268	65	D-51.8	70	R-63.3	53
3,316	20.6	—	1,333	8.3	—	1,221	58	D-59.1	60	R-62.6	54
5,106	21.3	7.6	2,012	8.4	7.3	1,510	82	D-67.6	83	D-52.5	55
( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	56
4,486	24.3	11.1	1,040	5.6	10.3	1,873	39	D-55.9	36	R-56.4	57
2,172	18.3	28.7	1,152	9.7	24.1	870	31	R-58.7	22	R-52.9	58
5,556	27.6	—	1,116	5.5	—	1,561	34	D-65.5	32	D-57.6	59
4,496	22.3	38.0	1,670	8.3	42.4	1,267	54	R-59.3	31	D-60.0	60

TABLE 2. METROPOLITAN AREAS—SMSA'S

	SMSA	EMPLOYMENT AND PAY- ROLLS, 1965 (social se- curity coverage) <sup>1</sup>			HOUSING UNITS, 1960 <sup>2</sup>		NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PER- MITS, 1966 <sup>3</sup>			
		Re- porting units	Em- ploy- ees, mid- March pay period	Tax- able pay- rolls, Jan- uary-March	Total	In- crease, 1950- 1960	Total	In structures with		Valua- tion, total
								1 unit	5 units or more	
						Per- cent		Per- cent	Per- cent	Mil. dol.
1	Abilene, Tex.....	2,673	25,042	1,000	24,873	45.5	234	92.3	2.1	4.5
2	Albany, Ga.....	1,494	17,287	16,266	20,980	73.4	451	69.0	6.2	4.6
3	Altoona, Pa.....	2,273	29,744	30,715	43,561	6.4	221	84.6	8.1	2.9
4	Amarillo, Tex.....	3,549	35,549	38,635	46,900	65.2	440	87.0	11.1	8.4
5	Anderson, Ind.....	1,994	42,900	64,641	40,678	23.6	531	90.6	2.3	7.7
6	Ann Arbor, Mich.....	2,948	53,876	83,385	51,408	40.4	3,936	27.3	71.3	47.0
7	Asheville, N.C.....	2,730	39,517	38,330	42,390	19.0	347	65.4	33.4	3.9
8	Atlantic City, N.J.....	3,925	41,037	41,131	64,601	32.9	1,386	54.7	44.0	12.5
9	Augusta, Ga.-S.C.....	3,368	54,625	60,943	63,570	41.1	1,550	71.2	25.6	13.9
10	Austin, Tex.....	4,845	49,710	45,340	65,439	42.4	3,396	34.1	58.6	47.7
11	Baton Rouge, La.....	4,142	62,432	78,411	66,059	43.8	2,657	64.5	29.1	31.6
12	Bay City, Mich.....	1,813	23,600	50,645	32,295	22.3	417	89.9	1.4	6.9
13	Billings, Mont.....	2,059	18,720	22,632	25,833	46.2	267	63.7	29.2	3.8
14	Bloomington-Normal, Ill.....	1,875	22,500	25,568	27,812	17.5	430	70.9	17.9	6.0
15	Boise City, Idaho.....	2,457	24,409	29,834	30,782	33.8	163	74.2	-	2.5
16	Brockton, Mass. SEA.....	4,763	51,275	52,858	95,684	29.4	(NA)	(NA)	(NA)	(NA)
17	Broekton, Mass. SMSA.....	(NA)	(NA)	(NA)	45,983	(NA)	925	87.2	9.5	10.0
18	Brownsville-Harlingen-San Benito, Tex.....	2,422	23,282	17,645	42,083	24.3	207	93.2	-	1.7
19	Cedar Rapids, Iowa.....	2,827	48,789	64,384	43,825	33.8	1,051	79.4	15.9	13.3
20	Champaign-Urbana, Ill.....	2,428	24,749	26,827	38,352	38.4	353	31.7	62.0	3.9
21	Colorado Springs, Colo.....	3,129	30,296	33,581	48,177	83.6	1,864	72.2	20.9	20.9
22	Columbus, Ga.-Ala.....	3,234	45,008	42,183	59,063	35.1	1,011	89.1	6.6	14.0
23	Decatur, Ill.....	2,211	37,011	47,741	39,478	25.4	481	76.9	7.3	9.2
24	Dubuque, Iowa.....	1,630	24,180	31,354	22,007	15.8	427	67.0	32.1	5.1
25	Durham, N.C.....	2,746	44,718	44,974	44,412	25.7	1,201	49.2	38.0	15.2
26	Eugene, Oreg.....	3,970	46,099	59,579	52,042	26.7	2,222	50.9	38.2	26.9
27	Evansville, Ind.-Ky.....	4,446	69,551	83,088	74,013	12.8	849	69.3	25.3	9.7
28	Fall River, Mass.-R.I.....	(14)	(14)	(14)	47,368	12.6	511	91.0	7.4	6.8
29	Fargo-Moorehead, N. Dak.- Minn.....	2,448	24,720	27,656	31,904	28.5	546	39.6	56.2	7.6
30	Fayetteville, N.C.....	2,080	23,020	19,689	36,531	67.2	317	74.1	21.8	4.7
31	Fitchburg-Leominster, Mass.....	(15)	(15)	(15)	28,970	(NA)	222	89.2	9.0	2.5
32	Fort Smith, Ark.-Okla.....	2,813	30,794	28,989	47,747	8.5	341	81.8	16.4	5.8
33	Fort Wayne, Ind.....	4,430	89,525	122,106	72,722	28.8	1,966	40.1	55.0	26.1
34	Gadsden, Ala.....	1,418	20,775	27,050	30,068	13.8	189	89.4	10.6	1.8
35	Galveston-Texas City, Tex.....	2,698	38,536	44,574	51,003	36.0	382	78.3	11.5	5.0
36	Great Falls, Mont.....	1,551	15,590	18,599	24,086	45.8	170	85.9	4.7	2.0
37	Green Bay, Wis.....	2,636	35,532	44,744	35,524	29.4	1,022	78.1	8.4	15.2
38	Hamilton-Middletown, Ohio.....	2,825	48,982	74,055	58,544	38.8	1,225	51.8	33.5	17.4
39	Huntsville, Ala.....	2,720	43,502	59,862	44,013	53.2	1,354	91.3	6.6	15.6
40	Jackson, Mich.....	2,338	36,717	50,941	41,160	23.8	568	98.9	-	8.5
41	Jackson, Miss.....	4,462	56,199	58,485	62,095	33.8	1,004	54.3	41.5	11.1
42	Kalamazoo, Mich.....	3,102	53,263	73,142	52,437	35.0	2,202	36.6	60.5	28.7
43	Kenosha, Wis.....	1,646	31,969	45,036	33,643	32.4	404	60.4	38.1	5.4
44	Lafayette, La.....	1,962	20,377	22,883	23,642	50.7	355	96.1	-	6.4
45	Lafayette-West Lafayette, Ind.....	1,590	23,454	29,070	26,374	28.1	533	53.3	46.3	6.8
46	Lake Charles, La.....	2,248	26,249	31,052	43,469	62.5	320	74.4	19.1	5.6
47	Larado, Tex.....	1,027	10,200	6,980	17,200	21.8	167	92.2	6.0	0.9
48	Las Vegas, Nev.....	3,991	60,330	87,687	43,302	165.7	636	94.8	1.4	10.9
49	Lawrence-Haverhill, Mass.- N.H.....	(16)	(16)	(16)	66,572	(NA)	1,086	64.9	28.2	12.9
50	Lawton, Okla.....	1,340	10,446	8,921	24,697	49.4	374	98.1	-	5.3
51	Lewiston-Auburn, Maine.....	1,782	17,243	17,239	23,478	(NA)	210	81.0	15.2	2.8
52	Lexington, Ky.....	3,248	45,816	53,189	40,263	44.3	1,760	53.2	41.6	21.9
53	Lima, Ohio.....	3,024	40,794	51,312	49,835	16.8	191	96.3	18	3.0
54	Lincoln, Nebr.....	3,113	41,855	44,227	50,522	36.1	598	78.4	14.0	7.8
55	Lorain-Elyria, Ohio.....	3,169	56,395	83,931	62,349	44.8	1,005	81.3	13.9	16.7
56	Lowell, Mass.....	(16)	(16)	(16)	51,007	(NA)	1,526	69.9	18.5	16.5
57	Lubbock, Tex.....	4,163	40,320	41,597	49,307	56.7	1,849	33.4	60.6	20.1
58	Lynchburg, Va.....	2,118	37,573	39,799	31,865	21.9	688	77.0	23.0	8.6
59	McAllen-Pharr-Edinburg, Tex.....	2,550	20,893	16,114	47,711	15.1	500	91.0	3.2	3.7
60	Macon, Ga.....	3,341	38,712	37,627	53,813	38.5	1,154	67.8	8.5	11.6

See notes on pp. 938-940.



## WITH POPULATION BELOW 250,000—Continued

BANK DEPOSITS, 1966 <sup>4 5</sup>			Savings and loan associa- tions, savings capital, 1964 <sup>6</sup>	Median income in 1959 of all families, 1960 <sup>7</sup>	PUBLIC ASSISTANCE, 1966 <sup>8</sup>			CRIMES, 1965 <sup>10</sup>			Median years of school com- pleted, 1960 <sup>11 12</sup>		
Total	De- mand	Time			Recipi- ents, old-age assist- ance	Payments		Total	Rate per 100,000 population				
						Total <sup>9</sup>	Old-age assist- ance		Total	Against persons		Against property	
<i>Mil. dol.</i>	<i>Per- cent</i>	<i>Per- cent</i>	<i>Mil. dol.</i>	<i>Dol- lars</i>		<i>1,000</i>	<i>Per- cent</i>	<i>1,000</i>					
167	48.8	32.7	61	5,063	2,504	221	91.0	1.8	1,352.6	75.3	1,277.3	11.7	1
83	39.5	43.0	26	4,401	1,355	139	55.2	(NA)	(NA)	(NA)	(NA)	10.5	2
135	42.9	44.3	51	5,141	599	215	21.5	0.8	563.0	30.8	532.2	10.0	3
279	43.6	28.1	80	5,820	1,449	115	91.0	2.8	1,546.1	173.0	1,373.1	12.1	4
106	49.7	29.1	115	6,332	291	75	46.4	(NA)	(NA)	(NA)	(NA)	10.6	5
289	33.0	49.3	82	6,890	553	208	24.4	3.1	1,626.7	176.0	1,450.7	12.2	6
157	40.1	48.9	46	4,419	1,105	168	40.3	2.0	1,439.0	176.7	1,262.3	10.4	7
264	38.4	47.8	88	5,176	1,016	524	17.0	4.0	2,303.1	153.3	2,149.8	9.7	8
249	35.3	37.9	107	4,485	3,048	374	51.8	(NA)	(NA)	(NA)	(NA)	9.6	9
431	32.6	28.4	139	5,058	4,641	488	81.7	4.5	1,821.7	364.1	1,457.7	11.7	10
475	33.7	28.0	124	5,830	5,256	628	72.1	5.3	2,065.4	186.9	1,878.5	11.9	11
144	28.4	58.8	50	6,041	534	209	30.9	1.0	955.1	85.2	869.9	10.0	12
169	38.1	43.9	34	6,150	330	113	27.4	(NA)	(NA)	(NA)	(NA)	12.2	13
161	47.6	35.4	87	5,595	433	140	17.2	(NA)	(NA)	(NA)	(NA)	11.5	14
182	44.6	33.5	88	5,868	485	158	24.7	(NA)	(NA)	(NA)	(NA)	12.2	15
382	22.0	70.4	130	6,103	2,182	851	27.3	4.7	1,689.7	121.5	1,568.1	12.0	16
243	23.0	70.1	(NA)	6,117	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11.6	17
104	44.3	35.3	37	3,216	2,665	283	69.4	1.7	1,037.7	139.2	898.6	7.9	18
243	43.4	35.3	81	6,359	696	184	34.2	1.0	691.7	31.4	660.3	12.1	19
194	48.5	32.7	56	5,741	288	152	9.0	1.1	784.7	90.2	694.6	12.3	20
202	46.4	30.9	42	5,514	2,150	447	49.4	2.3	1,317.1	100.5	1,216.6	12.3	21
190	42.8	39.0	68	4,292	3,594	349	63.7	3.1	1,227.3	86.3	1,140.9	9.6	22
204	41.0	35.6	83	5,943	596	293	9.6	1.6	1,274.7	80.8	1,193.9	11.1	23
147	35.8	52.3	19	6,026	520	121	51.2	(NA)	(NA)	(NA)	(NA)	10.4	24
177	42.4	34.9	114	4,730	1,269	373	23.9	<sup>13</sup> 1.6 <sup>13</sup>	<sup>13</sup> 1,288.8	<sup>13</sup> 349.9	939.0	10.1	25
201	40.5	44.2	8	5,946	638	277	17.5	2.2	1,185.0	71.3	1,113.8	12.0	26
363	37.3	35.3	198	5,117	1,606	296	46.0	4.1	1,802.5	157.6	1,645.0	9.9	27
244	17.5	78.7	( <sup>14</sup> )	5,204	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	( <sup>14</sup> )	8.6	28
212	33.5	49.1	144	5,852	663	192	18.6	0.8	716.5	25.6	691.1	12.0	29
77	50.4	36.3	53	3,809	778	247	22.3	2.1	1,159.5	367.2	792.2	11.1	30
179	19.5	74.4	( <sup>15</sup> )	5,896	( <sup>15</sup> )	( <sup>15</sup> )	( <sup>15</sup> )	(NA)	(NA)	(NA)	(NA)	10.4	31
170	48.3	32.8	82	3,462	5,699	845	48.9	1.6	931.6	156.0	775.6	9.0	32
481	37.9	46.3	112	6,562	862	197	40.4	3.3	1,314.3	137.4	1,176.8	11.7	33
84	40.5	34.3	19	4,387	2,959	262	81.3	(NA)	(NA)	(NA)	(NA)	9.3	34
200	38.8	29.9	81	5,375	1,689	165	74.5	3.4	2,196.8	594.4	1,602.5	10.3	35
142	39.3	44.5	42	6,032	407	142	22.0	(NA)	(NA)	(NA)	(NA)	12.1	36
222	30.8	58.1	44	6,016	456	130	38.1	0.7	546.4	38.7	507.7	10.6	37
205	44.2	36.8	168	6,566	1,478	282	48.9	(NA)	(NA)	(NA)	(NA)	10.2	38
152	56.4	26.8	44	4,795	4,056	364	78.6	(NA)	(NA)	(NA)	(NA)	10.2	39
189	34.3	44.8	52	6,421	725	394	16.5	1.8	1,293.7	194.3	1,099.4	10.9	40
503	36.4	29.0	133	4,643	4,702	343	56.9	(NA)	(NA)	(NA)	(NA)	11.6	41
278	30.9	52.4	149	6,526	788	326	16.4	2.7	1,503.9	183.0	1,320.8	11.7	42
115	31.4	58.4	34	6,916	580	213	40.7	1.2	1,098.2	40.7	1,057.4	10.2	43
100	58.7	14.5	80	4,483	2,456	316	62.6	(NA)	(NA)	(NA)	(NA)	10.6	44
173	34.8	42.8	28	6,041	196	35	52.4	(NA)	(NA)	(NA)	(NA)	12.2	45
115	59.9	16.1	70	5,167	3,436	458	65.1	1.5	932.7	123.2	809.4	10.2	46
61	41.3	38.3	8	2,952	1,443	141	70.3	(NA)	(NA)	(NA)	(NA)	6.4	47
333	37.7	43.5	381	7,010	934	200	35.3	5.9	2,332.3	215.7	2,116.8	12.1	48
518	14.3	78.8	( <sup>16</sup> )	6,051	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	( <sup>16</sup> )	10.8	49
70	46.5	29.0	19	4,624	1,164	216	39.9	1.5	1,306.1	228.0	1,078.1	11.9	50
156	17.1	78.3	<sup>17</sup> 12	5,248	<sup>17</sup> 1,021	<sup>17</sup> 178	<sup>17</sup> 43.9	(NA)	(NA)	(NA)	(NA)	9.0	51
261	42.6	36.8	54	5,377	1,393	183	46.9	3.9	2,549.3	222.8	2,326.5	11.2	52
195	41.0	46.4	95	5,447	1,226	193	62.9	(NA)	(NA)	(NA)	(NA)	11.0	53
284	35.6	34.4	155	5,798	743	180	48.2	1.8	1,047.3	77.8	969.5	12.3	54
299	21.8	65.6	85	6,241	990	267	35.1	2.2	912.5	101.5	811.0	11.0	55
297	19.6	70.8	( <sup>18</sup> )	6,158	( <sup>18</sup> )	( <sup>18</sup> )	( <sup>18</sup> )	( <sup>18</sup> )	( <sup>18</sup> )	( <sup>18</sup> )	( <sup>18</sup> )	10.8	56
308	39.7	33.1	80	5,425	1,874	172	87.6	3.5	1,943.8	205.8	1,738.1	11.6	57
164	33.4	57.1	62	4,992	345	92	25.5	1.1	907.6	173.6	734.1	9.0	58
116	46.0	30.7	30	2,780	3,990	431	68.9	(NA)	(NA)	(NA)	(NA)	6.3	59
191	43.3	34.0	92	5,157	3,350	400	56.3	3.4	1,718.4	246.2	1,472.1	10.0	60

TABLE 2. METROPOLITAN AREAS—SMSA'S

	SMSA	LOCAL GOVERNMENTS, 1962 <sup>1</sup>				MANUFACTURES, 1964 <sup>2</sup>			MANUFACTURES, 1963 <sup>3</sup>	
		Number		General revenue	Direct general expenditure	Em- ployees, annual average	Payroll, entire year	Value added	Employees	
		Total	With prop- erty- taxing power						Annual aver- age	Index of change (1958 =100)
				\$1,000	\$1,000	1,000	Mil. dol.	Mil. dol.	1,000	
1	Abilene, Tex.....	35	30	18,294	17,301	3	14	33	3.4	95
2	Albany, Ga.....	6	3	11,408	12,075	5	21	45	4.7	43
3	Altoona, Pa.....	74	49	18,741	21,476	13	60	128	11.7	112
4	Amarillo, Tex.....	14	12	32,607	31,705	4	23	43	4.0	109
5	Anderson, Ind.....	61	52	19,713	19,757	27	188	369	26.2	112
6	Ann Arbor, Mich.....	50	49	33,352	32,923	27	206	493	25.8	137
7	Asheville, N.C.....	9	7	19,375	19,214	17	76	161	16.5	135
8	Atlantic City, N.J.....	46	42	43,704	40,392	9	37	100	8.7	122
9	Augusta, Ga.-S.C.....	25	20	31,362	33,034	25	141	335	25.2	107
10	Austin, Tex.....	35	32	33,591	41,230	6	27	50	5.9	117
11	Baton Rouge, La.....	6	5	38,746	45,687	15	116	379	15.3	80
12	Bay City, Mich.....	53	52	17,786	16,806	10	67	117	9.6	103
13	Billings, Mont.....	48	30	15,525	16,288	3	16	65	2.5	94
14	Bloomington-Normal, Ill.....	103	86	15,950	15,597	5	28	74	4.6	104
15	Boise City, Idaho.....	34	29	15,461	15,094	3	14	33	2.8	107
16	Brockton, Mass. SEA.....	39	33	62,472	62,006	19	90	154	19.4	100
17	Brockton, Mass. SMSA.....	13	11	32,912	31,035	16	74	128	15.9	101
18	Brownsville-Harlingen-San Benito, Tex.....	55	50	22,225	22,514	5	15	43	4.8	117
19	Cedar Rapids, Iowa.....	47	46	29,466	31,727	25	166	347	23.8	125
20	Champaign-Urbana, Ill.....	158	90	23,427	23,590	4	25	45	3.3	123
21	Colorado Springs, Colo.....	54	50	32,634	33,388	4	23	45	3.7	111
22	Columbus, Ga.-Ala.....	15	12	26,906	27,161	15	62	138	14.3	84
23	Decatur, Ill.....	90	51	23,286	21,093	15	105	234	14.0	100
24	Dubuque, Iowa.....	40	39	10,494	10,226	11	77	142	10.9	103
25	Durham, N.C.....	8	7	25,047	27,043	14	64	232	14.0	100
26	Eugene, Oreg.....	70	63	38,299	39,286	18	112	200	18.3	129
27	Evansville, Ind.-Ky.....	60	50	36,971	36,987	27	161	358	26.2	97
28	Fall River, Mass.-R.I.....	9	8	27,802	26,259	22	85	131	23.4	99
29	Fargo-Moorehead, N. Dak.-Minn.....	181	173	23,356	22,839	2	13	27	2.3	84
30	Fayetteville, N.C.....	9	7	17,182	19,059	4	17	35	4.0	106
31	Fitchburg-Leominster, Mass.....	8	6	18,696	20,245	17	100	171	17.5	103
32	Fort Smith, Ark.-Okla.....	129	117	15,586	15,095	13	51	112	12.3	127
33	Fort Wayne, Ind.....	50	42	41,395	41,163	37	265	473	36.1	108
34	Gadsden, Ala.....	17	13	12,323	11,475	10	68	155	9.6	82
35	Galveston-Texas City, Tex.....	28	26	35,923	38,176	10	75	388	9.5	87
36	Great Falls, Mont.....	47	45	18,029	17,075	3	17	46	2.9	103
37	Green Bay, Wis.....	58	57	26,176	28,100	14	86	205	13.5	110
38	Hamilton-Middletown, Ohio.....	39	37	39,217	36,780	27	205	347	26.2	85
39	Huntsville, Ala.....	20	15	20,765	21,723	16	113	143	13.3	196
40	Jackson, Mich.....	55	53	28,813	31,372	17	118	209	16.5	111
41	Jackson, Miss.....	23	20	37,737	43,433	11	52	112	11.6	104
42	Kalamazoo, Mich.....	43	42	33,804	35,578	26	183	400	25.9	103
43	Kenosha, Wis.....	43	41	24,533	27,387	22	143	299	22.5	145
44	Lafayette, La.....	12	11	10,579	11,557	2	10	20	1.7	104
45	Lafayette-West Lafayette, Ind.....	35	29	13,026	12,603	8	59	104	8.1	101
46	Lake Charles, La.....	23	21	24,983	30,036	7	52	158	7.9	99
47	Laredo, Tex.....	11	9	8,379	7,449	1	3	5	0.9	97
48	Las Vegas, Nev.....	18	11	40,204	46,185	4	24	79	3.9	159
49	Lawrence-Haverhill, Mass.-N.H.....	14	10	41,079	41,822	40	211	353	42.0	117
50	Lawton, Okla.....	26	25	10,871	10,713	1	5	9	1.0	122
51	Lewiston-Auburn, Maine.....	7	3	7,122	8,301	11	45	75	12.5	96
52	Lexington, Ky.....	9	4	17,908	17,759	12	76	180	11.0	141
53	Lima, Ohio.....	110	106	27,285	29,030	20	125	294	20.0	114
54	Lincoln, Nebr.....	85	83	30,537	27,336	9	45	102	9.1	105
55	Lorain-Elyria, Ohio.....	56	54	40,101	43,071	31	226	565	29.8	121
56	Lowell, Mass.....	12	11	34,459	34,964	22	106	195	21.1	111
57	Lubbock, Tex.....	17	15	24,830	30,162	6	29	71	5.4	130
58	Lynchburg, Va.....	8	6	14,491	15,191	19	94	169	18.0	114
59	McAllen-Pharr-Edinburg, Tex.....	59	51	31,639	34,958	3	9	26	2.7	97
60	Macon, Ga.....	12	9	29,145	29,986	11	52	131	11.1	101

See notes on pp. 938-940.

## WITH POPULATION BELOW 250,000—Continued

MANUFACTURES, 1963 <sup>3</sup> —Con.				RETAIL TRADE, 1963 <sup>4</sup>					SELECTED SERVICES, 1963 <sup>5</sup>				
Value added		Establishments		Establishments		Sales, total	Paid employees, Nov. 15 work-week	Payroll entire year	Establishments		Re-ceipts, total	Paid employees	
Total	Change, 1958-1963	Total	With 20 or more employees	Total	With payroll				Total	With payroll			
Mil. dol.	Percent		Percent		Percent	Mil. dol.	1,000	Mil. dol.		Percent	Mil. dol.	1,000	
34	13.3	110	30.0	1,218	75.5	168	6	18	886	50.8	20	1.9	1
39	59.4	79	45.6	687	74.0	99	4	11	400	55.0	13	1.3	2
116	38.0	147	40.1	1,340	68.5	168	6	17	712	43.3	19	1.5	3
42	2.1	172	21.5	1,525	77.4	267	9	29	1,130	53.3	37	3.3	4
346	61.5	148	31.8	1,104	76.1	182	6	19	814	35.6	14	1.2	5
485	153.7	245	32.7	1,325	80.5	265	9	29	913	45.5	29	2.5	6
147	106.7	166	38.6	1,256	71.3	194	7	21	795	57.7	27	2.4	7
98	151.3	276	33.0	2,545	70.5	289	12	36	1,632	58.1	89	6.9	8
322	48.2	191	46.6	1,894	64.8	249	9	26	1,005	50.0	27	3.0	9
47	41.3	243	24.7	1,902	74.6	285	12	35	1,376	56.7	48	5.3	10
365	22.5	170	40.6	1,564	80.3	317	11	35	947	59.0	41	4.0	11
123	37.3	176	30.1	1,044	72.2	142	5	14	598	41.8	13	1.1	12
46	38.0	101	21.8	814	76.2	134	5	16	535	52.1	18	1.7	13
69	51.1	93	33.3	871	75.9	136	5	14	600	40.0	22	1.4	14
31	41.2	158	26.6	988	75.3	151	5	18	749	45.0	24	2.0	15
150	14.9	537	35.2	2,671	71.8	359	13	42	1,417	44.4	32	2.3	16
120	20.8	404	38.4	1,413	68.2	213	8	25	768	42.7	19	1.6	17
37	68.9	125	29.6	1,262	74.3	130	6	15	642	56.1	15	1.6	18
322	51.0	197	33.0	1,181	73.8	214	8	26	811	48.7	28	2.6	19
40	63.7	99	30.3	992	79.8	190	7	23	897	37.3	21	1.8	20
35	34.3	147	21.8	1,293	78.7	212	8	26	1,080	59.1	43	3.5	21
128	28.3	173	37.6	1,730	71.1	229	8	24	903	55.9	28	3.3	22
201	39.5	127	49.6	1,010	75.6	179	6	20	758	42.5	20	2.0	23
127	28.0	120	35.8	810	72.3	112	4	13	455	42.4	11	0.9	24
220	3.4	164	38.4	1,368	67.8	189	7	23	765	52.2	26	2.5	25
184	51.6	511	29.2	1,468	77.9	267	8	31	1,073	48.2	32	2.5	26
350	27.0	298	40.6	2,144	70.5	291	12	33	1,447	44.0	39	3.6	27
145	29.5	349	56.2	1,495	65.8	165	6	19	823	40.5	15	1.4	28
29	32.8	99	26.3	985	78.1	168	6	20	585	51.8	19	1.9	29
29	42.0	92	39.1	1,049	70.4	169	6	18	625	60.6	20	2.3	30
168	33.0	289	42.6	892	74.0	120	4	14	493	42.0	14	1.1	31
104	72.2	237	39.7	1,476	69.6	177	6	17	858	49.4	18	1.8	32
430	48.5	366	36.6	1,802	77.0	368	14	45	1,373	49.6	52	4.6	33
149	10.6	104	25.0	906	64.2	98	3	10	480	43.3	8	1.0	34
342	26.7	96	30.2	1,451	70.8	163	6	18	914	49.2	22	2.4	35
38	-2.8	62	41.9	651	81.6	127	4	17	412	54.9	15	1.2	36
186	53.1	275	31.3	1,372	69.1	180	7	21	608	54.3	24	2.0	37
376	18.0	195	43.6	1,621	73.6	244	8	28	1,039	40.7	25	2.1	38
118	170.4	118	38.1	1,364	66.1	231	7	22	715	53.8	36	3.4	39
194	29.0	284	36.6	1,146	74.2	171	5	18	813	42.4	20	1.9	40
111	27.5	250	36.0	1,717	73.6	266	9	29	1,121	52.7	51	5.6	41
361	30.0	307	43.3	1,309	79.5	247	9	28	930	47.7	31	2.5	42
364	122.5	119	36.1	971	73.2	131	5	16	474	46.0	12	1.0	43
15	19.5	73	27.4	781	74.4	110	4	12	449	64.4	22	1.4	44
103	23.0	88	39.8	668	84.7	140	5	17	572	40.6	17	1.6	45
150	23.3	95	34.7	1,110	75.5	146	5	15	634	49.8	16	1.5	46
5	24.0	41	24.4	565	69.9	80	4	8	231	59.3	6	1.0	47
70	85.2	110	31.8	1,500	79.2	383	12	48	1,501	64.2	302	23.2	48
365	36.2	476	40.5	2,039	69.5	269	10	33	1,183	43.5	39	2.7	49
8	34.9	41	34.1	666	82.9	99	4	11	362	64.6	11	1.5	50
76	10.3	189	35.4	705	75.3	103	4	12	450	41.3	11	1.0	51
159	106.0	145	43.4	1,228	76.2	229	9	28	841	50.5	39	3.9	52
275	54.4	228	38.6	1,630	73.0	222	7	22	1,057	36.4	22	1.9	53
86	20.2	168	36.3	1,139	78.2	229	10	28	928	47.0	38	3.7	54
542	108.3	267	33.7	1,768	75.5	258	8	27	1,119	40.7	26	2.2	55
169	46.2	298	45.6	1,290	73.0	202	8	25	701	42.4	17	1.4	56
61	36.9	243	24.7	1,566	78.5	289	10	32	1,117	58.6	41	3.7	57
164	95.0	216	36.1	955	73.4	144	6	17	600	48.0	14	1.7	58
18	25.5	139	20.1	1,575	67.2	153	6	16	802	49.4	15	1.5	59
118	39.1	212	39.6	1,557	72.9	234	8	26	898	55.7	31	3.1	60



TABLE 2. METROPOLITAN AREAS—SMSA's

SMSA		POPULATION AND AREA <sup>1</sup>							
		Population, Apr. 1, 1960			Land area, 1960	Population estimates, July 1, 1965	Percent change, 1960 to 1965		
		Total	Rank	Nonwhite			Total	Natural increase	Net migration
		1,000		Percent	Sq. mi.	1,000			
1	Madison, Wis.....	222	119	1.2	1,199	260	17.2	10.3	6.9
2	Manchester, N.H. SEA.....	178	(X)	0.3	893	205	15.3	6.8	8.5
3	Manchester, N.H. SMSA.....	103	198	0.3	140	(NA)	(NA)	(NA)	(NA)
4	Mansfield, Ohio.....	118	190	5.9	496	126	7.1	7.1	(Z)
5	Meriden, Conn.....	52	228	1.8	24	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
6	Midland, Tex.....	68	225	9.3	939	67	-1.7	9.6	-11.2
7	Monroe, La.....	102	199	32.2	638	112	9.8	9.5	0.3
8	Montgomery, Ala.....	200	127	37.6	1,414	207	3.7	7.3	-3.6
9	Muncie, Ind.....	111	191	5.3	398	117	5.1	7.5	-2.3
10	Muskegon-Muskegon Heights, Mich.....	150	157	8.7	501	153	1.9	8.8	-6.9
11	New Bedford, Mass. SEA.....	398	(X)	1.3	554	411	3.1	4.6	-1.6
12	New Bedford, Mass. SMSA.....	143	165	2.9	142	(NA)	(NA)	(NA)	(NA)
13	New Britain, Conn.....	129	180	2.2	87	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
14	New London-Groton-Norwich, Conn.....	171	141	3.1	370	216	16.1	9.3	6.9
15	Newport News-Hampton, Va.....	225	117	28.0	255	272	21.3	11.3	10.0
16	Norwalk, Conn.....	97	202	6.0	69	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
17	Odessa, Tex.....	91	206	5.4	907	93	2.0	10.3	-8.3
18	Ogden, Utah.....	111	192	2.7	581	120	8.7	10.3	-1.5
19	Oxnard-Ventura, Calif.....	199	128	3.3	1,863	318	59.5	11.8	47.7
20	Pensacola, Fla.....	203	125	19.0	1,697	224	10.1	11.7	-1.6
21	Pine Bluff, Ark.....	81	216	43.6	873	86	5.8	7.4	-1.6
22	Pittsfield, Mass. SEA.....	142	(X)	1.1	941	144	1.5	5.5	-4.0
23	Pittsfield, Mass. SMSA.....	77	219	1.3	140	(NA)	(NA)	(NA)	(NA)
24	Portland, Maine SEA.....	183	(X)	0.5	879	197	7.7	5.9	1.8
25	Portland, Maine SMSA.....	139	169	0.5	236	(NA)	(NA)	(NA)	(NA)
26	Provo-Orem, Utah.....	107	196	0.5	2,014	118	10.6	11.4	-0.8
27	Pueblo, Colo.....	119	188	2.2	2,405	119	0.5	7.6	-7.1
28	Racine, Wis.....	142	166	3.9	337	160	12.6	8.7	3.9
29	Raleigh, N.C.....	169	143	26.1	864	195	15.2	8.5	6.7
30	Reno, Nev.....	85	213	4.1	6,375	113	33.2	8.9	24.3
31	Roanoke, Va.....	159	150	12.7	303	173	8.9	5.4	3.6
32	Rockford, Ill.....	230	114	3.8	802	247	7.5	8.4	-0.9
33	Saginaw, Mich.....	191	132	10.0	814	208	9.0	8.9	0.1
34	St. Joseph, Mo.....	91	208	2.9	404	95	4.7	4.0	0.8
35	Salem, Oreg.....	147	161	0.8	1,901	172	16.5	5.0	11.6
36	Salinas-Monterey, Calif.....	198	131	9.0	3,324	222	11.8	9.4	2.4
37	San Angelo, Tex.....	65	227	5.0	1,535	73	13.3	8.4	4.9
38	Santa Barbara, Calif.....	169	144	3.7	2,738	243	44.1	10.7	33.4
39	Savannah, Ga.....	188	134	34.1	445	192	1.9	8.3	-6.5
40	Scranton, Pa.....	235	112	0.4	454	226	-3.6	1.4	-5.1
41	Sherman-Denison, Tex.....	73	223	8.9	940	(NA)	(NA)	(NA)	(NA)
42	Sioux City, Iowa-Nebr.....	120	187	1.9	1,127	114	-4.8	6.4	-11.2
43	Sioux Falls, S. Dak.....	87	211	0.7	813	94	9.0	9.7	-0.8
44	Springfield, Ill.....	147	162	4.1	879	153	4.6	5.9	-1.3
45	Springfield, Mo.....	126	182	2.0	677	140	11.0	5.1	5.9
46	Springfield, Ohio.....	131	177	9.4	402	147	12.1	6.2	5.8
47	Stamford, Conn.....	178	138	5.2	121	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
48	Steubenville-Weirton, Ohio-W. Va.....	168	145	4.4	582	170	1.1	5.1	-4.0
49	Stockton, Calif.....	250	111	9.9	1,415	273	9.4	5.7	3.6
50	Tallahassee, Fla.....	74	221	32.9	670	83	11.4	9.2	2.2
51	Terre Haute, Ind.....	172	140	3.0	1,499	167	-2.7	2.6	-5.3
52	Texarkana, Tex.-Ark.....	92	205	24.6	1,514	100	9.5	5.7	3.8
53	Topeka, Kans.....	141	167	7.3	548	149	5.6	9.4	-3.8
54	Tuscaloosa, Ala.....	109	194	28.7	1,338	118	8.5	7.5	1.0
55	Tyler, Tex.....	86	212	27.1	934	93	8.2	6.6	1.6
56	Vallejo-Napa, Calif.....	200	126	9.0	1,613	239	19.4	8.7	10.6
57	Waco, Tex.....	150	156	16.1	1,030	156	4.2	6.4	-2.2
58	Waterbury, Conn.....	186	135	4.1	217	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
59	Waterloo, Iowa.....	122	185	4.1	568	124	1.5	8.8	-7.4
60	West Palm Beach, Fla.....	228	116	22.9	2,023	281	23.3	5.6	17.7
61	Wheeling, W. Va.-Ohio.....	190	133	2.4	945	188	-1.4	3.1	-4.5
62	Wichita Falls, Tex.....	130	179	7.0	1,524	130	0.1	8.8	-8.8
63	Wilmington, N.C.....	92	204	29.5	1,067	95	3.3	6.4	-3.1

See notes on pp. 938-940.

WITH POPULATION BELOW 250,000—Continued

BIRTHS, 1965 <sup>2</sup>			DEATHS, 1965 <sup>2</sup>			Mar- riages, 1964 <sup>2</sup>	VOTE CAST FOR PRESIDENT <sup>4</sup> (D—Dem.; R—Rep.)			
Total	Rate <sup>3</sup>	Percent nonwhite	Total	Rate <sup>3</sup>	Percent nonwhite		1964		1960	
							Total	Percent majority party	Total	Percent majority party
5,576	21.4	—	1,843	7.1	—	1,649	1,000		1,000	
4,296	20.9	—	2,153	10.5	—	2,244	95	D-71.4	91	D-52.0
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	90	D-67.1	91	D-57.6
2,514	19.9	—	1,093	8.7	—	1,042	44	D-56.8	47	R-58.2
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	(NA)	(NA)	(NA)	(NA)	(NA)
1,230	18.5	—	336	5.0	—	622	21	R-57.8	18	R-64.3
2,502	22.4	43.6	1,015	9.1	38.4	749	25	R-83.4	19	R-54.6
4,072	19.7	51.6	1,940	9.4	43.5	1,923	38	R-77.1	28	R-49.2
2,464	21.1	—	1,096	9.4	—	1,203	49	D-58.5	50	R-52.7
3,078	20.1	13.7	1,271	8.3	7.2	1,456	59	D-62.3	62	R-53.0
7,944	19.3	—	4,918	12.0	—	3,720	187	D-78.7	195	D-66.8
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	(NA)	(NA)	(NA)	(NA)	(NA)
7 5,034	7 23.3	—	7 1,873	7 8.7	—	(NA)	(NA)	(NA)	(NA)	(NA)
6,272	23.0	30.3	1,729	6.4	37.6	1,801	55	D-59.0	37	R-52.9
( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	(NA)	(NA)	(NA)	(NA)	(NA)
1,824	19.7	—	518	5.6	—	798	22	R-51.4	21	R-53.9
2,488	20.7	—	858	7.1	—	1,044	50	D-59.5	47	D-52.1
6,664	21.0	—	1,913	6.0	—	1,770	98	D-58.8	71	D-50.0
5,388	24.1	22.6	1,658	7.4	21.9	1,894	67	R-57.0	54	D-51.6
1,832	21.3	50.7	854	9.9	52.1	663	23	D-56.0	15	D-55.4
2,574	17.8	—	1,567	10.9	—	929	64	D-75.9	69	D-59.9
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3,808	19.3	—	2,138	10.9	—	1,681	73	D-69.5	81	R-58.5
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,786	23.5	—	726	6.1	—	1,118	45	D-53.4	43	R-54.0
2,234	18.7	—	983	8.2	—	939	49	D-72.0	49	D-56.4
3,426	21.5	—	1,320	8.3	—	921	59	D-63.7	60	D-50.7
3,796	19.5	32.7	1,443	7.4	33.1	1,305	54	D-58.4	44	D-58.6
2,452	21.7	—	953	8.4	—	24,631	39	D-52.4	34	R-55.2
2,936	17.0	13.4	1,667	9.6	13.3	1,209	48	D-50.2	38	R-64.1
5,176	20.9	—	2,041	8.3	—	2,646	98	D-53.9	99	R-56.7
4,672	22.5	14.8	1,713	8.2	7.4	1,651	74	D-61.6	74	R-55.7
1,704	18.0	—	1,290	13.6	—	777	36	D-67.8	41	R-52.6
2,728	15.9	—	1,582	9.2	—	1,113	63	D-62.7	61	R-58.5
4,754	21.4	10.7	1,583	7.1	7.6	2,815	65	D-61.8	59	R-56.3
1,348	18.4	—	563	7.7	—	680	16	D-59.4	15	R-53.6
4,684	19.2	—	1,669	6.9	—	1,998	86	D-55.9	68	R-56.7
4,032	21.0	39.0	1,856	9.7	42.4	1,022	56	R-58.8	34	R-52.5
3,384	15.0	—	3,245	14.4	—	1,613	120	D-73.7	130	D-61.7
1,264	(NA)	—	871	(NA)	—	753	20	D-72.0	17	D-57.3
2,102	18.4	—	1,250	10.9	—	894	49	D-60.5	54	D-55.2
2,072	22.0	—	752	8.0	—	1,049	38	D-55.5	38	R-60.5
2,996	19.5	—	1,785	11.6	—	1,491	76	D-56.6	77	R-53.6
2,408	17.2	—	1,435	10.2	—	1,175	54	D-55.7	57	R-64.4
2,858	19.4	10.6	1,395	9.5	11.1	1,052	53	D-64.2	53	R-57.7
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	(NA)	(NA)	(NA)	(NA)	(NA)
2,882	17.0	—	1,842	10.9	—	1,360	77	D-73.8	81	D-56.8
4,878	17.8	12.3	2,668	9.8	9.2	1,403	96	D-61.8	92	R-52.9
1,656	20.0	37.6	530	6.4	45.3	507	26	R-58.1	20	D-53.5
2,852	17.0	—	2,268	13.5	—	1,437	79	D-59.7	85	R-50.7
1,786	17.8	34.0	991	9.9	26.2	1,219	27	D-57.8	23	R-59.0
3,198	21.4	10.9	1,228	8.2	9.4	1,203	57	D-54.1	56	R-60.6
2,010	17.0	40.2	900	7.6	37.1	991	19	R-68.7	14	D-58.8
1,660	17.8	37.7	833	8.9	26.8	785	25	R-50.9	21	R-57.8
4,776	20.0	12.7	1,825	7.6	4.8	1,259	81	D-66.9	75	D-54.2
2,808	18.0	21.9	1,484	9.5	18.3	1,441	39	D-72.3	35	D-57.2
( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	(NA)	(NA)	(NA)	(NA)	(NA)
2,658	21.4	—	1,039	8.4	—	739	51	D-60.8	53	R-54.1
4,918	17.5	36.4	3,056	10.9	19.5	2,183	93	R-53.1	75	R-60.3
3,082	16.4	—	2,506	13.4	—	1,446	89	D-68.7	96	D-53.5
2,450	18.9	—	938	7.2	—	1,995	30	D-69.8	29	D-54.5
1,834	19.3	36.6	970	10.2	36.6	492	33	D-51.5	30	D-57.9

TABLE 2. METROPOLITAN AREAS—SMSA's

	SMSA	EMPLOYMENT AND PAY-ROLLS, 1965 (social security coverage) <sup>1</sup>			HOUSING UNITS, 1960 <sup>2</sup>		NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS, 1966 <sup>3</sup>			
		Re- porting units	Em- ploy- ees, mid- March pay period	Tax- able pay- rolls, Jan- uary- March	Total	In- crease, 1950- 1960	Total	In structures with		Valua- tion, total
								1 unit	5 units or more	
				\$1,000		Per- cent		Per- cent	Per- cent	Mil. dol.
1	Madison, Wis.....	4, 961	60, 224	71, 655	67, 207	40.0	2, 129	54.5	37.3	23.5
2	Manchester, N.H. SEA.....	4, 180	65, 225	72, 827	59, 279	17.5	(NA)	(NA)	(NA)	(NA)
3	Manchester, N.H. SMSA.....	(NA)	(NA)	(NA)	33, 350	13 14.4	305	88.9	3.9	4.0
4	Mansfield, Ohio.....	2, 138	38, 854	53, 754	36, 581	34.8	382	80.4	9.2	6.5
5	Meriden, Conn.....	(14)	(14)	(14)	16, 850	(NA)	306	56.5	42.5	3.8
6	Midland, Tex.....	1, 734	19, 560	28, 076	22, 336	172.6	413	63.2	36.8	6.9
7	Monroe, La.....	2, 082	23, 235	24, 273	31, 070	38.9	269	88.8	2.2	4.2
8	Montgomery, Ala.....	3, 515	42, 484	39, 626	58, 901	18.8	942	90.2	4.6	10.6
9	Muncie, Ind.....	2, 027	32, 855	44, 507	35, 294	24.6	64	59.4	37.5	0.8
10	Muskegon-Muskegon Heights, Mich.....	2, 401	42, 562	58, 120	46, 447	20.9	641	80.3	19.7	8.1
11	New Bedford, Mass. SEA.....	7, 673	122, 320	126, 565	133, 675	14.6	(NA)	(NA)	(NA)	(NA)
12	New Bedford, Mass. SMSA.....	(NA)	(NA)	(NA)	51, 570	(NA)	514	96.5	1.9	6.2
13	New Britain, Conn.....	(15)	(15)	(15)	40, 300	(NA)	1, 504	34.5	54.9	11.9
14	New London-Groton- Norwich, Conn.....	13 3, 321	16 59,697	16 87,591	56, 808	(NA)	991	54.7	42.0	11.9
15	Newport News-Hampton, Va.....	3, 252	57, 162	73, 508	64, 472	47.4	2, 192	60.3	36.6	21.2
16	Norwalk, Conn.....	(17)	(17)	(17)	30, 772	(NA)	665	75.2	14.9	15.1
17	Odessa, Tex.....	2, 100	23, 538	30, 320	29, 432	120.3	515	39.2	49.9	6.2
18	Ogden, Utah.....	1, 882	18, 792	20, 013	32, 329	30.9	386	77.2	17.1	6.0
19	Oxnard-Ventura, Calif.....	4, 380	46, 569	64, 280	60, 698	75.7	2, 610	80.2	16.8	55.0
20	Pensacola, Fla.....	3, 205	41, 329	47, 554	60, 929	60.8	1, 486	73.6	24.5	18.4
21	Pine Bluff, Ark.....	1, 370	15, 726	15, 815	24, 929	9.4	318	64.8	34.0	2.6
22	Pittsfield, Mass. SEA.....	2, 674	41, 603	53, 914	48, 690	16.7	(NA)	(NA)	(NA)	(NA)
23	Pittsfield, Mass. SMSA.....	(NA)	(NA)	(NA)	24, 486	18 19.5	316	62.3	36.4	4.5
24	Portland, Maine SEA.....	4, 257	55, 159	60, 259	68, 217	15.8	(NA)	(NA)	(NA)	(NA)
25	Portland, Maine SMSA.....	(NA)	(NA)	(NA)	48, 062	19 9.4	621	72.5	12.4	8.8
26	Provo-Orem, Utah.....	1, 633	20, 290	26, 016	28, 561	30.0	753	53.8	31.3	8.0
27	Pueblo, Colo.....	1, 820	22, 821	28, 815	34, 680	35.7	521	81.0	13.8	5.3
28	Racine, Wis.....	2, 658	44, 047	59, 198	43, 895	28.7	1, 626	71.0	14.0	27.1
29	Raleigh, N.C.....	3, 827	49, 514	50, 464	48, 920	41.6	2, 030	55.3	28.6	26.4
30	Reno, Nev.....	2, 849	30, 739	40, 276	29, 675	72.7	699	67.0	30.2	11.6
31	Roanoke, Va.....	3, 254	53, 513	56, 416	50, 080	31.8	1, 285	67.8	26.3	14.4
32	Rockford, Ill.....	4, 532	83, 544	114, 892	71, 921	37.9	2, 210	53.4	29.3	29.5
33	Saginaw, Mich.....	3, 276	56, 776	88, 223	55, 905	25.7	1, 219	89.3	3.3	19.1
34	St. Joseph, Mo.....	1, 881	25, 572	28, 668	31, 764	7.2	251	92.0	4.0	3.2
35	Salem, Oreg.....	3, 033	28, 036	32, 921	49, 822	18.1	1, 161	72.6	16.5	13.9
36	Salinas-Monterey, Calif.....	4, 157	33, 563	40, 581	57, 478	39.8	1, 474	58.3	32.0	24.8
37	San Angelo, Tex.....	1, 612	13, 946	12, 801	22, 076	21.5	230	77.4	20.9	2.3
38	Santa Barbara, Calif.....	4, 573	49, 531	65, 767	57, 290	72.7	1, 441	58.4	22.6	26.9
39	Savannah, Ga.....	3, 408	45, 379	46, 929	59, 325	26.4	508	81.9	15.7	4.5
40	Scranton, Pa.....	4, 157	62, 344	61, 121	74, 721	0.9	238	77.3	21.0	3.3
41	Sherman-Denison, Tex.....	1, 503	15, 363	14, 676	25, 887	12.4	(NA)	(NA)	(NA)	(NA)
42	Sioux City, Iowa-Nebr.....	2, 668	29, 450	32, 095	39, 169	11.7	321	87.5	12.5	5.0
43	Sioux Falls, S. Dak.....	2, 124	24, 674	28, 764	26, 094	24.1	203	75.4	11.8	2.6
44	Springfield, Ill.....	3, 348	44, 631	52, 772	50, 011	19.5	782	57.0	35.5	11.9
45	Springfield, Mo.....	3, 077	36, 125	36, 889	44, 062	27.5	491	65.0	29.7	4.4
46	Springfield, Ohio.....	2, 095	32, 927	41, 872	40, 901	22.1	1, 026	92.1	6.7	11.7
47	Stamford, Conn.....	(17)	(17)	(17)	55, 079	(NA)	1, 435	51.2	39.4	28.3
48	Steubenville-Weirton, Ohio- W. Va.....	2, 513	50, 136	77, 528	50, 629	14.3	322	73.3	16.1	4.7
49	Stockton, Calif.....	5, 177	49, 418	64, 001	80, 697	31.4	1, 595	66.6	15.5	21.8
50	Tallahassee, Fla.....	1, 599	13, 885	12, 975	21, 103	52.6	885	57.3	39.4	10.1
51	Terre Haute, Ind.....	3, 129	34, 908	39, 576	61, 018	5.0	60	86.7	-	1.2
52	Texarkana, Tex.-Ark.....	1, 736	17, 578	16, 389	32, 209	9.7	235	80.0	20.0	2.6
53	Topeka, Kans.....	2, 775	35, 239	40, 521	46, 015	35.7	1, 281	37.0	55.9	14.8
54	Tuscaloosa, Ala.....	1, 594	17, 356	19, 410	29, 623	27.0	583	55.1	43.9	6.7
55	Tyler, Tex.....	2, 071	23, 926	25, 228	28, 708	24.6	224	100.0	-	4.6
56	Vallejo-Napa, Calif.....	3, 491	28, 441	34, 377	63, 070	34.9	2, 347	59.1	29.3	30.0
57	Waco, Tex.....	3, 131	35, 526	35, 426	50, 493	25.7	318	77.4	19.5	4.8
58	Waterbury, Conn.....	(14)	(14)	(14)	58, 560	20 29.3	1, 271	57.4	35.3	14.9
59	Waterloo, Iowa.....	2, 283	36, 337	45, 976	37, 347	24.7	763	57.1	36.8	8.5
60	West Palm Beach, Fla.....	6, 385	68, 205	76, 600	89, 396	92.2	4, 267	35.1	55.5	52.7
61	Wheeling, W. Va.-Ohio.....	3, 383	43, 501	52, 270	62, 782	5.8	162	86.4	9.3	2.5
62	Wichita Falls, Tex.....	3, 060	25, 917	26, 108	40, 943	38.5	314	57.0	42.4	4.3
63	Wilmington, N.C.....	1, 897	21, 795	19, 283	31, 194	20.5	501	38.1	56.3	4.3

See notes on pp. 938-940.



## WITH POPULATION BELOW 250,000--Continued

BANK DEPOSITS, 1966 <sup>4 5</sup>			Savings and loan associa- tions, savings capital, 1964 <sup>6</sup>	Median income in 1959 of all famili- es, 1960 <sup>7</sup>	PUBLIC ASSISTANCE, 1966 <sup>8</sup>			CRIMES, 1965 <sup>10</sup>			Median years of school com- pleted, 1960 <sup>11 12</sup>		
Total	De- mand	Time			Recipi- ents, old-age assist- ance	Payments		Total	Rate per 100,000 population				
						Total <sup>9</sup>	Old-age assist- ance		Total	Against persons			Against property
<i>Mil. dol.</i>	<i>Per- cent</i>	<i>Per- cent</i>	<i>Mil. dol.</i>	<i>Dol- lars</i>		<i>1,000</i>	<i>Per- cent</i>	<i>1,000</i>					
361	43.8	44.0	181	6,518	1,198	510	39.5	2.2	844.9	26.9	818.0	12.3	1
590	15.0	76.1	126	5,885	1,272	307	45.8	1.2	592.2	30.2	561.9	10.0	2
424	11.6	80.8	(NA)	5,835	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9.7	3
214	30.8	50.2	40	6,344	748	162	47.1	(NA)	(NA)	(NA)	(NA)	10.8	4
119	19.3	71.9	(14)	6,610	(14)	(14)	(14)	(14)	(14)	(14)	(14)	10.0	5
205	53.2	25.9	61	6,936	524	51	85.3	(NA)	(NA)	(NA)	(NA)	12.4	6
154	36.8	34.4	82	4,367	4,481	552	74.2	0.9	767.4	237.5	530.0	9.8	7
272	39.9	41.3	26	4,506	4,851	416	85.4	(NA)	(NA)	(NA)	(NA)	11.0	8
159	40.2	35.1	113	5,806	398	79	55.9	1.8	1,502.8	77.1	1,425.7	10.8	9
198	30.0	53.0	49	6,048	639	394	15.5	2.5	1,612.1	245.7	1,366.4	10.4	10
782	17.5	77.7	113	5,415	5,512	1,824	27.7	6.6	1,578.3	109.6	1,468.7	8.9	11
344	15.2	81.0	(NA)	5,217	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.6	12
346	16.3	74.3	(15)	6,691	(15)	(15)	(15)	(15)	(15)	(15)	(15)	10.0	13
372	16.8	78.3	16 50	6,361	16 498	16 411	16 9.7	16 2.2	1,030.1	16 54.1	16 976.0	10.9	14
199	39.9	45.4	26	5,748	376	150	19.5	4.1	1,545.5	227.9	1,317.5	10.2	15
292	23.3	71.2	(17)	8,002	(17)	(17)	(17)	(17)	(17)	(17)	(17)	12.1	16
93	52.7	20.6	38	6,128	669	60	32.9	(NA)	(NA)	(NA)	(NA)	11.4	17
190	24.9	35.2	59	6,313	454	252	11.8	1.3	1,080.7	103.1	977.6	12.2	18
317	36.0	48.2	135	6,466	3,246	1,075	27.6	5.4	1,785.8	127.6	1,658.3	11.6	19
157	42.4	34.6	52	5,109	4,238	530	52.1	4.5	1,920.6	206.0	1,714.6	10.7	20
112	36.6	34.2	36	3,671	2,278	215	69.1	(NA)	(NA)	(NA)	(NA)	9.2	21
365	16.0	77.5	139	6,121	1,392	560	26.1	0.9	623.2	44.2	579.0	11.1	22
225	16.1	75.2	(NA)	6,486	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11.9	23
410	25.4	64.7	64	5,477	1,615	333	39.3	1.9	995.4	68.6	937.3	11.9	24
271	25.7	63.7	(NA)	5,636	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12.0	25
103	32.3	53.2	-	5,536	497	257	15.0	0.7	587.2	29.5	557.9	12.2	26
119	39.9	37.9	41	5,450	2,783	553	48.0	1.4	1,135.7	157.8	978.0	10.2	27
230	37.1	47.8	90	6,722	549	239	30.1	1.8	1,183.4	227.7	960.6	10.5	28
394	32.6	26.1	99	4,880	1,452	355	29.0	3.1	1,649.8	329.6	1,320.1	11.4	29
264	37.7	40.9	99	7,197	752	92	61.8	(NA)	(NA)	(NA)	(NA)	12.2	30
288	35.6	43.2	85	5,224	689	182	28.6	2.3	1,248.3	171.3	1,077.5	10.3	31
411	36.5	42.9	119	6,631	442	309	6.4	2.5	959.6	83.4	871.1	10.8	32
316	27.4	57.3	116	5,983	874	467	19.6	2.9	1,440.4	273.2	1,167.0	10.2	33
176	37.6	44.9	39	5,414	1,700	203	65.1	(NA)	(NA)	(NA)	(NA)	9.9	34
229	30.9	49.8	67	5,523	991	357	19.6	1.9	1,110.4	83.4	1,027.1	11.4	35
345	30.4	54.3	189	5,770	2,444	883	25.1	(NA)	(NA)	(NA)	(NA)	11.9	36
115	43.6	35.5	44	4,634	1,604	141	87.7	(NA)	(NA)	(NA)	(NA)	10.9	37
393	35.5	47.2	287	6,823	2,282	822	28.8	4.3	1,784.8	113.2	1,666.6	12.2	38
233	38.4	44.2	51	4,247	3,358	429	47.6	3.9	1,945.7	404.2	1,541.6	10.4	39
419	26.0	64.0	35	4,896	1,553	722	15.0	1.5	674.4	59.2	624.2	9.9	40
118	38.1	42.9	17	4,264	2,905	259	93.3	(NA)	(NA)	(NA)	(NA)	10.1	41
231	36.2	38.6	70	5,503	1,120	267	42.9	1.5	1,271.1	60.4	1,210.9	11.3	42
176	38.6	40.7	52	5,702	608	127	39.5	(NA)	(NA)	(NA)	(NA)	12.0	43
333	31.4	50.1	87	5,939	666	257	11.1	1.9	1,242.0	106.9	1,135.0	11.1	44
166	51.2	31.7	98	4,801	3,309	376	68.9	1.6	1,147.8	64.3	1,083.5	10.8	45
169	35.1	50.1	108	5,825	1,491	208	64.1	1.2	893.6	49.0	844.5	10.8	46
654	27.6	63.7	(17)	8,745	(17)	(17)	(17)	(17)	(17)	(17)	(17)	12.3	47
198	30.0	57.3	70	6,098	1,026	243	38.1	1.2	690.3	111.2	579.2	9.8	48
484	27.6	59.5	169	5,889	6,667	2,296	28.3	6.3	2,334.0	223.9	2,110.0	10.0	49
101	37.2	21.9	63	5,173	1,425	178	51.9	(NA)	(NA)	(NA)	(NA)	11.9	50
239	36.1	46.9	64	4,979	1,736	285	59.2	1.9	1,106.6	63.6	1,043.2	10.5	51
115	39.3	37.7	24	3,817	3,660	310	83.7	0.9	843.0	126.8	716.2	9.4	52
281	34.5	22.9	279	5,931	713	291	21.3	1.8	1,183.1	164.1	1,019.0	12.1	53
82	45.7	32.0	41	4,274	3,157	300	73.9	(NA)	(NA)	(NA)	(NA)	9.7	54
147	48.3	24.5	76	4,603	3,097	253	90.3	(NA)	(NA)	(NA)	(NA)	10.7	55
304	25.8	59.3	53	6,262	2,672	1,076	24.3	3.0	1,279.2	86.0	1,193.2	11.7	56
214	38.6	37.5	105	4,634	4,071	330	93.4	3.1	1,937.9	202.9	1,734.9	10.3	57
470	20.7	70.5	(14)	6,912	(14)	(14)	(14)	(14)	(14)	(14)	(14)	10.7	58
137	44.5	35.1	99	6,396	726	200	33.7	1.2	921.1	77.1	844.0	12.0	59
439	45.6	31.8	293	4,784	2,557	347	48.5	5.1	1,862.3	340.8	1,521.5	11.3	60
238	36.2	47.9	109	5,162	1,513	269	42.7	1.0	561.7	62.1	499.6	9.5	61
271	38.5	40.1	69	5,276	2,093	201	86.7	2.2	1,496.0	335.7	1,160.3	11.4	62
77	50.7	36.5	94	3,933	855	214	27.4	(NA)	(NA)	(NA)	(NA)	9.8	63

TABLE 2. METROPOLITAN AREAS—SMSA'S

	SMSA	LOCAL GOVERNMENTS, 1962 <sup>1</sup>				MANUFACTURES, 1964 <sup>2</sup>			MANUFACTURES, 1963 <sup>3</sup>	
		Number		General revenue	Direct general expenditure	Em- ployees, annual average	Payroll, entire year	Value added	Employees	
		Total	With prop- erty- taxing power						Annual average	Index of change (1958= 100)
				\$1,000	\$1,000	1,000	Mil. dol.	Mil. dol.	1,000	
1	Madison, Wis.	178	174	59,070	67,759	14	90	148	13.5	109
2	Manchester, N.H. SEA	69	66	28,008	31,274	34	167	267	34.7	107
3	Manchester, N.H. SMSA	66	64	13,210	14,142	16	73	102	16.9	92
4	Mansfield, Ohio	39	37	23,415	25,244	20	140	311	21.0	107
5	Meriden, Conn.	2	1	9,122	10,974	8	49	84	7.4	84
6	Midland, Tex.	4	4	13,675	14,200	(Z)	3	4	0.5	111
7	Monroe, La.	7	6	15,238	18,993	6	30	70	5.7	96
8	Montgomery, Ala.	12	9	23,665	23,244	8	35	72	7.6	105
9	Muncie, Ind.	40	33	18,214	19,321	16	111	217	16.7	111
10	Muskegon-Muskegon Heights, Mich.	63	61	31,868	30,891	25	168	322	25.1	107
11	New Bedford, Mass. SEA	41	33	82,643	81,399	73	329	595	74.0	100
12	New Bedford, Mass. SMSA	11	9	30,598	29,680	26	111	191	25.4	96
13	New Britain, Conn.	9	7	23,940	23,678	31	200	325	29.8	95
14	New London-Groton- Norwich, Conn.	28	26	25,184	30,264	29	210	345	30.1	128
15	Newport News-Hampton, Va.	7	5	35,201	40,090	25	174	221	24.7	143
16	Norwalk, Conn.	9	7	23,574	28,047	18	116	195	17.6	124
17	Odessa, Tex.	5	5	22,410	21,085	2	15	74	2.2	117
18	Ogden, Utah	26	24	22,980	22,569	5	29	52	4.6	100
19	Oxnard-Ventura, Calif.	81	78	71,256	77,971	8	51	92	19.4	111
20	Pensacola, Fla.	14	11	32,893	38,283	13	77	238	13.1	105
21	Pine Bluff, Ark.	31	17	7,829	7,546	5	27	83	5.1	131
22	Pittsfield, Mass. SEA	45	41	33,772	33,308	24	150	249	23.9	109
23	Pittsfield, Mass. SMSA	47	45	17,232	17,780	16	107	191	16.1	113
24	Portland, Maine SEA	28	28	29,249	31,406	16	80	153	16.1	105
25	Portland, Maine SMSA	9	9	19,580	20,032	13	66	128	12.4	97
26	Provo-Orem, Utah	34	27	17,254	17,473	7	53	141	6.9	94
27	Pueblo, Colo.	24	19	26,761	26,154	9	59	102	8.8	91
28	Racine, Wis.	64	56	38,291	39,031	24	168	327	22.2	105
29	Raleigh, N.C.	16	13	26,986	31,938	10	44	89	8.9	122
30	Reno, Nev.	11	7	23,433	28,376	2	13	26	2.1	111
31	Roanoke, Va.	4	4	25,844	24,239	16	84	163	14.7	103
32	Rockford, Ill.	116	110	43,557	46,642	46	301	558	43.9	108
33	Saginaw, Mich.	71	69	35,091	46,520	27	215	465	25.8	122
34	St. Joseph, Mo.	20	16	12,913	13,683	10	58	109	10.5	95
35	Salem, Oreg.	118	108	21,632	22,661	9	46	94	8.9	111
36	Salinas-Monterey, Calif.	90	88	52,319	58,294	5	30	77	5.2	122
37	San Angelo, Tex.	17	17	10,416	9,918	2	9	23	2.0	92
38	Santa Barbara, Calif.	67	66	59,008	63,220	8	57	78	7.8	199
39	Savannah, Ga.	14	9	27,395	25,539	15	79	218	14.8	101
40	Scranton, Pa.	87	79	29,296	31,361	30	122	209	29.0	106
41	Sherman-Denison, Tex.	41	33	10,126	10,912	6	27	62	5.7	112
42	Sioux City, Iowa-Nebr.	80	73	23,097	25,989	7	41	78	7.5	90
43	Sioux Falls, S. Dak.	155	154	15,850	14,595	6	38	74	6.1	100
44	Springfield, Ill.	99	94	27,342	24,918	12	72	158	11.6	104
45	Springfield, Mo.	17	17	17,798	16,886	11	54	122	11.1	128
46	Springfield, Ohio	31	29	25,748	25,843	17	100	184	16.4	125
47	Stamford, Conn.	11	7	47,499	48,952	23	165	284	23.9	123
48	Steubenville-Weirton, Ohio-W. Va.	64	62	24,474	24,696	30	222	439	28.6	96
49	Stockton, Calif.	163	124	89,293	90,661	14	91	237	14.4	113
50	Tallahassee, Fla.	4	3	11,873	13,504	2	6	12	1.6	87
51	Terre Haute, Ind.	113	98	32,615	38,679	12	66	158	11.5	94
52	Texarkana, Tex.-Ark.	47	36	10,749	10,513	6	27	50	5.6	186
53	Topeka, Kans.	62	61	31,202	32,059	6	42	111	6.6	107
54	Tuscaloosa, Ala.	7	5	14,371	13,724	8	42	78	7.8	99
55	Tyler, Tex.	18	17	12,911	13,454	8	37	73	7.2	130
56	Vallejo-Napa, Calif.	83	76	51,582	57,137	5	30	61	4.5	101
57	Waco, Tex.	41	37	22,245	24,692	9	50	111	9.5	107
58	Waterbury, Conn.	10 16	10 14	31,382	30,359	38	234	448	37.7	101
59	Waterloo, Iowa	36	35	24,173	24,108	19	128	250	18.3	101
60	West Palm Beach, Fla.	64	45	59,144	56,735	12	75	143	11.9	347
61	Wheeling, W. Va.-Ohio	61	55	24,336	25,133	16	98	199	15.6	91
62	Wichita Falls, Tex.	28	23	20,788	23,685	3	17	31	3.2	97
63	Wilmington, N.C.	14	12	14,430	14,802	7	25	51	6.3	112

See notes on pp. 938-940.

## WITH POPULATION BELOW 250,000—Continued

MANUFACTURES, 1963 <sup>3</sup> —Con.				RETAIL TRADE, 1963 <sup>4</sup>					SELECTED SERVICES, 1963 <sup>5</sup>				
Value added		Establishments		Establishments		Sales, total	Paid employees, Nov. 15 work-week	Payroll entire year	Establishments		Receipts, total	Paid employees	
Total	Change, 1958–1963	Total	With 20 or more employees	Total	With payroll				Total	With payroll			
Mil. dol.	Per-cent		Per-cent		Per-cent	Mil. dol.	1,000	Mil. dol.		Per-cent	Mil. dol.	1,000	
139	37.9	305	27.2	2,040	80.4	344	14	42	1,189	56.4	45	4.1	1
258	36.2	449	44.8	1,810	72.0	272	9	29	1,159	46.2	33	3.0	2
121	22.6	213	46.0	969	71.9	156	6	17	635	49.9	23	2.1	3
299	32.5	170	37.1	1,133	73.0	170	6	18	756	39.9	19	1.7	4
77	20.7	127	33.9	530	68.3	70	2	8	257	44.0	6	0.4	5
6	31.4	42	19.0	581	76.2	100	3	12	477	56.0	16	1.4	6
66	20.5	132	25.8	901	76.7	138	5	15	428	62.1	14	1.6	7
62	33.4	202	37.1	1,612	70.5	238	9	26	863	56.7	33	3.5	8
222	43.7	185	37.3	1,003	79.1	153	6	18	661	44.9	18	1.6	9
303	43.7	228	41.2	1,221	78.5	190	6	19	797	43.3	20	1.6	10
556	27.6	1,085	48.4	4,194	66.6	501	18	56	2,402	42.8	56	4.5	11
169	15.3	309	48.5	1,573	67.5	180	7	21	902	44.1	22	1.7	12
307	27.7	372	31.5	1,245	66.7	168	6	20	635	49.0	16	1.6	13
314	65.0	212	42.9	1,735	70.5	263	8	23	696	50.9	23	1.9	14
208	65.0	147	42.9	1,533	79.9	282	10	31	1,016	48.2	27	3.1	15
183	60.4	278	41.0	1,073	73.5	179	5	20	648	51.2	24	1.8	16
64	131.3	124	23.4	811	76.3	137	4	15	722	55.4	28	2.0	17
52	17.2	118	44.9	839	80.2	162	6	20	586	47.1	17	1.6	18
78	40.4	187	28.9	1,998	76.9	338	12	39	1,299	53.5	45	3.5	19
246	37.5	135	30.4	1,750	69.7	242	8	26	1,061	51.7	27	2.8	20
74	150.3	77	40.3	724	72.4	86	3	9	346	57.8	9	0.9	21
245	26.0	208	36.5	1,400	75.3	209	7	24	852	48.6	28	2.2	22
189	31.0	97	46.4	702	77.2	126	4	16	450	48.9	14	1.1	23
151	23.5	330	31.2	1,711	78.7	267	10	30	1,248	54.6	46	3.3	24
127	16.5	221	35.3	1,281	79.1	220	8	25	878	55.1	37	2.8	25
142	24.8	115	27.0	830	76.4	115	4	12	502	42.6	11	0.9	26
99	0.3	86	29.1	946	75.3	134	5	16	530	47.2	13	1.1	27
282	34.2	323	35.0	1,337	73.8	187	7	21	674	49.6	20	1.7	28
82	63.4	199	32.2	1,740	64.1	247	9	29	1,124	47.5	33	3.6	29
27	50.0	114	25.4	897	83.1	195	6	25	1,062	58.6	137	13.1	30
129	26.7	185	42.7	1,350	76.0	239	9	29	925	55.2	37	3.5	31
495	36.4	584	39.0	1,960	73.9	352	12	40	1,347	40.3	49	3.7	32
405	82.9	246	36.2	1,580	75.4	258	9	27	846	47.3	29	2.2	33
103	9.1	109	51.4	904	75.9	127	5	16	585	48.0	16	1.5	34
105	46.5	320	23.4	1,402	72.9	215	7	27	752	48.9	21	1.7	35
71	60.2	172	28.5	1,972	81.4	288	9	35	1,224	57.8	49	4.0	36
19	44.1	91	24.2	777	68.9	96	3	10	491	52.7	12	1.1	37
63	101.0	218	26.6	1,904	80.4	366	12	47	1,493	55.7	73	6.1	38
214	23.6	206	35.9	1,577	70.8	218	8	24	932	52.8	28	3.0	39
190	19.0	492	53.7	2,910	52.7	278	9	28	1,451	34.7	30	2.7	40
62	53.1	95	47.4	826	73.8	96	3	9	523	48.8	11	1.0	41
78	16.3	174	33.3	1,149	80.3	182	7	21	780	46.4	24	2.0	42
74	16.5	88	42.0	837	81.4	138	5	17	504	54.4	16	1.3	43
117	17.4	143	35.0	1,476	75.2	244	9	29	1,182	40.8	33	3.1	44
118	50.9	188	36.7	1,389	71.6	197	7	22	961	49.8	28	2.5	45
177	38.5	199	38.2	1,098	74.5	175	6	19	735	41.8	19	1.7	46
283	51.1	369	36.9	1,846	73.1	333	10	40	1,215	54.2	55	4.1	47
428	21.3	135	49.6	1,577	70.8	174	6	18	814	36.1	21	1.9	48
223	50.8	353	34.0	2,474	77.2	387	13	46	1,634	50.1	53	3.5	49
12	26.3	73	24.7	658	77.5	103	4	12	413	55.4	14	1.4	50
137	27.0	213	32.4	1,897	68.5	257	9	30	1,161	37.5	23	1.9	51
55	198.0	91	31.9	972	67.9	115	5	13	554	48.4	12	1.3	52
101	35.1	135	32.6	1,186	78.8	196	8	24	722	56.8	27	2.4	53
72	—18.9	102	40.2	831	66.5	106	4	11	384	57.8	12	1.4	54
71	79.0	101	41.6	863	68.0	119	4	13	596	49.3	16	1.6	55
47	3.0	141	29.8	1,747	78.8	275	9	33	1,095	50.9	30	2.2	56
112	23.0	175	40.0	1,591	71.0	188	8	20	973	52.5	22	2.4	57
422	39.8	468	36.3	1,869	69.9	260	8	29	848	46.5	25	2.4	58
224	32.8	161	34.2	1,105	76.3	166	6	19	636	46.5	22	2.1	59
139	437.5	306	21.2	2,960	74.1	428	15	49	2,184	51.2	77	6.6	60
190	26.4	188	43.6	1,950	69.8	222	8	24	1,015	43.1	23	2.2	61
30	2.7	136	27.2	1,287	76.4	174	6	19	931	55.5	24	2.4	62
43	44.4	133	34.6	1,041	63.5	114	4	11	626	46.0	14	1.5	63



## Notes

### Pages 898 and 899

- Represents zero. NA Not available. X Not applicable. Z Less than 0.05 percent. <sup>1</sup> Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960, Vol. I. Characteristics of the Population; and Current Population Reports, Series P-25, Estimates of the Population of Standard Metropolitan Statistical Areas, 1965*. <sup>2</sup> Source: Department of Health, Education, and Welfare, National Center for Health Statistics, records. <sup>3</sup> Per 1,000 residing in area July 1, 1965. <sup>4</sup> Source: Governmental Affairs Institute, *America at the Polls*, University of Pittsburgh Press, 1965 (copyright). <sup>5</sup> Marriage licenses issued. <sup>6</sup> Excludes Harford County added March 1967. <sup>7</sup> Excludes Kaufman County added March 1967. <sup>8</sup> Excludes Shelby and Walker Counties added March 1967. <sup>9</sup> Excludes Randolph and Yadkin Counties added March 1967. <sup>10</sup> Excludes Boone County added March 1967. <sup>11</sup> Excludes Saline County added March 3, 1967.

### Pages 900 and 901

NA Not available. <sup>1</sup> Source: Department of Commerce, Bureau of the Census; *County Business Patterns, 1965*. <sup>2</sup> Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings Statistics for States and Areas, 1939-65*. <sup>3</sup> Source: Department of Labor; *Manpower Report of the President*, April 1967. <sup>4</sup> Preliminary (11 month) average. <sup>5</sup> Excludes Harford County added March 1967. <sup>6</sup> Excludes Shelby and Walker Counties added March 1967. <sup>7</sup> Excludes San Patricio County added July 1965. <sup>8</sup> Excludes Kaufman County added March 1967 and Rockwall County added April 1967. <sup>9</sup> Includes only city of Duluth in St. Louis County. <sup>10</sup> Excludes Forsyth, Randolph, and Yadkin Counties added March 1967. <sup>11</sup> Includes Somers, Stafford, and Tolland towns in Tolland County not included in SMSA. <sup>12</sup> Includes Somers, Stafford, and Tolland towns in Tolland County not included in SMSA. Excludes Andover and Coventry towns in Tolland County and Cromwell town in Middlesex County included in SMSA. <sup>13</sup> Excludes Brazoria, Fort Bend, Liberty, and Montgomery Counties added March 1965. <sup>14</sup> Excludes Boone County added March 1967. <sup>15</sup> Includes that part of Oak Ridge in Roane County not part of SMSA. <sup>16</sup> Excludes Saline County added March 1967.

### Pages 902 and 903

- Represents zero. NA Not available. <sup>1</sup> Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960, Vol. I, States and Smaller Areas*. <sup>2</sup> Source: Department of Commerce, Bureau of the Census; *Construction Reports, C42-65-13, Housing Authorized in Permit-Issuing Places: Summary, and Construction Reports, C40/C42-66-13, Housing Authorized by Building Permits and Public Contracts—1966, States, Standard Metropolitan Statistical Areas, and Individual Places*. <sup>3</sup> Source: Department of Housing and Urban Development, Federal Housing Administration; *FHA Homes, 1965*. <sup>4</sup> Source: Federal Deposit Insurance Corporation; *National Summary of Accounts and Deposits in all Commercial Banks June 30, 1966; and Summary of Accounts and Deposits in all Mutual Savings Banks June 30, 1966*. <sup>5</sup> Comprises commercial and mutual savings banks. <sup>6</sup> Source: Board of Governors of the Federal Reserve System; Report No. G-6, *Bank Debts and Deposit Turnover*. <sup>7</sup> Source: Federal Home Loan Bank Board, records. <sup>8</sup> Excludes Harford County added March 1967. <sup>9</sup> Excludes Shelby and Walker Counties added March 1967. <sup>10</sup> Excludes San Patricio County added July 1965. <sup>11</sup> Excludes Kaufman County added March 1967 and Rockwall County added April 1967. <sup>12</sup> Excludes Randolph and Yadkin Counties added March 1967. <sup>13</sup> Figure shown is average in lieu of median. <sup>14</sup> Excludes Brazoria, Fort Bend, Liberty, and Montgomery Counties added March 1965. <sup>15</sup> Excludes Boone County added March 1967. <sup>16</sup> Excludes Saline County added March 1967.

### Pages 904 and 905

NA Not available. Z Less than 500. <sup>1</sup> Source: Department of Commerce, Office of Business Economics; Vol. 47, No. 5, *Survey of Current Business*. <sup>2</sup> Source: Treasury Department, Internal Revenue Service; *Statistics of Income 1965: Individual Income Tax Returns*. <sup>3</sup> Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960, Vol. I, Characteristics of the Population*, and Bureau of the Census report, *Characteristics of Families Residing in Poverty Areas Within Large Metropolitan Areas*. <sup>4</sup> Excludes Portage County added October 1963. <sup>5</sup> Excludes Harford County added March 1967. <sup>6</sup> Excludes the \$600-\$1,000 class. <sup>7</sup> Excludes Shelby and Walker Counties added March 1967. <sup>8</sup> Excludes Sherborn town in Middlesex County and Millis town in Norfolk County added October 1963. <sup>9</sup> Excludes Easton town in Fairfield County added October 1963. <sup>10</sup> Excludes Union County added October 1963. <sup>11</sup> Excludes Geauga and Medina Counties added October 1963. <sup>12</sup> Excludes Delaware and Pickaway Counties added October 1963. <sup>13</sup> Excludes San Patricio County added July 1965. <sup>14</sup> Excludes Kaufman County added March 1967 and Rockwall County added April 1967. <sup>15</sup> Excludes Henry County, Ill., added October 1963. <sup>16</sup> Excludes Preble County added October 1963. <sup>17</sup> Excludes Lapeer County added October 1963. <sup>18</sup> Excludes Ottawa County added October 1963. <sup>19</sup> Excludes Randolph and Yadkin Counties added March 1967. <sup>20</sup> Excludes Perry County added October 1963. <sup>21</sup> Excludes Granby and East Granby towns in Hartford County and Andover, Bolton, Ellington, and Coventry towns in Tolland County added October 1963. <sup>22</sup> Excludes Brazoria, Fort Bend, Liberty, and Montgomery Counties added March 1965. <sup>23</sup> Excludes Boone County added March 1967. <sup>24</sup> Excludes Hamilton, Hancock, Hendricks, Johnson, Morgan, and Shelby Counties added October 1963; and Boone County added March 3, 1967. <sup>25</sup> Excludes Cass and Platte Counties, Mo., added October 1963.

### Pages 906 and 907

- Represents zero. NA Not available. <sup>1</sup> Source: Department of Health, Education, and Welfare, Welfare Administration; *Recipients of Public Assistance and Total Assistance Payments, by Program, State and County, June 1966*. <sup>2</sup> Also includes payments to the blind, medical assistance for the aged, and general assistance, not shown separately. <sup>3</sup> Source: Department of Health, Education, and Welfare, Social Security Administration; *Old-Age, Survivors, Disability, and Health Insurance Monthly Benefits by State and County of Beneficiary's Residence, Dec. 31, 1966*. <sup>4</sup> Source: Department of Justice, Federal Bureau of Investigation; *Crime in the United States, Uniform Crime Reports—1965*. <sup>5</sup> Excludes Harford County added March 1967. <sup>6</sup> Excludes Shelby and Walker Counties added March 1967. <sup>7</sup> Excludes Kaufman County added March 1967 and Rockwall County added April 1967. <sup>8</sup> Excludes Randolph and Yadkin Counties added March 1967. <sup>9</sup> Excludes Boone County added March 1967. <sup>10</sup> Excludes Saline County added March 1967.

**Pages 908 and 909**

D Withheld to avoid disclosure. NA Not available. <sup>1</sup> Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960, Vol. I, Characteristics of the Population*.

<sup>2</sup> By persons 25 years old and over.

<sup>3</sup> Source: Department of Health, Education, and Welfare, Public Health Service; *Health Manpower Source Book*, section 19, *Location of Manpower in 8 Occupations*. <sup>4</sup> Source: Department of Commerce, Bureau of the Census; *Census of Governments: 1962, Vol. V, Local Government in Metropolitan Areas*. <sup>5</sup> Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1964-65*. <sup>6</sup> Source: Department of Commerce, Bureau of the Census; *1963 Census of Manufactures, Vol. III, Area Statistics*, and special report *Shipments of Defense-Oriented Industries*.

<sup>7</sup> Excludes Harford County added March 1967. <sup>8</sup> Excludes government of Suffolk County.

<sup>9</sup> Excludes Sherborn town in Middlesex County and Millis town in Norfolk County added October 1963.

<sup>10</sup> Excludes county government.

<sup>11</sup> Excludes Easton town in Fairfield County added October 1963. <sup>12</sup> Excludes Kaufman and Rockwall Counties added March 1967. <sup>13</sup> Excludes Rockwall County to avoid disclosure. <sup>14</sup> Excludes Granby and East Granby towns in Hartford County, and Andover, Bolton, Ellington, and Coventry towns in Tolland County added October 1963. <sup>15</sup> Excludes Boone County added March 1967.

**Pages 910 and 911**

- Represents zero. NA Not available. <sup>1</sup> Source: Department of Commerce, Bureau of the Census; *1963 Census of Business, Vol. II, Retail Trade—Area Statistics*. <sup>2</sup> Source: Department of Commerce, Bureau of the Census; *Current Retail Trade Reports, Monthly Retail Trade*. <sup>3</sup> Source: Department of Commerce, Bureau of the Census; *1963 Census of Business, Vol. VII, Selected Services—Area Statistics*. <sup>4</sup> Source: Department of Commerce, Bureau of the Census; *1963 Census of Business, Vol. V, Wholesale Trade—Area Statistics*.

<sup>5</sup> Excludes Harford County added March 1967.

<sup>6</sup> Excludes Shelby and Walker Counties added March 1967.

<sup>7</sup> Excludes Kaufman County added March 1967 and Rockwall County added April 1967.

<sup>8</sup> Excludes Rockwall County withheld to avoid disclosure.

<sup>9</sup> Excludes Boone County added March 1967. <sup>10</sup> Excludes Saline County added March 1967.

**Pages 912 and 913**

- Represents zero. NA Not available. X Not applicable. <sup>1</sup> See note 1 for pages 898 and 899.

<sup>2</sup> See note 2 for pages 898 and 899. <sup>3</sup> Per 1,000 residing in area July 1, 1965. <sup>4</sup> See note 4 for pages 898 and 899.

<sup>5</sup> Excludes Washington County added March 1967. <sup>6</sup> Marriage licenses issued. <sup>7</sup> Adjusted to exclude 12,500 erroneously reported in Fairfax County. <sup>8</sup> Excludes Loudoun and Prince William Counties, Va., added March 1967.

**Pages 914 and 915**

NA Not available. <sup>1</sup> See note 1 for pages 900 and 901. <sup>2</sup> See note 2 for pages 900 and 901. <sup>3</sup> See note 3 for pages 900 and 901. <sup>4</sup> Preliminary (11 month) average. <sup>5</sup> Excludes Washington County added March 1967.

<sup>6</sup> Includes Madison town in New Haven County not a part of the SMSA. <sup>7</sup> Excludes Somers town in Tolland County, Conn., which is a part of the SMSA. <sup>8</sup> Excludes Loudoun and Prince William Counties added March 1967.

**Pages 916 and 917**

- Represents zero. NA Not available. <sup>1</sup> See note 1 for pages 902 and 903. <sup>2</sup> See note 2 for pages 902 and 903. <sup>3</sup> See note 3 for pages 902 and 903. <sup>4</sup> See note 4 for pages 902 and 903. <sup>5</sup> Comprises commercial and mutual savings banks.

<sup>6</sup> See note 6 for pages 902 and 903. <sup>7</sup> Source: Federal Home Loan Bank Board, records. <sup>8</sup> Excludes Washington County added March 1967. <sup>9</sup> Excludes Loudoun and Prince William Counties, Va., added March 1967.

**Pages 918 and 919**

NA Not available. Z Less than 500. <sup>1</sup> See note 1 for pages 904 and 905. <sup>2</sup> See note 2 for pages 904 and 905. <sup>3</sup> See note 3 for pages 904 and 905. <sup>4</sup> Includes Orange County deleted October 1963. <sup>5</sup> Excludes Crittenden County, Ark., added October 1963. <sup>6</sup> Excludes Washington County added March 1967.

<sup>7</sup> Excludes Ozaukee County added October 1963 and Washington County added March 1967. <sup>8</sup> Excludes Baldwin County added October 1963. <sup>9</sup> Excludes Sumner and Wilson Counties added October 1963. <sup>10</sup> Excludes Bethany and North Branford towns in New Haven County added October 1963. <sup>11</sup> Excludes Woodford County added October 1963. <sup>12</sup> Excludes Rehoboth town in Bristol County, Mass., added October 1963.

<sup>13</sup> Excludes Hanover County added October 1963.

<sup>14</sup> Excludes Livingston, Orleans, and Wayne Counties added October 1963. <sup>15</sup> Excludes Placer and Yolo Counties added October 1963. <sup>16</sup> Excludes Franklin County, Mo., added October 1963.

<sup>17</sup> Excludes Davis County added October 1963. <sup>18</sup> Excludes Guadalupe County added October 1963.

<sup>19</sup> Includes Solano County deleted October 1963.

<sup>20</sup> Excludes Hampden and Southwick towns in Hampden County, Granby town in Hampshire County, and Somers town in Tolland County added October 1963. <sup>21</sup> Excludes Wood County, Ohio, and Monroe County, Mich., added October 1963. <sup>22</sup> Excludes Loudoun and Prince William Counties added March 1967.

<sup>23</sup> Excludes Butler County added October 1963. <sup>24</sup> Excludes Cecil County, Md., added October 1963.

<sup>25</sup> Excludes Paxton and Sterling towns in Worcester County added October 1963.

**Pages 920 and 921**

NA Not available. <sup>1</sup> See note 1 for pages 906 and 907. <sup>2</sup> See note 2 for pages 906 and 907. <sup>3</sup> See note 3 for pages 906 and 907. <sup>4</sup> See note 4 for pages 906 and 907. <sup>5</sup> Excludes Washington County added March 1967.

<sup>6</sup> Excludes Loudoun and Prince William Counties added March 1967.

**Pages 922 and 923**

NA Not available. <sup>1</sup> See note 1 for pages 908 and 909. <sup>2</sup> By persons 25 years old and over. <sup>3</sup> See note 3 for pages 908 and 909. <sup>4</sup> See note 4 for pages 908 and 909. <sup>5</sup> See note 5 for pages 908 and 909. <sup>6</sup> See note 6 for pages 908 and 909. <sup>7</sup> Excludes Washington County added March 1967. <sup>8</sup> Excludes county government.

<sup>9</sup> Excludes Bethany and North Branford towns in New Haven County added October 1963. <sup>10</sup> Excludes Rehoboth town in Bristol County, Mass., and Warwick city in Kent County, R.I., added October 1963.

<sup>11</sup> Excludes Hampden and Southwick towns in Hampden County, Mass., Granby town in Hampshire County, Mass., and Somers town in Tolland County, Conn., added October 1963. <sup>12</sup> Excludes Loudoun and Prince William Counties added March 1967. <sup>13</sup> Excludes Loudoun County to avoid disclosure.

<sup>14</sup> Excludes Paxton and Sterling towns in Worcester County added October 1963.



## Pages 924 and 925

NA Not available. <sup>1</sup> See note 1 for pages 910 and 911. <sup>2</sup> See note 2 for pages 910 and 911. <sup>3</sup> See note 3 for pages 910 and 911. <sup>4</sup> See note 4 for pages 910 and 911. <sup>5</sup> Excludes Washington County added March 1967. <sup>6</sup> Excludes Bristol County, R.I., withheld to avoid disclosure. <sup>7</sup> Excludes Loudoun and Prince William Counties added March 1967, withheld to avoid disclosure. <sup>8</sup> Excludes Rockwall County added April 1967, withheld to avoid disclosure.

## Pages 926 and 927

- Represents zero. NA Not available. X Not applicable. Z Less than 0.05 percent. <sup>1</sup> See note 1 for pages 898 and 899. <sup>2</sup> See note 2 for pages 898 and 899. <sup>3</sup> Per 1,000 residing in area July 1, 1965. <sup>4</sup> See note 4 for pages 898 and 899. <sup>5</sup> Excludes Orange County added March 1967. <sup>6</sup> SMSA data not available. That portion of SMSA in Mass., included in New Bedford SEA, which is shown below. <sup>7</sup> SMSA data not available. Part of Worcester SEA; see table 1. <sup>8</sup> SMSA data not available. That portion of SMSA in Mass., included in Boston SEA, which is shown in table 1. <sup>9</sup> SMSA data not available. No equivalent SEA; data shown are for Androscooggin County. <sup>10</sup> Excludes Putnam and Van Wert Counties added March 1967.

## Pages 928 and 929

- Represents zero. NA Not available. <sup>1</sup> See note 1 for pages 900 and 901. <sup>2</sup> See note 1 for pages 902 and 903. <sup>3</sup> Source: Department of Commerce, Bureau of the Census; *Construction Reports*, C40/C42-66-13, *Housing Authorized by Building Permits and Public Contracts—1966, States, Standard Metropolitan Statistical Areas, and Individual Places*. <sup>4</sup> See note 4 for pages 902 and 903. <sup>5</sup> Comprises commercial and mutual savings banks. <sup>6</sup> See note 7 for pages 902 and 903. <sup>7</sup> Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1960, Vol. I, Characteristics of the Population*. <sup>8</sup> See note 1 for pages 906 and 907. <sup>9</sup> See note 2 for pages 906 and 907. <sup>10</sup> See note 4 for pages 906 and 907. <sup>11</sup> See note 1 for pages 908 and 909. <sup>12</sup> See note 2 for pages 908 and 909. <sup>13</sup> Excludes Orange County added March 1967. <sup>14</sup> SMSA data not available. That portion of SMSA in Mass., included in New Bedford SEA, which is shown below. <sup>15</sup> SMSA data not available. Part of Worcester SEA; see table 1. <sup>16</sup> SMSA data not available. That portion of SMSA in Mass., included in Boston SEA, which is shown in table 1. <sup>17</sup> SMSA data not available. No equivalent SEA; data shown are for Androscooggin County. <sup>18</sup> Excludes Putnam and Van Wert Counties added March 1967.

## Pages 930 and 931

<sup>1</sup> See note 4 for pages 908 and 909. <sup>2</sup> See note 5 for pages 908 and 909. <sup>3</sup> Source: Department of Commerce, Bureau of the Census; *1963 Census of Manufactures*, Vol. III, *Area Statistics*. <sup>4</sup> See note 1 for pages 910 and 911. <sup>5</sup> See note 3 for pages 910 and 911. <sup>6</sup> Excludes Westminster town in Worcester County and Townsend town in Middlesex County added October 1963. <sup>7</sup> Excludes Georgetown, Merrimack, and West Newbury towns in Essex County, Mass., and Newton town in Rockingham County, N.H., added October 1963. <sup>8</sup> Excludes Westford town in Middlesex County added October 1963.

## Pages 932 and 933

- Represents zero. NA Not available. X Not applicable. Z Less than 0.05 percent. <sup>1</sup> See note 1 for pages 898 and 899. <sup>2</sup> See note 2 for pages 898 and 899. <sup>3</sup> Per 1,000 residing in area July 1, 1965. <sup>4</sup> See note 4 for pages 898 and 899. <sup>5</sup> SMSA data not available. That portion of New Haven County included in New Haven SEA, which is shown in table 1. <sup>6</sup> SMSA data not available. Part of Hartford SEA; see table 1. <sup>7</sup> SMSA data not available. No equivalent SEA; data shown are for New London County. <sup>8</sup> SMSA data not available. Part of Bridgeport SEA; see table 1.

## Pages 934 and 935

- Represents zero. NA Not available. <sup>1</sup> See note 1 for pages 900 and 901. <sup>2</sup> See note 1 for pages 902 and 903. <sup>3</sup> See note 3 for pages 928 and 929. <sup>4</sup> See note 4 for pages 902 and 903. <sup>5</sup> Comprises commercial and mutual savings banks. <sup>6</sup> See note 7 for pages 902 and 903. <sup>7</sup> See note 7 for pages 928 and 929. <sup>8</sup> See note 1 for pages 906 and 907. <sup>9</sup> See note 2 for pages 906 and 907. <sup>10</sup> See note 4 for pages 906 and 907. <sup>11</sup> See note 1 for pages 908 and 909. <sup>12</sup> See note 2 for pages 908 and 909. <sup>13</sup> Excludes Bedford town in Hillsborough County and Hooksett town in Merrimack County, added October 1963. <sup>14</sup> SMSA data not available. That portion of New Haven County included in New Haven SEA, which is shown in table 1. <sup>15</sup> SMSA data not available. Part of Hartford SEA; see table 1. <sup>16</sup> SMSA data not available. No equivalent metropolitan SEA; data shown are for New London County. <sup>17</sup> SMSA data not available. Part of Bridgeport SEA; see table 1. <sup>18</sup> Excludes Lanesborough town in Berkshire County, Mass. <sup>19</sup> Excludes Cumberland, Gorham, Scarborough, and Yarmouth towns in Cumberland County, Maine. <sup>20</sup> Excludes Woodbury town in Litchfield County, Conn.

## Pages 936 and 937

<sup>1</sup> See note 4 for pages 908 and 909. <sup>2</sup> See note 5 for pages 908 and 909. <sup>3</sup> See note 3 for pages 930 and 931. <sup>4</sup> See note 1 for pages 910 and 911. <sup>5</sup> See note 3 for pages 910 and 911. <sup>6</sup> Excludes Bedford town in Hillsborough County and Hooksett town in Merrimack County added October 1963. <sup>7</sup> Excludes Griswold, Lisbon, Old Lyme, and Sprague towns in New London County added October 1963. <sup>8</sup> Excludes Lanesborough town in Berkshire County added October 1963. <sup>9</sup> Excludes Cumberland, Gorham, Scarborough, and Yarmouth towns in Cumberland County added October 1963. <sup>10</sup> Excludes Woodbury town in Litchfield County added October 1963.



## Standard Metropolitan Statistical Areas as of May 1, 1967

<b>ABILENE, TEX.</b> Jones County Taylor County	<b>BILLINGS, MONT.</b> Yellowstone County	<b>CLEVELAND, OHIO</b> Cuyahoga County Geauga County Lake County Medina County
<b>AKRON, OHIO</b> Portage County Summit County	<b>BINGHAMTON, N.Y.-PA.</b> Broome County, N.Y. Tioga County, N.Y. Susquehanna County, Pa.	<b>COLORADO SPRINGS, COLO.</b> El Paso County
<b>ALBANY, GA.</b> Dougherty County	<b>BIRMINGHAM, ALA.</b> Jefferson County Shelby County Walker County	<b>COLUMBIA, S.C.</b> Lexington County Richland County
<b>ALBANY-SCHENECTADY-TROY, N.Y.</b> Albany County Rensselaer County Saratoga County Schenectady County	<b>BLOOMINGTON-NORMAL, ILL.</b> McLean County	<b>COLUMBUS, GA.-ALA.</b> Chattahoochee County, Ga. Muscogee County, Ga. Russell County, Ala.
<b>ALBUQUERQUE, N. MEX.</b> Bernalillo County	<b>BOISE CITY, IDAHO</b> Ada County	<b>COLUMBUS, OHIO</b> Delaware County Franklin County Pickaway County
<b>ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.</b> Lehigh County, Pa. Northampton County, Pa. Warren County, N.J.	<b>BOSTON, MASS.</b> Essex County (part) Middlesex County (part) Norfolk County (part) Plymouth County (part) Suffolk County	<b>CORPUS CHRISTI, TEX.</b> Nueces County San Patricio County
<b>ALTOONA, PA.</b> Blair County	<b>BRIDGEPORT, CONN.</b> Fairfield County (part) New Haven County (part)	<b>DALLAS, TEX.</b> Collin County Dallas County Denton County Ellis County Kaufman County Rockwall County
<b>AMARILLO, TEX.</b> Potter County Randall County	<b>BROCKTON, MASS.</b> Bristol County (part) Norfolk County (part) Plymouth County (part)	<b>DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.</b> Scott County, Iowa Henry County, Ill. Rock Island County, Ill.
<b>ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.</b> Orange County	<b>BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.</b> Cameron County	<b>DAYTON, OHIO</b> Greene County Miami County Montgomery County Preble County
<b>ANDERSON, IND.</b> Madison County	<b>BUFFALO, N.Y.</b> Erie County Niagara County	<b>DECATUR, ILL.</b> Macon County
<b>ANN ARBOR, MICH.</b> Washtenaw County	<b>CANTON, OHIO</b> Stark County	<b>DENVER, COLO.</b> Adams County Arapahoe County Boulder County Denver County Jefferson County
<b>ASHEVILLE, N.C.</b> Buncombe County	<b>CEDAR RAPIDS, IOWA</b> Linn County	<b>DES MOINES, IOWA</b> Polk County
<b>ATLANTA, GA.</b> Clayton County Cobb County De Kalb County Fulton County Gwinnett County	<b>CHAMPAIGN-URBANA, ILL.</b> Champaign County	<b>DETROIT, MICH.</b> Macomb County Oakland County Wayne County
<b>ATLANTIC CITY, N.J.</b> Atlantic County	<b>CHARLESTON, S.C.</b> Berkeley County Charleston County	<b>DUBUQUE, IOWA</b> Dubuque County
<b>AUGUSTA, GA.-S.C.</b> Richmond County, Ga. Aiken County, S.C.	<b>CHARLESTON, W. VA.</b> Kanawha County	<b>DULUTH-SUPERIOR, MINN.-WIS.</b> St. Louis County, Minn. Douglas County, Wis.
<b>AUSTIN, TEX.</b> Travis County	<b>CHARLOTTE, N.C.</b> Mecklenburg County Union County	<b>DURHAM, N.C.</b> Durham County Orange County
<b>BAKERSFIELD, CALIF.</b> Kern County	<b>CHATTANOOGA, TENN.-GA.</b> Hamilton County, Tenn. Walker County, Ga.	<b>EL PASO, TEX.</b> El Paso County
<b>BALTIMORE, MD.</b> Baltimore city Anne Arundel County Baltimore County Carroll County Harford County Howard County	<b>CHICAGO, ILL.</b> Cook County Du Page County Kane County Lake County McHenry County Will County	<b>ERIE, PA.</b> Erie County
<b>BATON ROUGE, LA.</b> East Baton Rouge Parish	<b>CINCINNATI, OHIO-KY.-IND.</b> Clermont County, Ohio Hamilton County, Ohio Warren County, Ohio Boone County, Ky. Campbell County, Ky. Kenton County, Ky. Dearborn County, Ind.	
<b>BAY CITY, MICH.</b> Bay County		
<b>BEAUMONT-PORT ARTHUR-ORANGE, TEX.</b> Jefferson County Orange County		

EUGENE, OREG. Lane County	HARRISBURG, PA. Cumberland County Dauphin County Perry County	LAKE CHARLES, LA. Calcasieu Parish
EVANSVILLE, IND.-KY. Vanderburgh County, Ind. Warrick County, Ind. Henderson County, Ky.	HARTFORD, CONN. Hartford County (part) Middlesex County (part) Tolland County (part)	LANCASTER, PA. Lancaster County
FALL RIVER, MASS.-R.I. Bristol County, Mass. (part) Newport County, R.I. (part)	HONOLULU, HAWAII Honolulu County	LANSING, MICH. Clinton County Eaton County Ingham County
FARGO-MOOREHEAD, N. DAK.-MINN. Cass County, N. Dak. Clay County, Minn.	HOUSTON, TEX. Brazoria County Fort Bend County Harris County Liberty County Montgomery County	LAREDO, TEX. Webb County
FAYETTEVILLE, N.C. Cumberland County	HUNTINGTON-ASHLAND, W. VA.-KY.-OHIO Cabell County, W. Va. Wayne County, W. Va. Boyd County, Ky. Lawrence County, Ohio	LAS VEGAS, NEV. Clark County
FITCHBURG-LEOMINSTER, MASS. Middlesex County (part) Worcester County (part)	HUNTSVILLE, ALA. Limestone County Madison County	LAWRENCE-HAVERHILL, MASS.-N.H. Essex County, Mass. (part) Rockingham County, N.H. (part)
FLINT, MICH. Genesee County Lapeer County	INDIANAPOLIS, IND. Boone County Hamilton County Hancock County Hendricks County Johnson County Marion County Morgan County Shelby County	LAWTON, OKLA. Comanche County
FORT LAUDERDALE- HOLLYWOOD, FLA. Broward County	JACKSON, MICH. Jackson County	LEWISTON-AUBURN, MAINE Androscoggin County (part)
FORT SMITH, ARK.-OKLA. Crawford County, Ark. Sebastian County, Ark. LeFlore County, Okla. Sequoyah County, Okla.	JACKSON, MISS. Hinds County Rankin County	LEXINGTON, KY. Fayette County
FORT WAYNE, IND. Allen County	JACKSONVILLE, FLA. Duval County	LIMA, OHIO Allen County Putnam County Van Wert County
FORT WORTH, TEX. Johnson County Tarrant County	JERSEY CITY, N.J. Hudson County	LINCOLN, NEBR. Lancaster County
FRESNO, CALIF. Fresno County	JOHNSTOWN, PA. Cambria County Somerset County	LITTLE ROCK-NORTH LITTLE ROCK, ARK. Pulaski County Saline County
GADSDEN, ALA. Etowah County	KALAMAZOO, MICH. Kalamazoo County	LORAIN-ELYRIA, OHIO Lorain County
GALVESTON-TEXAS CITY, TEX. Galveston County	KANSAS CITY, MO.-KANS. Cass County, Mo. Clay County, Mo. Jackson County, Mo. Platte County, Mo. Johnson County, Kans. Wyandotte County, Kans.	LOS ANGELES-LONG BEACH, CALIF. Los Angeles County
GARY-HAMMOND-EAST CHICAGO, IND. Lake County Porter County	KENOSHA, WIS. Kenosha County	LOUISVILLE, KY.-IND. Jefferson County, Ky. Clark County, Ind. Floyd County, Ind.
GRAND RAPIDS, MICH. Kent County Ottawa County	KNOXVILLE, TENN. Anderson County Blount County Knox County	LOWELL, MASS. Middlesex County (part)
GREAT FALLS, MONT. Cascade County	LAFAYETTE, LA. Lafayette Parish	LUBBOCK, TEX. Lubbock County
GREEN BAY, WIS. Brown County	LAFAYETTE-WEST LAFAY- ETTE, IND. Tippecanoe County	LYNCHBURG, VA. Lynchburg city Amherst County Campbell County
GREENSBORO-WINSTON- SALEM-HIGH POINT, N.C. Forsyth County Guilford County Randolph County Yadkin County		MACON, GA. Bibb County Houston County
GREENVILLE, S.C. Greenville County Pickens County		MADISON, WIS. Dane County
HAMILTON-MIDDLETOWN, OHIO Butler County		MANCHESTER, N.H. Hillsborough County (part) Merrimack County (part)
		MANSFIELD, OHIO Richland County
		MCALLEN-PHARR-EDIN- BURG, TEX. Hidalgo County
		MEMPHIS, TENN.-ARK. Shelby County, Tenn. Crittenden County, Ark.

MERIDEN, CONN. New Haven County (part)	NEWPORT NEWS-HAMPTON, VA. Hampton city Newport News city York County	PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS. Bristol County, R.I. Kent County, R.I. (part) Newport County, R.I. (part) Providence County, R.I. (part) Washington County, R.I. (part) Bristol County, Mass. (part) Norfolk County, Mass. (part) Worcester County, Mass. (part)
MIAMI, FLA. Dade County	NORFOLK-PORTSMOUTH, VA. Chesapeake city Norfolk city Portsmouth city Virginia Beach city	PROVO-OREM, UTAH Utah County
MIDLAND, TEX. Midland County	NORWALK, CONN. Fairfield County (part)	PUEBLO, COLO. Pueblo County
MILWAUKEE, WIS. Milwaukee County Ozaukee County Washington County Waukesha County	ODESSA, TEX. Ector County	RACINE, WIS. Racine County
MINNEAPOLIS-ST. PAUL, MINN. Anoka County Dakota County Hennepin County Ramsey County Washington County	OGDEN, UTAH Weber County	RALEIGH, N.C. Wake County
MOBILE, ALA. Baldwin County Mobile County	OKLAHOMA CITY, OKLA. Canadian County Cleveland County Oklahoma County	READING, PA. Berks County
MONROE, LA. Ouachita Parish	OMAHA, NEBR.-IOWA Douglas County, Nebr. Sarpy County, Nebr. Pottawattamie County, Iowa	RENO, NEV. Washoe County
MONTGOMERY, ALA. Elmore County Montgomery County	ORLANDO, FLA. Orange County Seminole County	RICHMOND, VA. Richmond city Chesterfield County Hanover County Henrico County
MUNCIE, IND. Delaware County	OXNARD-VENTURA,* CALIF. Ventura County	ROANOKE, VA. Roanoke city Roanoke County
MUSKEGON-MUSKEGON HEIGHTS, MICH. Muskegon County	PATERSON-CLIFTON-PASSAIC, N.J. Bergen County Passaic County	ROCHESTER, N.Y. Livingston County Monroe County Orleans County Wayne County
NASHVILLE, TENN. Davidson County Sumner County Wilson County	PENSACOLA, FLA. Escambia County Santa Rosa County	ROCKFORD, ILL. Boone County Winnebago County
NEW BEDFORD, MASS. Bristol County (part) Plymouth County (part)	PEORIA, ILL. Peoria County Tazewell County Woodford County	SACRAMENTO, CALIF. Placer County Sacramento County Yolo County
NEW BRITAIN, CONN. Hartford County (part)	PHILADELPHIA, PA.-N.J. Bucks County, Pa. Chester County, Pa. Delaware County, Pa. Montgomery County, Pa. Philadelphia County, Pa. Burlington County, N.J. Camden County, N.J. Gloucester County, N.J.	SAGINAW, MICH. Saginaw County
NEW HAVEN, CONN. New Haven County (part)	PHOENIX, ARIZ. Maricopa County	ST. JOSEPH, MO. Buchanan County
NEW LONDON-GROTON-NORWICH, CONN. New London County (part)	PINE BLUFF, ARK. Jefferson County	ST. LOUIS, MO.-ILL. St. Louis city, Mo. Franklin County, Mo. Jefferson County, Mo. St. Charles County, Mo. St. Louis County, Mo. Madison County, Ill. St. Clair County, Ill.
NEW ORLEANS, LA. Jefferson Parish Orleans Parish St. Bernard Parish St. Tammany Parish	PITTSBURGH, PA. Allegheny County Beaver County Washington County Westmoreland County	SALEM, OREG. Marion County Polk County
NEW YORK, N.Y. New York City Bronx County Kings County New York County Queens County Richmond County Nassau County Rockland County Suffolk County Westchester County	PITTSFIELD, MASS. Berkshire County (part)	SALINAS-MONTEREY, CALIF. Monterey County
NEWARK, N.J. Essex County Morris County Union County	PORTLAND, MAINE Cumberland County (part)	SALT LAKE CITY, UTAH Davis County Salt Lake County
	PORTLAND, OREG.-WASH. Clackamas County, Oreg. Multnomah County, Oreg. Washington County, Oreg. Clark County, Wash.	SAN ANGELO, TEX. Tom Green County

\*Official city name, San Buenaventura.



SAN ANTONIO, TEX. Bexar County Guadalupe County	STAMFORD, CONN. Fairfield County (part)	VALLEJO-NAPA, CALIF Napa County Solano County
SAN BERNARDINO-RIVER- SIDE-ONTARIO, CALIF. Riverside County San Bernardino County	STEUBENVILLE-WEIRTON, OHIO-W. VA. Jefferson County, Ohio Brooke County, W. Va. Hancock County, W. Va.	WACO, TEX. McLennan County
SAN DIEGO, CALIF. San Diego County	STOCKTON, CALIF. San Joaquin County	WASHINGTON, D.C.-MD.-VA. District of Columbia Montgomery County, Md. Prince Georges County, Md. Alexandria city, Va. Fairfax city, Va. Falls Church city, Va. Arlington County, Va. Fairfax County, Va. Loudoun County, Va. Prince William County, Va.
SAN FRANCISCO-OAKLAND, CALIF. Alameda County Contra Costa County Marin County San Francisco County San Mateo County	SYRACUSE, N.Y. Madison County Onondaga County Oswego County	
SAN JOSE, CALIF. Santa Clara County	TACOMA, WASH. Pierce County	WATERBURY, CONN. Litchfield County (part) New Haven County (part)
SANTA BARBARA, CALIF. Santa Barbara County	TALLAHASSEE, FLA. Leon County	WATERLOO, IOWA Black Hawk County
SAVANNAH, GA. Chatham County	TAMPA-ST. PETERSBURG, FLA. Hillsborough County Pinellas County	WEST PALM BEACH, FLA. Palm Beach County
SCRANTON, PA. Lackawanna County	TERRE HAUTE, IND. Clay County Sullivan County Vermillion County Vigo County	WHEELING, W. VA.-OHIO Marshall County, W. Va. Ohio County, W. Va. Belmont County, Ohio
SEATTLE-EVERETT, WASH. King County Snohomish County	TEXARKANA, TEX.-ARK. Bowie County, Tex. Miller County, Ark.	WICHITA, KANS. Butler County Sedgwick County
SHERMAN-DENISON, TEX. Grayson County	TOLEDO, OHIO-MICH. Lucas County, Ohio Wood County, Ohio Monroe County, Mich.	WICHITA FALLS, TEX. Archer County Wichita County
SHREVEPORT, LA. Bossier Parish Caddo Parish	TOPEKA, KANS. Shawnee County	WILKES-BARRE-HAZLETON, PA. Luzerne County
SIOUX CITY, IOWA-NEBR. Woodbury County, Iowa Dakota County, Nebr.	TRENTON, N.J. Mercer County	WILMINGTON, DEL.-N.J.-MD. New Castle County, Del. Salem County, N.J. Cecil County, Md.
SIOUX FALLS, S. DAK. Minnehaha County	TUCSON, ARIZ. Pima County	WILMINGTON, N.C. Brunswick County New Hanover County
SOUTH BEND, IND. Marshall County St. Joseph County	TULSA, OKLA. Creek County Osage County Tulsa County	WORCESTER, MASS. Worcester County (part)
SPOKANE, WASH. Spokane County	TUSCALOOSA, ALA. Tuscaloosa County	YORK, PA. Adams County York County
SPRINGFIELD, ILL. Sangamon County	TYLER, TEX. Smith County	YOUNGSTOWN-WARREN, OHIO Mahoning County Trumbull County
SPRINGFIELD, MO. Greene County	UTICA-ROME, N.Y. Herkimer County Oneida County	
SPRINGFIELD, OHIO Clark County		
SPRINGFIELD-CHICOPEE- HOLYOKE, MASS.-CONN. Hampden County, Mass. (part) Hampshire County, Mass. (part) Worcester County, Mass. (part) Tolland County, Conn. (part)		

## NEW ENGLAND METROPOLITAN STATE ECONOMIC AREAS

BOSTON, LAWRENCE- HAVERHILL, LOWELL, MASS. Essex County Middlesex County Norfolk County Suffolk County	FALL RIVER, NEW BED- FORD, MASS. Bristol County	PORTLAND, MAINE Cumberland County
BRIDGEPORT, STAMFORD, NORWALK, CONN. Fairfield County	HARTFORD, NEW BRITAIN, CONN. Hartford County	PROVIDENCE-PAWTUCKET- WARWICK, R.I. Bristol County Kent County Providence County
BROCKTON, MASS. Plymouth County	MANCHESTER, N.H. Hillsborough County	SPRINGFIELD-CHICOPEE- HOLYOKE, MASS. Hampden County Hampshire County
	NEW HAVEN, WATERBURY, MERIDEN, CONN. New Haven County	WORCESTER, FITCHBURG, LEOMINSTER, MASS. Worcester County
	PITTSFIELD, MASS. Berkshire County	

# APPENDIX I

## Weights and Measures

### AVOIRDUPOIS AND TROY WEIGHTS

U.S. equivalents			Metric equivalent
Avoirdupois weight: <sup>1</sup>			
1 grain.....			64.799 milligrams.
437.5 grains.....	1 ounce, avoirdupois.....	0.911 ounce, troy.....	28.35 grams.
16 ounces, avoirdupois.....	1 pound, avoirdupois.....	1.215 pounds, troy.....	453.59237 grams.
100 pounds, avoirdupois.....	1 short hundredweight.....		45.3592 kilograms.
2,000 pounds.....	} 1 short ton.....		0.907 metric ton.
20 short hundredweights.....			
112 pounds, avoirdupois.....	1 long hundredweight.....		50.802 kilograms.
2,240 pounds.....	} 1 long ton.....		1.016 metric tons.
20 long hundredweights.....			
Troy weight: <sup>2</sup>			
1 grain.....			64.799 milligrams.
24 grains.....	1 pennyweight.....		1.555 grams.
20 pennyweights.....	1 ounce, troy.....	1.097 ounces, avoirdupois.....	31.103 grams.
12 ounces, troy.....	1 pound, troy.....	0.823 pound, avoirdupois.....	373.242 grams.

<sup>1</sup> The system used in weighing all commodities except precious stones, precious metals, and drugs.

<sup>2</sup> The system used in weighing precious stones and precious metals such as silver and gold.

### WEIGHTS OF THE UNITED STATES BUSHEL

ITEM	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white).....	60	27. 22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain).....	56	25. 40
Barley, buckwheat.....	48	21. 77
Onions.....	57	25. 85
Rough rice.....	45	20. 41
Malt.....	34	15. 42
Oats.....	32	14. 51
Peanuts, green, in shell.....	22	9. 98
Castor beans.....	50	22. 68
Sorghums for grain.....	56	25. 40

### WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

ITEM	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net).....	196	88. 90
Rosin, tar and pitch (gross).....	500	226. 80
Fish, pickled (net).....	200	90. 72
Lime (net).....	200	90. 72
Cement (4 bags counted as 1 barrel) (net) <sup>1</sup> .....	376	170. 55

<sup>1</sup> Except as noted in the tables.

### CAPACITIES OR VOLUMES

U.S. equivalents			
1 barrel (liquid) <sup>1</sup> .....	31 to 42 gallons.....		
1 barrel (dry) <sup>2</sup> .....	7,056 cubic inches.....	105 dry quarts.....	3.281 bushels (struck measure). <sup>3</sup>

<sup>1</sup> There are various "barrels" established by law or usage. Federal law recognizes a 31- and a 40-gallon barrel, depending on the type of liquor. In addition, the number of gallons recognized as making up a barrel differs among various States.

<sup>2</sup> Standard for fruits and vegetables and other dry commodities, except cranberries, recognized by the Dept. of Agriculture.

<sup>3</sup> Standard bushel as measured by U.S. Government.

APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

[In the United States petroleum and its products are measured by bulk, not weight. Quantities are customarily reduced to the equivalent of barrels of 42 U.S. gallons (158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages, the Department of Commerce uses the following factors for converting foreign weight statistics to gallons or to barrels of 42 gallons]

ITEM	U.S. GALLON		BARREL OF 42 GALLONS	
	U.S. equivalent	Metric equivalent	U.S. equivalent	Metric equivalent
Crude petroleum.....	7.3 pounds.....	3.311 kilograms.....	306.6 pounds..	139.07 kilograms.
Lubricating oils.....	7.0 pounds.....	3.175 kilograms.....	294.0 pounds..	133.36 kilograms.
Illuminating oils (kerosene).....	6.6 pounds.....	2.994 kilograms.....	277.2 pounds..	125.74 kilograms.
Gasoline and related products (motor spirit, benzine, etc.).....	6.1 pounds.....	2.767 kilograms.....	256.2 pounds..	116.21 kilograms.
Fuel and gas oils.....	7.7 pounds.....	3.493 kilograms.....	323.4 pounds..	146.69 kilograms.

LIQUID MEASURES

U.S. equivalents		Metric equivalent
1 fluid dram.....		3.697 milliliters.
8 fluid drams.....	1 fluid ounce.....	29.573 milliliters.
4 fluid ounces.....	1 gill.....	0.118 liter.
4 gills.....	1 pint.....	0.473 liter.
2 pints.....	1 quart.....	0.9464 liter.
4 quarts.....	1 gallon.....	3.785 liters.

DRY MEASURES

U.S. equivalents		Metric equivalent
1 pint.....		33.600 cubic inches.....
2 pints.....	1 quart.....	67.2006 cubic inches.....
4 quarts.....	1 peck.....	537.605 cubic inches.....
8 pecks.....	1 bushel (struck measure) <sup>1</sup> .....	2,150.42 cubic inches.....

<sup>1</sup> Standard bushel as measured by U.S. Government.

LENGTH MEASURES

U.S. equivalents		Metric equivalent
1 inch.....		2.540 centimeters.
12 inches.....	1 foot.....	0.3048 meter.
3 feet.....	1 yard.....	0.9144 meter.
5½ yards.....	1 rod.....	5.029 meters.
5,280 feet.....	1 statute (land) mile.....	1.609 kilometers.

AREA MEASURES

U.S. equivalents		Metric equivalent
1 square inch.....		6.452 square centimeters.
144 square inches.....	1 square foot.....	929.030 square centimeters.
9 square feet.....	1 square yard.....	0.8361 square meter.
30¼ square yards.....	1 square rod.....	25.293 square meters.
160 square rods.....	1 acre.....	0.4047 hectare.
4,840 square yards.....		
640 acres.....	1 square milc.....	258.999 hectares.

CUBIC MEASURES

U.S. equivalents		Metric equivalent
1 cubic inch.....		16.387 cubic centimeters.
1,728 cubic inches.....	1 cubic foot.....	28.317 cubic decimeters.
27 cubic feet.....	1 cubic yard.....	0.7646 cubic meter.



## APPENDIX II

### Historical Series—Index to Tables in Which *Historical Statistics* Series Appear

[Listed below are those statistical time series (identified by number) appearing in *Historical Statistics of the United States, Colonial Times to 1957*, and its companion volume, *Historical Statistics . . . Continuation to 1962 and Revisions*, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where comparable data are available for one or more years later than 1957. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*]

<i>Historical Statistics</i> series	1967 <i>Abstract</i> table number	<i>Historical Statistics</i> series	1967 <i>Abstract</i> table number	<i>Historical Statistics</i> series	1967 <i>Abstract</i> table number	<i>Historical Statistics</i> series	1967 <i>Abstract</i> table number
<b>A</b>		<b>C—CON.</b>		<b>F—CON.</b>		<b>H—CON.</b>	
A 1-3.....	2	C 160-161.....	143	F 49-54.....	460	H 224-225.....	166
A 4-6.....	5	C 162-164.....	145	F 67-103.....	455	H 226-227.....	167
A 9-16.....	5	C 166-168.....	145	F 253.....	463	H 228.....	182
A 17-21.....	1	C 170.....	142	F 262-303.....	469	H 229-231.....	166
A 34-51.....	25	C 185-283.....	30			H 232.....	184
A 53.....	25					H 235-240.....	166
A 55.....	25					H 243-244.....	148
A 57.....	25	<b>D</b>		<b>G</b>		H 247-249.....	176
A 59.....	25	D 2.....	314	G 191.....	459	H 252-254.....	166
A 61-65.....	25	D 4-8.....	314	G 193-194.....	459	H 255-261.....	177
A 67-70.....	25	D 10-11.....	314	G 196.....	459	H 316-319.....	189
A 71-94.....	22	D 13.....	314	G 198.....	459	H 321.....	189
A 123-180.....	12	D 14-25.....	315	G 204-207.....	459	H 321-326.....	186
A 181-209.....	13	D 33-34.....	324	G 209-212.....	459	H 327.....	199
A 210-227.....	32	D 46-47.....	317	G 215-218.....	459	H 330.....	199
A 228-229.....	75	D 48-56.....	319	G 546-551.....	119	H 331-332.....	184
A 242-247.....	37	D 627.....	323	G 552-565.....	120	H 333.....	199
A 255.....	36	D 630.....	323	G 571-580.....	120	H 336.....	199
A 257-260.....	36	D 633.....	323	G 583-584.....	120	H 339-362.....	189
		D 635-640.....	323			H 369.....	189
<b>B</b>		D 642-653.....	340	<b>H</b>		H 383-384.....	151
B 6.....	49	D 669-677.....	323	H 5-6.....	402	H 386-387.....	151
B 7-9.....	48			H 8-12.....	402	H 389-394.....	151
B 10-18.....	54	D 681-684.....	323	H 13.....	401	H 407-408.....	163
B 19-21.....	49	D 741.....	349	H 14-15.....	402	H 411.....	163
B 22-23.....	53	D 745.....	349	H 18.....	402	H 412-417.....	240
B 31-36.....	56	D 764-769.....	353	H 20-21.....	402	H 418.....	241
B 76-81.....	63	D 770-773.....	354	H 24.....	402	H 421.....	241
B 92-100.....	61	D 774.....	353	H 27-28.....	402	H 432-444.....	247
B 101-112.....	64	D 775-778.....	354	H 29.....	401	H 475-476.....	296
B 114-128.....	69	D 779-780.....	346	H 31-32.....	401	H 478.....	296
		D 782-783.....	346	H 34.....	401	H 481-487.....	296
B 129-136.....	65	D 785.....	348	H 37.....	401	H 488-499.....	299
B 176.....	48			H 40.....	401	H 500-515.....	305
B 177.....	72	<b>E</b>		H 43-45.....	401	H 516-517.....	306
B 178.....	48	E 25-41.....	499	H 55-67.....	407	H 519-522.....	306
B 179.....	72	E 42-64.....	501	H 68-114.....	406	H 523-524.....	301
B 180-185.....	79	E 101-102.....	502	H 118-120.....	410	H 525.....	306
B 195-207.....	97	E 104-112.....	502	H 123.....	413	H 531.....	46
B 221-234.....	97	E 113.....	504	H 124.....	420	H 536-537.....	46
B 249-252.....	98	E 114-120.....	512	H 125-126.....	412		
		E 121-122.....	504			<b>J</b>	
<b>C</b>		E 124-128.....	504			J 1-2.....	250
C 1-2.....	31	E 133.....	504			J 6-9.....	282
C 8.....	31	E 136-139.....	504			J 10.....	290
C 10.....	31	E 162-170.....	511			J 11-18.....	288
C 25-73.....	4	E 172-175.....	511			J 32-33.....	289
C 74-78.....	892	E 177-180.....	513			J 84-85.....	905
C 80-87.....	34	E 185.....	513			J 91-102.....	260
C 88-114.....	128						
C 115-124.....	130	<b>F</b>				<b>K</b>	
C 133.....	130	F 1.....	454			K 1-2.....	893
C 135-137.....	130	F 2.....	456			K 8-27.....	902
C 139.....	125	F 6-9.....	454			K 29-33.....	902
C 140-151.....	136	F 9.....	463			K 35-39.....	902
C 152-155.....	135	F 22-33.....	462				
C 158-159.....	142						

# Historical Series—Index to Tables in Which *Historical Statistics* Series Appear—Continued

<i>Historical Statistics series</i>	<i>1967 Abstract table number</i>	<i>Historical Statistics series</i>	<i>1967 Abstract table number</i>	<i>Historical Statistics series</i>	<i>1967 Abstract table number</i>	<i>Historical Statistics series</i>	<i>1967 Abstract table number</i>
<b>K—CON.</b>		<b>L—CON.</b>		<b>M—CON.</b>		<b>Q—CON.</b>	
K 41-45.....	902	L 179.....	1006	M 239-240.....	1060	Q 143-152.....	847
K 61-62.....	895	L 181.....	1006	M 246-247.....	1056	Q 153-155.....	882
K 65-72.....	895	L 183.....	1006	M 249.....	1064	Q 161-166.....	882
K 73.....	343	L 185.....	1006	M 251-255.....	1065	Q 172-174.....	882
K 75-80.....	343	L 187.....	1006	M 256-257.....	1066	Q 178-180.....	885
K 81.....	911	L 189.....	1006	M 259-274.....	1027	Q 192-203.....	878
		L 193.....	1006			Q 210-215.....	866
K 102-103.....	928	L 196-197.....	1007			Q 216.....	865
K 104-115.....	929			<b>N</b>		Q 218-223.....	865
K 122-128.....	911			N 1-10.....	1067	Q 225-228.....	865
K 150-158.....	918	<b>M</b>		N 13-28.....	1067	Q 235-237.....	876
K 159.....	911			N 29-54.....	1068		
K 160.....	903	M 2.....	1024	N 55-58.....	1071	Q 246.....	801
K 162-167.....	637	M 4-5.....	1024	N 85-92.....	1075	Q 248-249.....	802
K 170-172.....	637	M 8.....	1024	N 95-98.....	1075	Q 261-264.....	805
K 173.....	636	M 13-14.....	1015	N 101-102.....	1075	Q 266.....	809
K 175-177.....	636	M 15-19.....	1019			Q 270-271.....	809
K 181-189.....	922	M 20.....	1015	N 139.....	1094	Q 273-277.....	809
K 190-194.....	925	M 21-22.....	1019	N 141-146.....	1094	Q 279.....	811
		M 24-28.....	1019	N 154-155.....	639	Q 310-315.....	815
K 195-202.....	965	M 30.....	1015	N 159.....	640	Q 319-320.....	813
K 205-212.....	962	M 31-37.....	1019	N 179.....	1104	Q 321-327.....	812
K 214-215.....	963	M 39-50.....	1021	N 181-185.....	1104	Q 328-329.....	810
K 217-218.....	963	M 51-53.....	1016	N 186-187.....	640	Q 330-340.....	827
K 220-221.....	963	M 57.....	1016	N 188.....	643		
K 223-224.....	963			N 189.....	1107	Q 342.....	850
K 226-239.....	966	M 72-76.....	753	N 190-194.....	1101	Q 343-344.....	851
		M 79-80.....	753	N 196-199.....	645	Q 352.....	855
K 240-241.....	1137	M 85.....	753	N 201.....	645	Q 354-362.....	855
K 242-244.....	968	M 88.....	1029			Q 376-383.....	853
K 246-251.....	968	M 91.....	1029	<b>P</b>		Q 384.....	855
K 253.....	968	M 95-96.....	1029	P 1-2.....	1110	Q 388-389.....	855
K 254-264.....	925	M 98.....	1029	P 4-5.....	1110	Q 393.....	855
K 265-267.....	936	M 102.....	1029	P 7-8.....	1110	Q 394.....	853
K 269-271.....	936	M 106.....	1029	P 24-26.....	1126	Q 396.....	853
K 272-273.....	939	M 108-116.....	1029	P 190-191.....	960		
K 274-291.....	936	M 117.....	1028	P 192.....	1131	<b>R</b>	
K 295-297.....	954	M 118.....	1029	P 194-196.....	1132	R 1-3.....	726
K 298-303.....	936			P 197.....	1135	R 6-13.....	726
K 305-312.....	936	M 120-123.....	1029	P 198.....	1138	R 14-15.....	727
K 317-328.....	958	M 125.....	1029	P 203-207.....	1158	R 17-21.....	727
		M 129.....	1029	P 208.....	1159	R 23-27.....	727
<b>L</b>		M 131-132.....	1029	P 210-211.....	1159	R 28-36.....	728
L 1-5.....	974	M 133.....	1033	P 212.....	1152	R 38-42.....	728
L 7-22.....	976	M 134.....	1022	P 233.....	1156	R 53.....	734
L 45-48.....	981	M 135-136.....	1033			R 56.....	734
L 50-51.....	981	M 137.....	1032			R 58-59.....	734
L 54-60.....	981	M 138-139.....	1036	<b>Q</b>			
L 61.....	992	M 143-144.....	1036	Q 4.....	799	R 64-65.....	734
L 64.....	992	M 148.....	1035	Q 6.....	799	R 68-71.....	735
L 67.....	992	M 150.....	1035	Q 8.....	799	R 72-74.....	734
L 70-71.....	991	M 152-155.....	1034	Q 10.....	799	R 76.....	734
				Q 44.....	837	R 78.....	734
L 72-84.....	986	M 157-166.....	1034	Q 47-51.....	837	R 80.....	734
L 85-88.....	987	M 168.....	1033	Q 55-59.....	839	R 84-85.....	734
L 91.....	987	M 171.....	1033	Q 60-61.....	837	R 86-89.....	735
L 92-96.....	988	M 178-179.....	1040	Q 63.....	839	R 90-94.....	736
L 100-105.....	979	M 180.....	1047	Q 64-72.....	837	R 99-102.....	1201
L 106-109.....	980	M 181-182.....	1044				
L 110-111.....	996	M 183.....	1042	Q 81-84.....	837	R 103.....	739
L 114-123.....	1002	M 185.....	1048	Q 86.....	837	R 104-105.....	741
L 125-129.....	1002	M 188-189.....	1048	Q 87-89.....	845	R 110-113.....	1201
		M 190.....	1049	Q 92.....	837	R 114-117.....	740
L 131.....	1002	M 195-196.....	1050	Q 93.....	843	R 120-126.....	736
L 133.....	1002	M 198.....	1050	Q 95-97.....	837	R 139-141.....	718
L 135-137.....	1002			Q 101-102.....	837	R 145.....	718
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## APPENDIX III

### Guide to Sources of Statistics

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for several years or new types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 997-1000) and in reports for particular commodities, industries, or similar segments of our economic and social structure. Because of the large number of such references, they are not included here.

Section references on the right-hand side of each page indicate where data from the report cited appear in the *Statistical Abstract*. Where both current reports and a summary volume are cited, the section reference often appears opposite the summary volume only. Reference to the sections indicated will enable the user to ascertain the type of information presented in the original source. It should not be assumed that all of the subjects from the original source are summarized in the *Abstract*.

Publications listed under each subject are divided into two main groups: "United States Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington. Mailing addresses of non-government agencies and of international organizations are given on pp. 1004-1006. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles. Specific volume numbers and subtitles of the major census publications are listed on pp. 992-996.

#### Accidents—see also Health; Insurance; and Vital Statistics

Abstract  
Sec. No.

##### *United States Government*

##### Bureau of Labor Statistics

Injury Rates by Industry. Irregular.

Monthly Labor Review..... 8, 11, 12, 25, 33

##### Bureau of Mines

Coal Mine Injuries and Employment. Monthly.

Information Circular series. Periodic publications.

Mineral Industry Surveys; Health and Safety series. Periodic publications.

##### Federal Aviation Administration

FAA Statistical Handbook of Aviation. Annual..... 22

##### Federal Railroad Administration

Accident Bulletin—Summary and Analysis of Accidents on Railroads in United States. Annual with monthly summary..... 21

Summary of Accidents Reported by All Line-Haul and Switching and Terminal Railroad Companies. Monthly, containing quarterly summaries.

##### Public Health Service

Accidental Death and Injury Statistics. Annual.

##### *Other*

##### National Safety Council, Chicago

Accident Facts. Annual..... 21

##### The Travelers Insurance Companies, Hartford

The Travelers Book of Street and Highway Accident Data. Annual.. 21

Advertising—see Service Establishments.

**Agriculture**—*see also* Construction; Economic Indexes; Irrigation; Labor;  
Money and Banking; *and* Population

*United States Government*

Agricultural Research Service

Index Numbers of Agricultural Production, by Regions, 1939-58.  
1960. (Statistical Bulletin No. 273.)

Bureau of the Census

Census of Agriculture. Quinquennial. (1964, most recent.) (*See*  
*also* pp. 992-993)----- 23, 24, 32

Cotton Production and Distribution. Annual----- 24, 29

Cotton Production in the United States. Annual.

Raw Materials in the United States Economy: 1900-1961. 1963.  
(Working Paper No. 6.)----- 27

U.S. Commodity Exports and Imports as Related to Output.  
Annual. (Series ES2.)----- 31

Commodity Exchange Authority

Commodity Futures Statistics. Annual----- 16

Department of Agriculture

Agricultural Statistics. Annual----- 2, 8, 16, 23-25, 29

Department of Agriculture, Agricultural Stabilization and Conservation  
Service

Commodity Credit Corporation Report of Financial Condition and  
Operations. Quarterly----- 23

Department of Agriculture, Conservation Needs Inventory Committee

Basic Statistics of the National Inventory of Soil and Water Con-  
servation Needs. 1962. (Statistical Bulletin 317.)

Department of Agriculture, Economic Research Service

Agricultural Finance Review. Annual with supplement----- 16

The Balance Sheet of Agriculture. Annual----- 23

Changes in Farm Production and Efficiency; Summary Report.  
Annual. (Statistical Bulletin No. 233.)----- 24

Costs and Returns on Commercial Farms; Long-Term Study, 1954-63.  
1966. (Statistical Bulletin No. 368.) Supplemented by Farm  
Costs and Returns; Commercial Farms by Type, Size, and Location.  
Annual. (Agriculture Information Bulletin No. 230.)

Farm-Operator Level-of-Living Indexes for Counties of the United  
States, 1950 and 1959. 1962. (Statistical Bulletin No. 321.)

Farm-Retail Spreads for Food Products, 1947-64. 1965. (ERS-  
226.)----- 23

Foreign Agricultural Trade of the United States. Monthly with  
annual supplement----- 24

Major Uses of Land and Water in the United States. July 1962.  
(Agricultural Economic Report No. 13.)----- 7

Situation Reports. Monthly, quarterly, annual----- 23, 24, 29

U.S. Food Consumption. Sources of Data and Trends, 1909-1963.  
1965. (Statistical Bulletin No. 364.) Supplemented annually.

Department of Agriculture, Statistical Reporting Service

Commercial Vegetables. Annual----- 24

Cotton and Cottonseed Production. Annual----- 24

Crop and Livestock Reports. (Farm production and disposition of  
principal crops, meat animals, milk, chickens, eggs, turkeys, etc.)  
Monthly, quarterly, annual----- 24

Crop Production. (Acreage, yield, and production, by States.)  
Monthly with annual summary----- 24

Crop Values; Season Average Prices Received by Farmers and Value  
of Production, by States. Annual----- 24

Milk Production, Disposition, and Income. Annual----- 24

Number of Farms, 1910-59; Land in Farms, 1950-59, by States.  
1962. (Statistical Bulletin No. 316.) Supplemented annually----- 23

Production of Manufactured Dairy Products. Annual----- 24

Seed Crops. Annual----- 24

Environmental Science Services Administration

Weekly Weather and Crop Bulletin. National summary.

**Agriculture—Continued**Abstract  
Sec. No.*United States Government—Continued*

Farm Credit Administration	
Loans and Discounts of Farm Credit Banks and Associations.	
Annual.....	16
Farmer Cooperative Service	
Statistics of Farmer Cooperatives. Annual.....	23
Federal Aviation Administration	
Aircraft in Agriculture, 1960. 1962.	
Foreign Agricultural Service	
Quantity Indexes of U.S. Agricultural Exports and Imports. Re-	
vised January 1960. (FAS-M-76.)	
Internal Revenue Service	
Statistics of Income. (Supplemental report on 1963 Farmers' Coop-	
erative Income Tax Returns.)	

*Other*

Resources for the Future, Inc. Washington, D.C. (Johns Hopkins Press, Baltimore)	
Resources in America's Future: Patterns of Requirements and Availabilities, 1960-2000, by Hans H. Landsberg and others. 1963.	
Trends in Natural Resource Commodities: Statistics of Prices, Output, Consumption, Foreign Trade, and Employment in the United States, 1870-1957, by Neal Potter and Francis J. Christy, Jr. 1962.	

Air Force—see National Defense.

Air Pollution—see Health.

Aliens—see Immigration.

American Samoa—see Outlying Areas.

Area—see Geography.

Army—see National Defense.

Aviation—see Transportation.

Banks and Banking—see Money.

Births—see Vital Statistics.

Broadcasting—see Communications.

Building Permits—see Construction.

**Business—see also** Economic Indexes; Investments; Manufactures; Scientific Resources; Service Establishments; and Wholesale and Retail Trade*United States Government*

Administrative Office of the United States Courts	
Tables of Bankruptcy Statistics. Annual.....	17
Board of Governors of the Federal Reserve System	
Federal Reserve Bulletin. Monthly.....	11, 14, 16, 17, 27-29, 31
Bureau of the Census	
Census of Business. (1929; 1933; 1935; 1939; 1948; 1954; 1958; 1963, most recent.) See also p. 993.....	21, 30, 32
County Business Patterns. Annually, 1946 to 1951; 1953; 1956; 1959; 1962; 1964; 1965.....	17
Enterprise Statistics: 1958. 1963. (Series ES 3.)	
Federal Trade Commission and Securities and Exchange Commission	
Quarterly Financial Report for Manufacturing Corporations.....	17
Internal Revenue Service	
Statistics of Income. (Annual reports on Corporation Income Tax Returns and U.S. Business Tax Returns.).....	14, 17, 30
Office of Business Economics	
The National Income and Product Accounts of the United States, 1929-1965. (Statistical Tables.) (Supplement to Survey of Current Business.).....	7, 11, 17, 30
Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial.....	7, 11, 12, 14, 16, 17, 22, 25, 29-31
President	
Economic Report of the President. Annual.....	11, 14



**Business—Continued***United States Government—Continued*Abstract  
Sec. No.

## Securities and Exchange Commission

Net Working Capital of U.S. Corporations. (Statistical Series.)  
Quarterly-----

17

Small Business Administration  
Annual Report.*Other*

Dun &amp; Bradstreet, New York

The Failure Record. Annual-----

17

Fortune (Time, Inc.), New York

The Fortune Directory of the 500 Largest Industrial Corporations.  
(Annual supplement to Fortune.)-----

17

National Bureau of Economic Research, New York

Capital and Rates of Return in Manufacturing Industries, by George J.  
Stigler. 1963. (General Series 78.)Cost, Prices, and Profits: Their Cyclical Relations, by Thor Hultgren.  
1965. (Studies in Business Cycles 14.)Diversification and Integration in American Industry, by Michael  
Gort. 1962. (General Series 77.)Information, Expectations, and Inventory fluctuation: A Study of  
Materials Stock on Hand and on Order, by Ruth P. Mack. 1967.  
(Studies in Business Cycles 15.)The Measurement of Corporate Sources and Uses of Funds, by  
David Meiselman and Eli Shapiro. 1964. (Technical Paper 18.)Merger Movements in American Industry, 1895-1956, by Ralph L.  
Nelson. 1959. (General Series 66.)The Quality of Trade Credit, by Martin H. Seiden. 1964. (Occa-  
sional Paper 87.)

Canal Zone—see Outlying Areas.

Child Welfare—see Education; and Social Insurance.

City Government—see State and Local Government.

Civil Service—see Federal Government; and State and Local Government.

**Climate***United States Government*

## Environmental Science Services Administration

Climates of the States. Issued for States and outlying areas. 1959-61.  
(Climatology of the United States, No. 60.)Climatological Data. National Summary; also issued in sections for  
States and outlying areas. Monthly with annual summary-----

6

Daily River Stages. Annual.

Hourly Precipitation Data. Monthly with annual summary.

Local Climatological Data. Monthly with annual summary.

Weekly Weather and Crop Bulletin. National summary.

**Commodity Prices—see also Economic Indexes***United States Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly----- 11, 14, 16, 17, 27-29, 31

Bureau of Labor Statistics

Consumer Price Index. Monthly-----

12

Consumer Price Index, U.S. City Average and Selected Areas.  
Monthly-----

12

Consumer Prices in the United States, 1953-58; Price Trends and  
Indexes. 1959. (Bulletin No. 1256.)

Daily Indexes and Spot Market Prices, weekly summary-----

12

Estimated Retail Food Prices by Cities-----

12

Monthly Labor Review----- 8, 11, 12, 25, 33

Price Trends. March 1966. (Bulletin No. 1510.)

Prices: A Chartbook, 1953-62. 1962. (Bulletin No. 1351.) Sup-  
plement. 1963. (Bulletin No. 1351-1.)

Prices, 1965-66. 1967.

Relative Importance of Items in the Consumer Price Index, Decem-  
ber 1965-----

12

**Commodity Prices—Continued**Abstract  
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## Bureau of Labor Statistics—Continued

Retail Food Prices by Cities. Monthly and annual averages..... 12

Retail Prices of Food; Indexes and Average Prices.

Retail Prices and Indexes of Fuels and Electricity. Monthly..... 12

Seasonal Adjustment Factors; Wholesale Price Index: Selected Series, 1948-61. 1963.

Seasonal Factors: Consumer Price Index; Selected Series, June 1953-May 1961. 1963. (Bulletin No. 1366.)

Wholesale Prices and Price Indexes. Monthly and annual..... 12, 27-29

## Congress. Joint Economic Committee

Government Price Statistics. Hearings before the Subcommittee . . . 1961. Part 1. (87th Congress, First Session.)

## Department of Agriculture

Agricultural Statistics. Annual..... 2, 8, 16, 23-25, 29

## Department of Agriculture, Agricultural Stabilization and Conservation Service

Commodity Credit Corporation Report of Financial Condition and Operations. Quarterly..... 23

## Department of Agriculture, Statistical Reporting Service

Crop Values; Season Average Prices Received by Farmers and Value of Production, by States. Annual..... 24

*Other*

## Commodity Research Bureau, New York

Commodity Yearbook. Annual.

## Morgan Guaranty Trust Company of New York, New York

The Morgan Guaranty Survey. Monthly. (Wholesale price index.)

## National Bureau of Economic Research, New York

Measuring International Price Competitiveness: A Preliminary Report, by Irving B. Kravis, Robert E. Lipsey, and Philip J. Bourque. 1965. (Occasional Paper 94.)

Price and Quantity Trends in the Foreign Trade of the United States, by Robert E. Lipsey. 1963. (Studies in International Economic Relations 2.)

The Price Statistics of the Federal Government, prepared by The Price Statistics Review Committee. 1961. (General Series 73.)

## National Industrial Conference Board, Inc., New York

Comparative Living Cost in 20 Cities. (Technical Paper No. 14.) 1964..... 12

Wall Street Journal. (Dow Jones &amp; Company, New York.) Daily except Saturdays, Sundays, and holidays.

**Communications—see also Newspapers***United States Government*

## Bureau of the Census

Households With Television Sets in the United States. Irregular. (Current Housing Reports, H-121, Housing Characteristics.).... 18

## Federal Communications Commission

AM-FM Broadcast Financial Data. Annual..... 18

Annual Report..... 18

Quarterly Operating Data of 47 Telephone Carriers.

Quarterly Operating Data of Telegraph Carriers.

Statistics of Communications Common Carriers. Annual..... 18

Survey of Political Broadcasting. Primary and General Election

Campaigns of 1964. July 1965..... 13

TV Broadcast Financial Data. Annual..... 18

## Post Office Department

Annual Report of the Postmaster General and its supplement..... 18

Cost Ascertainment Report. Annual..... 18

*Other*

## Advertising Research Foundation, New York

National Survey of Television Sets in U.S. Households. Periodic.

## American Telephone and Telegraph Company, New York

The World's Telephones. Annual.

**Communications—Continued**Abstract  
Sec. No.*Other—Continued*

National Bureau of Economic Research, New York

Capital in Transportation, Communications, and Public Utilities:  
Its Formation and Financing, by Melville J. Ulmer. 1959. (Studies  
in Capital Formation and Financing 4.)United States Independent Telephone Association, Washington, D.C.  
Statistics of the Independent Telephone Industry. Annual-----

18

**Construction, Housing, and Real Estate—see also Roads***United States Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly----- 11, 14, 16, 17, 27-29, 31

Bureau of the Census

Census of Housing. Decennial. (1960, most recent.) *See also* p. 996- 28Congressional District Data Book (Districts of the 88th Congress).  
1963. Supplements for redistricted States, 89th Congress, 1965.  
Supplements for redistricted States, 90th Congress, 1966. (A Statis-  
tical Abstract Supplement.)----- 13, 28Current Construction Reports. Monthly series on Housing Starts,  
C20; Construction Activity, C30; Building Permits, C40 and  
C42; Residential Alterations and Repairs, C50; and monthly  
series with quarterly and annual supplements on Housing Sales,  
Census-HUD C25----- 28New Residential Construction Authorized in Permit-Issuing Places:  
Revised Data for April 1960 and Prior Periods. 1960. (Con-  
struction Reports, Building Permits, C49.)

1956 National Housing Inventory.

Vacant Housing Units in the United States. Quarterly. (Current  
Housing Reports, H-111, Housing Vacancies.)----- 28

Bureau of Labor Statistics

City Worker's Family Budget and Retired Couple's Budget. (MLR  
Reprint Nos. 2346 and 2354.) (Annual Budget Costs and Intercity  
Indexes for Rent, Heat, and Utilities—20 Cities: 1959.) 1966.Consumer Expenditures and Income, total United States, Urban and  
Rural, 1960-1961. (BLS Report No. 237-93.) 1966----- 11Consumer Price Index. Monthly. (Housing, rent, and home owner-  
ship indexes.)

Monthly Labor Review----- 8, 11, 12, 25, 33

Nonfarm Housing Starts, 1889-1958. 1959. (Bulletin No. 1260.)

Trends in Building Permit Activity. 1959. (Bulletin No. 1243.)

Union Wages and Hours: Building Trades. Annual with quarterly  
releases.Bureau of Labor Statistics and Business and Defense Services Adminis-  
trationValue of New Construction Put in Place (New Construction Expendi-  
tures), 1945-1958. 1959.

Business and Defense Services Administration

Construction Review. Monthly----- 12, 21, 25, 28

Construction Statistics, 1915-1964. A Statistical Supplement to  
Construction Review. 1965.

Department of Agriculture, Economic Research Service

Farm Real Estate Market Developments. Three times a year----- 23

Department of Housing and Urban Development, Housing Assistance  
Administration

Annual Report----- 28

Housing Statistics. Monthly and annual. Historical Supplement,  
October 1961.

Federal Home Loan Bank Board

Annual Report.

Savings and Home Financing Source Book. Annual----- 16, 28

Office of Business Economics

The National Income and Product Accounts of the United States,  
1929-1965.Survey of Current Business. Monthly. Supplemented by Business  
Statistics, weekly and biennial ----- 7, 11, 12, 14, 16, 17, 22, 25, 29-31



**Construction, Housing, and Real Estate—Continued**Abstract  
Sec. No.*United States Government—Continued*

## Office of Education

Financing Public School Facilities. 1959. (Miscellaneous No. 32.)

## Veterans Administration

Loan Guaranty Highlights. Monthly----- 9, 28

*Other*

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Dodge Construction Contract Statistics Service. Monthly----- 28

## National Bureau of Economic Research, New York

Evidences of Long Swings in Aggregate Construction Since the Civil War, by Moses Abramovitz. 1965. (Occasional Paper 90.)

Housing Issues in Economic Stabilization Policy, by Leo Grebler. 1960. (Occasional Paper 72.)

The Postwar Residential Mortgage Market, by Saul B. Klamman. 1961. (Studies in Capital Formation and Financing 8.)

The Postwar Rise of Mortgage Companies, by Saul B. Klamman. 1959. (Occasional Paper 60.)

Studies in the National Balance Sheet of the United States, by Raymond W. Goldsmith and others. 2 vols. 1963. (Studies in Capital Formation and Financing 11.)

Resources for the Future, Inc., Washington, D.C. (Johns Hopkins Press, Baltimore)

Resources in America's Future: Patterns of Requirements and Availabilities, 1960–2000, by Hans H. Landsberg and others. 1963.

**Consumer Income and Expenditures—see also Agriculture; Economic Indexes; Investments; and National Income***United States Government*

## Bureau of the Census

Current Population Reports. (Series on Consumer Income, P-60, and Consumer Buying Indicators, P-65.)----- 4, 10, 11

Income Distribution in the United States, by Herman P. Miller (A 1960 Census Monograph, prepared for and in cooperation with the Social Science Research Council.) 1966.

Trends in the Income of Families and Persons in the United States: 1947 to 1960. 1963. (Technical Paper No. 8.)

## Bureau of Labor Statistics

Consumer Expenditures and Income, Total United States, Urban and Rural, 1960–61. 1964. (BLS Report No. 237–93.)----- 11

Monthly Labor Review----- 8, 11, 12, 25, 33

Survey of Consumer Expenditures, 1960–61. (Series of Analytical Reports on Consumer Expenditures and Income.) (BLS Report Series No. 238.)

## Congress. House Committee on Education and Labor

Poverty in the United States. 1964. (88th Congress, Committee Print.)

## Department of Agriculture, Economic Research Service

Median Family Income and Related Data, by Counties, Including Rural Farm Income. 1964. (Statistical Bulletin No. 339.)

Urban and Rural Levels of Living: 1960. July 1965. (Agricultural Economic Report No. 79.)

## Internal Revenue Service

Statistics of Income. (Annual report on Individual Income Tax Returns.)----- 14, 17, 30

## Office of Business Economics

Income Distribution in the United States, by Size, 1944–1950. (Supplement to Survey of Current Business.) 1953. Updated and published annually in the April issue.

Personal Income by States Since 1929. (Supplement to Survey of Current Business.) 1956. Updated and published annually in the April and August issues.----- 11

Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial----- 7, 11, 12, 14, 16, 17, 22, 25, 29–31

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Securities and Exchange Commission

Statistical Bulletin. Monthly ..... 11, 16

*Other*

The Brookings Institution, Washington, D.C.

Economic Behavior of the Affluent, by Robin Barlow, Harvey E. Brazer, and James N. Morgan. November 1966.

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A National Study of Major Appliances. 1963.

A National Study of Small Electrical Appliances. 1963.

Michigan, University, Survey Research Center, Ann Arbor

Survey of Consumer Finances. Annual ..... 11, 17, 21

Miller, Herman P. (Thomas Y. Crowell, New York)

Rich Man, Poor Man. 1964.

National Bureau of Economic Research, New York

Anticipations and Purchases; An Analysis of Consumer Behavior, by F. Thomas Juster. 1964. (General Series 79.)

Consumer Buying Intentions and Purchase Probability: An Experiment in Survey Design, by F. Thomas Juster. 1966. (Occasional Paper 99.)

Consumer Credit Costs, 1949–59, by Paul F. Smith. 1964. (Studies in Consumer Installment Financing 11.)

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Telephone and Telegraph Systems—*see* Communications.

Television—*see* Communications.

Trade—*see* Foreign Commerce; Service Establishments; *and* Wholesale and Retail Trade.

**Transportation**—*see also* Foreign Commerce; *and* Roads

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Census of Transportation. (1963, most recent.) *See also* pp. 994–995. 8, 21

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Merchant Marine Statistics. Annual..... 22

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Earnings and Employment of Seamen on U.S. Flag Ships. 1958. (Bulletin No. 1238.)

Bureau of Public Roads

Highway Statistics. Annual..... 21

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Civil Aeronautics Board and Federal Aviation Administration.

Airport Activity Statistics of Certificated Route Air Carriers. Semi-annual.

Federal Aviation Administration.

Census of U.S. Civil Aircraft, as of December 31, 1964. 1965.

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Transport Economics. Monthly..... 21

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Part 1—Railroads, Their Lessors and Proprietary Companies, The Pullman Company (Sleeping Car Companies), and Railway Express Agency, Inc. (Express Company)..... 21

Part 4—Electric Railways.

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**Vital Statistics**—*see also* Accidents; *and* Health

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Monthly Vital Statistics Report, Provisional Statistics. Monthly, with annual summary..... 2, 32

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Welfare Services—*see* Health; *and* Social Insurance.



**Wholesale and Retail Trade**—*see also* *Commodity Prices; Economic Indexes; and Service Establishments*

*United States Government*

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**Wholesale Prices**—*see* *Commodity Prices*.

**Work Relief**—*see* *Social Insurance*.

**Work Stoppages**—*see* *Labor*.

## Publications of Recent Censuses

Listed below are major reports of the most recent censuses. In most cases separate reports are available for each State, subject, industry, etc. Preliminary reports which have been issued are not included in the list.

Complete information on publications of all the censuses appears in the *Bureau of the Census Catalog*, which is published quarterly and cumulated to the annual issue. A list of data files (computer tapes and punchcards) and unpublished materials is also included, beginning with the 1964 issues. A sample copy of the *Catalog* is available from the Bureau of the Census on request. The annual subscription price is \$1.75 for 4 quarterly issues and 12 monthly supplements (75¢ additional for foreign mailing).

### 1964 CENSUS OF AGRICULTURE

Vol. I. Counties. 53 reports; 1 for each State, Puerto Rico, Guam, and Virgin Islands. Data by counties and the State for farms; land in farms classified by use; value of farms; irrigated farms; irrigated acreage; farms and acreage by size of farm and by tenure of farm operator; statistics for commercial farms, number of farms by economic class and type; characteristics of persons in farm operator households; farm equipment and facilities; use of fertilizer and lime; acreage treated with agricultural chemicals; expenditures for feed, livestock, poultry, seeds, gasoline and other petroleum products, contract and custom work, and hired labor; number of livestock and poultry on farms, and quantity and value of livestock, poultry, and livestock and poultry products sold; acreage, quantity harvested, and quantity sold for each important crop; acreage and quantity of

## 1964 CENSUS OF AGRICULTURE—Continued

crops harvested from irrigated land; and nursery, greenhouse, and forest products produced and sold.

Vol. II. U.S. Summary. Presents summary of data given in Volume I for the U.S. and by region (available early in 1968).

Vol. III. Special report (available early in 1968) presents data obtained in special sample surveys for the year 1965 for persons working on farms and hours of work, by age and sex of worker, by type of farm; income of farm operators by source; farm expenditures for automobiles, motor trucks, tractors, farm machinery, insecticides, fungicides, and herbicides; quantity of gasoline, diesel fuel and other petroleum products purchased by farmers; number and characteristics of new buildings constructed on farms, 1963-1965, and debts of farm operators and owners of farm land, by source and type of loan.

## 1963 CENSUS OF BUSINESS

## Retail Trade

Vol. I. Summary Statistics. Data by kind of business on sales and employment size of establishment, single units and multiunits, legal form of organization, and merchandise line sales for the United States, States, and, except in the report on legal form of organization, standard metropolitan statistical areas. The merchandise line report includes data for geographic divisions.

Vol. II. Area Statistics. For each State, the District of Columbia, the United States, the Virgin Islands, and Guam. Data for the State, standard metropolitan statistical areas, counties, and cities, by kind of business.

Vol. III. Major Retail Centers. Data for each of 116 standard metropolitan statistical areas and a U.S. summary. Data also shown for central business districts in cities of 100,000 inhabitants or more and for other major retail centers in SMSA's.

## Wholesale Trade

Vol. IV. Summary Statistics. Data by kind of business on sales and employment size of establishment, single units and multiunits, receivables and bad debt losses, sales by class of customer, warehouse and storage space, petroleum bulk stations and terminals, and commodity line sales for the United States and, frequently, geographic divisions, States, and standard metropolitan statistical areas. Also includes chapters on legal form of organization, public warehousing, miscellaneous material, and a U.S. summary.

Vol. V. Area Statistics. For each State, the District of Columbia, the United States, the Virgin Islands, and Guam. Data for the State, standard metropolitan statistical areas, counties, and cities, by kind of business.

## Selected Services

Vol. VI. Summary Statistics. Data by kind of business on receipts and employment size of establishment, single units and multiunits, legal form of organization, hotels, motor hotels and motels, laundries, cleaning plants and related services, and motion pictures for the United States and, in most cases, States and standard metropolitan statistical areas. Also includes miscellaneous data and a U.S. summary chapter.

Vol. VII. Area Statistics. For each State, the District of Columbia, the United States, the Virgin Islands, and Guam. Data for the State, standard metropolitan statistical areas, counties, and cities, by kind of business.

## Outlying Areas

BC63-PR(Rev.). Puerto Rico. 1 report. Wholesale, retail, and selected services data by kind of business, for the island, standard metropolitan statistical areas, regions, municipios, cities, towns, and villages. Data by receipts size, employment size, and legal form of organization are shown for the island and the San Juan SMSA. Data are also published for 7 major retail centers and 9 business districts.

EC63-1. Virgin Islands of the United States. 1 report. Mining, manufacturing, wholesale, retail, and selected services data by kind of business, for the islands, and for Charlotte Amalie, Christiansted, and Frederiksted. Retail, wholesale, and selected services data also shown in vols. II, V, and VII, respectively.

EC63-2. Guam. 1 report. Manufacturing, wholesale, retail, and selected services data by kind of business, for the island and for cities and villages having 1,000 or more inhabitants. Retail, wholesale, and selected services data also shown in vols. II, V, and VII, respectively.



**1963 CENSUS OF COMMERCIAL FISHERIES**

FC63-1. Census of Commercial Fisheries. Number of fishing vessels and operators; employment and gross receipts; fishing regions, primary catch, and fishing gear; and size of vessel, cost, and year purchased or built.

**1963 CENSUS OF MANUFACTURES**

Vol. I. Summary and Subject Statistics. Detailed final statistics for individual subjects such as size of establishments, legal form of organization, inventories, capital expenditures, gross book value of fixed assets and rental payments, fuels and electric energy and power equipment. Also includes historical summary, concentration ratios, and special reports on manufacturing activity in government establishments, shipments of defense-oriented industries, and origin of exports of manufactured products.

Vol. II. Industry Statistics. Final data for each of the 430 manufacturing industries on quantity and value of products shipped and materials consumed, cost of fuels and electric energy, capital expenditures, inventories, employment, payrolls, man-hours, value added by manufacture, horsepower of equipment, number of establishments and number of companies. Comparable figures for earlier years are included. Also includes a summary chapter and special reports on manufacturing activity in government establishments.

Vol. III. Area Statistics. For each State and the District of Columbia. Final statistics for the State, standard metropolitan statistical areas, counties, and cities with 10,000 or more inhabitants. Also includes a summary chapter and a special report on manufacturing activity in government establishments.

MC63-PR. Statistics for Puerto Rico. Final figures for number of establishments, employment, payrolls, value of shipments, value added, inventories, capital expenditures, products, and employment of production workers by quarters, distributed by industry, geographic area, and tax status of establishments. Conducted jointly with the Puerto Rico Planning Board.

**1963 CENSUS OF MINERAL INDUSTRIES**

MIC63(1)-1 to 7. Subject Reports. Each report contains detailed final statistics for an individual subject, as size of establishment; employment and related statistics; type of operations; fuels, electric energy, and supplies; and horsepower.

MIC63(1)-10A to 14F. Industry Reports. Final figures for each of 50 mineral industries and 13 subindustries on quantity and value of products shipped and supplies used, quantity and cost of fuels and electric energy purchased and the quantities produced and consumed, capital expenditures, employment, payrolls, man-hours, cost of contract work, cost of purchased machinery, value added in mining, horsepower of equipment, number of establishments, and number of companies. Comparable figures for earlier years are included.

MIC63(2)-1 to 49. Area Statistics. For each State and geographic division, data on number of establishments, value of shipments and receipts, number of employees, man-hours, wages and salaries, cost of supplies, and capital expenditures, by counties and industries.

**1963 CENSUS OF TRANSPORTATION**

Vol. I. Passenger Transportation Survey. Part 1—National Travel. Travel characteristics, including means of transportation, purpose, distance, and duration of trip, family income and other characteristics of travelers, type of lodging, etc., and cross-classifications of these data. Part 2—Home-to-Work Travel. Characteristics of work commuters, by distance to work, means of transportation, distance to nearest public transportation, one-way fare, etc.

Vol. II. Truck Inventory and Use Survey. Truck statistics for the U.S., the 9 Geographic Divisions, the 50 States, and the District of Columbia. Data are presented for motor trucks by year model, size class, load length or capacity, body and vehicle type, major use, driver man-hours, type of fuel, truck fleets, area of operation, etc.

Vol. III. Commodity Transportation Survey. Book 1 contains data for commodity groups with emphasis on traffic patterns of specific commodities; Book 2 presents commodity flow data on separate shipper groups which are general classes of industrial establishments engaged primarily in manufacturing products shipped outside the local area. Data on tons and ton-miles of shipments are shown by distance, weight, commodity description, origin and destination of shipment.



## 1963 CENSUS OF TRANSPORTATION—Continued

- Vol. IV. Motor Carrier Survey. Data on bus carriers, truck carriers, and local trucking service, covering type of operation, area of service, equipment, revenues and expenses, employees, etc.

## 1962 CENSUS OF GOVERNMENTS

- Vol. I. Governmental Organization. Number of governmental units and dependent school systems, by States. Includes local governments by county.
- Vol. II. Taxable Property Values in the United States. Data on valuations set for general property taxation, including statistics by State, county, and cities of 300,000 or more inhabitants; and results of a sample survey of real estate sales.
- Vol. III. Compendium of Public Employment.  
Data on State and local government employees, pay, and retirement.
- Vol. IV. Governmental Finances.  
No. 1. Finances of School Districts.  
No. 2. Finances of County Governments.  
No. 3. Finances of Municipalities and Township Governments.  
No. 4. Compendium of Government Finances. A comprehensive summary of the census findings on Federal, State, and local governmental finances.
- Vol. V. Local Government in Metropolitan Areas. Data on local governments, employment, and finances.
- Vol. VI. Topical Studies.  
No. 1. Employee-Retirement Systems of State and Local Governments.  
No. 2. State Payments to Local Governments.  
No. 3. State Reports on State and Local Government Finances.  
No. 4. Historical Statistics on Governmental Finances and Employment.  
No. 5. Graphic Summary of the 1962 Census of Governments.
- Vol. VII. State Reports. 52 reports; 1 for each State, the District of Columbia, and the Commonwealth of Puerto Rico. Data on governmental structure, employment, and finances.

## 1960 CENSUS OF POPULATION

- Vol. I. Characteristics of the Population. Separate reports for the United States, each State, the District of Columbia, Puerto Rico, Guam, Virgin Islands, American Samoa, and Canal Zone. First issued in four separate, paperbound chapters, designated as A, B, C, and D, for each area. The four chapters for each area were then assembled and issued in buckram as numbered parts of Vol. I. In addition, all of the 57 chapters A have been assembled and issued in buckram as Part A of Vol. I.
- Chapter A. Number of Inhabitants. Final population counts for States and counties and their urban and rural parts, and for standard metropolitan statistical areas, urbanized areas, all incorporated places, unincorporated places of 1,000 or more inhabitants, and minor civil divisions.
- Chapter B. General Population Characteristics. Sex, age, marital status, color or race, and relationship to head of household.
- Chapter C. General Social and Economic Characteristics. Statistics on nativity and parentage, State of birth, mobility, education, families and their composition, employment status, occupation, income, and other subjects.
- Chapter D. Detailed Characteristics. These reports present most of the subjects covered in chapter C, classified by age, color, and other characteristics, with additional information on families, single years of age, occupation, and industry.
- Vol. II. Subject Reports. 31 reports planned (29 issued as of June 1966; remainder in preparation). Devoted essentially to detailed cross-relationships for the United States and regions and, in some cases, standard metropolitan statistical areas, for such subjects as national origin and race, fertility, families, marital status, migration, education, employment, unemployment, occupation, industry, income, characteristics of teachers, professional workers, and veterans, and other subjects.
- Vol. III. Selected Area Reports. Five reports showing selected characteristics of the population (1) for State economic areas, (2) according to size of place, (3) for Americans overseas, (4) for standard metropolitan statistical areas, and (5) according to type of place.
- Census Tract Reports. One report for each of 180 tracted areas in the United States and Puerto Rico. Information on population and housing subjects.

## 1960 CENSUS OF HOUSING

- Vol. I. States and Small Areas. Separate reports for the United States, each State the District of Columbia, Puerto Rico, Guam, and Virgin Islands. Information on tenure, color, vacancy status, population per occupied housing unit, number of persons per room, number of rooms, type of structure, condition and plumbing facilities, equipment and facilities, financial characteristics and other subjects, for the State, counties, urbanized areas, standard metropolitan statistical areas, and places of 1,000 inhabitants or more. Also assembled and issued as 9 buckram-bound books, including a United States summary (Part 1) and parts for groups of States in alphabetic order.
- Vol. II. Metropolitan Housing. 202 reports; 1 for the United States, 1 for each geographic division, 1 for each standard metropolitan statistical area with 100,000 inhabitants or more, and separate reports for the San Juan and Ponce SMSA's in Puerto Rico.
- Vol. III. City Blocks. 420 reports; 1 for each city with 50,000 inhabitants or more in the 1950 Census, the 1960 Census, or in special censuses and reports covering about 200 places that requested inclusion in the block statistics program and reimbursed the Bureau of the Census for the cost of such inclusion.
- Vol. IV. Components of Inventory Change.
- Part 1A. 1950 to 1959 Components, United States and selected metropolitan areas. 18 reports, 1 for the United States (and 1 each for 15 standard metropolitan statistical areas and 2 standard consolidated areas; issued December 1961–May 1962), on the source of the 1959 inventory and the disposition of the 1950 inventory in terms of such changes as new construction, conversion, merger, and demolition, and of units which remained the same. Characteristics shown for all units.
- Part 1B. Inventory Characteristics, United States and selected metropolitan areas. 18 reports (same as part 1A) on characteristics of the inventory and of units occupied by households involved in moves in 1958–1959.
- Part 2. 1957 to 1959, United States and selected metropolitan areas. 10 reports, 1 each for the United States and for 9 of the selected areas (those covered in the 1956 National Housing Inventory). Measurements and characteristics of the components of change since 1956.
- Vol. V. Residential Finance.
- Part 1. Homeowner Properties, United States and selected metropolitan areas. Data on financing and characteristics, for the United States, by region, and for each of 17 large metropolitan areas.
- Part 1. Supplement. Homeowner Properties—Nonwhite Properties.
- Part 2. Rental and Vacant Properties, United States. Data similar to those in Part 1, for the United States.
- Vol. VI. Rural Housing. Analytical tables for 121 economic subregions and the United States, showing interrelationships between selected housing and household characteristics of occupied units and selected characteristics for nonfarm vacant units.
- Vol. VII. Housing of Senior Citizens. Cross tabulations of housing and household characteristics of units occupied by persons 60 years old and over, for the United States, each State, the District of Columbia, and selected standard metropolitan statistical areas.

## Guide to State Statistical Abstracts

This bibliography includes the most recent State statistical abstracts (including one for Puerto Rico) published since 1960 plus those now in preparation that will be issued in late 1967 or early 1968. When a statistical abstract does not exist for a particular State, a near equivalent has been listed, wherever possible. For some States, two or more such publications have been listed. All sources contain, under one cover, statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications cited as "In process" are approximate.

### Alabama

University of Alabama, University, Bureau of Business Research  
*Economic Abstract of Alabama.* 1966. 200 pp.

### Alaska

Department of Economic Development and Planning, Juneau  
*Alaska's Population and Economy—Regional Growth, Development and Future Outlook.* Volume II, *Statistical Handbook.* 1962. 229 pp.

### Arizona

University of Arizona, Tucson, Division of Economic and Business Research  
(formerly Bureau of Business and Public Research)  
*Arizona County Base Book.* 4th ed. 1962. 59 pp.  
Valley National Bank, Phoenix  
*Arizona Statistical Review.* 23d ed. 1967.

### Arkansas

Arkansas Almanac, Incorporated, Little Rock  
*Arkansas Almanac 1968.* 10th ed. 320 pp. (In process.)

### California

Department of Finance, Sacramento, Budget Division  
*California Statistical Abstract.* 7th ed. 1966. 250 pp.

### Colorado

State Planning Division, Denver  
*Colorado Year Book, 1962-1964.* 26th ed. 1965. 1072 pp.

### Connecticut

Connecticut Development Commission, Hartford, Business and Industrial  
Development Division  
*Connecticut Market Data.* 1968. 128 pp. (In process.)

### Delaware

University of Delaware, Newark, Bureau of Economic and Business Research  
*The Delaware Economy 1939-1958.* 1961. 95 pp.

### Florida

University of Florida, Gainesville, Bureau of Economic and Business Research  
*Florida Statistical Abstract, 1967.* 1st ed. 1967. (2d ed. in process.)

### Georgia

University of Georgia, Athens, Bureau of Business and Economic Research  
*Georgia Statistical Abstract, 1967.* 1967. 500 pp.

### Hawaii

Department of Planning and Economic Development, Honolulu  
*The State of Hawaii Data Book: A Statistical Abstract.* 1967. 66 pp.

### Idaho

University of Idaho, Moscow, Bureau of Business and Economic Research  
*Idaho Statistical Abstract.* 1966. 286 pp.

### Illinois

Department of Business and Economic Development, Springfield  
*County Data Sheets.* 1966. unpp.

### Indiana

Indiana State Chamber of Commerce, Indianapolis  
*Statistical Abstract of Indiana Counties.* 1963.



**Iowa**

City Council, Sioux City  
*City and Community Measurement; A Statistical Reference for 20 Iowa Cities.*  
 7th ed. 1965. 152 pp.

**Kansas**

University of Kansas, Lawrence, Center for Regional Studies  
*Kansas Statistical Abstract, 1966.* 1967. 84 pp.

**Kentucky**

Department of Commerce, Frankfort  
*Deskbook of Kentucky Economic Statistics.* 6th ed. 1963. 53 pp. (7th ed. forthcoming.)

**Louisiana**

Louisiana State University, New Orleans, Division of Business and Economic Research  
*Statistical Abstract of Louisiana.* 2d ed. 1967. 374 pp.

**Maine**

Department of Economic Development, Augusta  
*The Maine Handbook—A Statistical Abstract.* 1st ed. 1967. 200 pp.  
 (In process.)

**Maryland**

Department of Economic Development, Annapolis  
*Statistical Abstract.* 1967. 169 pp.

**Massachusetts**

Department of Commerce and Development, Boston  
*Facts Book.* 1967. unp.

**Michigan**

Michigan State University, East Lansing, Bureau of Business and Economic Research  
*Michigan Statistical Abstract.* 6th ed. 1966. 425 pp.

**Minnesota**

Department of Economic Development (formerly Department of Business Development), Saint Paul, Division of Research  
*A Statistical Profile of the State of Minnesota.* 4th ed. 1966. 43 pp.

**Mississippi**

Mississippi Research and Development Center, Jackson  
*Economic Highlights of Mississippi.* 1966. 41 pp.  
*Handbook of Selected Data for Mississippi.* 1967. (Varied paging.)

**Missouri**

University of Missouri, Columbia, Extension Division  
*Data for Missouri Counties.* 1964. (Loose leaf; updated periodically.)

**Montana**

Montana State University, Missoula  
*The Montana Almanac, Statistical Supplement, 1962-63.* 1962. 110 pp.

**Nebraska**

University of Nebraska, Lincoln, Bureau of Business Research  
*Statistical Abstract of Nebraska.* 1967. (In process.)

**Nevada**

Department of Economic Development, Carson City  
*Community Profiles.* 1967. 184 pp.

**New Jersey**

Department of Conservation and Economic Development, Trenton  
*County Data Sheets.* (Not dated.) 92 pp. (County Data Series.) Includes data for 1950-58.  
*Supplements:* 1958-60; 1960-62; 1962-64. 48 pp. each.  
*County Summary.* 1964; 1965; 1966. 6 pp. each.  
 The New Jersey Almanac, Inc., Cedar Grove  
*The New Jersey Almanac, 1966-67.* 2d ed. 768 pp.

**New Mexico**

- University of New Mexico, Albuquerque, Bureau of Business Research  
*The State's Economy in 1966*, published in *New Mexico Business*, V. 20, No. 3,  
 March 1967, and as a reprint. 77 pp.

**New York**

- Department of Commerce, Albany  
*Annual Summary of Business Statistics, 1958-1966*. 1967. 28 pp.  
*Business Fact Book, New York State*. Part 1. *Business and Manufacturing*.  
 1967-68. Part 2. *Population and Housing*. 1963. (Separate sections pub-  
 lished for the State and each of the 12 economic areas in the State.) 7th  
 Annual Supplement. 1967.  
 Executive Department, Albany, Division of the Budget  
*Statistical Yearbook of New York State*. 1st ed. 1967. 150 pp. (In  
 process.)

**North Carolina**

- Wachovia Bank and Trust Company, Winston-Salem  
*North Carolina County Data*. 1966. 301 pp.

**North Dakota**

- Economic Development Commission, Bismarck  
*North Dakota Growth Indicators, 1967-68*. 5th ed. 1967. 40 pp.

**Ohio**

- Department of Industrial and Economic Development, Columbus  
*Statistical Abstract of Ohio: 1960*. 1st ed. 1960. 239 pp.

**Oklahoma**

- University of Oklahoma, Norman, Bureau of Business Research  
*Oklahoma Data Book, 1966*. 1966. 152 pp.

**Oregon**

- University of Oregon, Eugene, Bureau of Business and Economic Research  
*Oregon Economic Statistics, 1967*. 1967. 82 pp.

**Pennsylvania**

- Department of Internal Affairs, Harrisburg, Bureau of Statistics  
*Pennsylvania Statistical Abstract, 1967*. 9th ed. 1967. 380 pp.

**Rhode Island**

- Rhode Island Development Council, Providence  
*Rhode Island Basic Economic Statistics*. No. 11. 1967. 130 pp.  
 (In process.)

**South Carolina**

- University of South Carolina, Columbia, Bureau of Business and Economic  
 Research  
*General Statistics on South Carolina*. 1965. 58 pp.

**South Dakota**

- University of South Dakota, Vermillion, Business Research Bureau  
*South Dakota Economic and Business Abstract, 1939-1962*. 1963. 263 pp.  
 (Bulletin No. 79.)

**Tennessee**

- University of Tennessee, Knoxville, Bureau of Business and Economic Research  
*Tennessee Statistical Abstract*. (Proposed title.) 1st ed. 1967. 350  
 pp. (In process.)

**Texas**

- Dallas Morning News, Dallas  
*Texas Almanac, 1968-69*. 1967. 704 pp.

**Utah**

- Utah Foundation, Salt Lake City  
*Statistical Abstract of Government in Utah*. 1965 ed. 1965. 104 pp.  
 University of Utah, Salt Lake City, Bureau of Economic and Business Research  
*A Statistical Abstract of Utah's Economy, 1964*. 1964. (Studies in Business and  
 Economics, V. 24, No. 3.)

**Vermont**

Central Planning Office, Montpelier

*An Audit of Vermont; A Statistical Summary of Selected Recent Economic Changes.* 1963. 11 pp. (2d edition forthcoming.)

**Virginia**

University of Virginia, Charlottesville, Thomas Jefferson Center for Studies in Political Economy

*Statistical Abstract of Virginia.* 1966.

**Washington**

Washington State Research Council, Olympia

*The Research Council's Handbook, 1964-1965.* 2d ed. 1964. 650 pp.

**West Virginia**

Agricultural Experiment Station, Morgantown

*County Study Data Book; Measures of Social Change in West Virginia.* 1961. 96 pp. (Bulletin No. 464.)

West Virginia University, Morgantown, Bureau of Business Research

*West Virginia Statistical Handbook, 1965.* 1964. 165 pp. (Business and Economic Studies, V. 9, No. 1.)

**Wisconsin**

Department of Resource Development, Madison, Division of Economic Development

*Facts for Industry.* 1964. 171 pp.

Legislative Reference Bureau, Madison

*The Wisconsin Blue Book, 1966.* 1966. 850 pp.

**Wyoming**

Agricultural Experiment Station, Laramie

*Wyoming Agriculture; Economic Statistics of Wyoming's Agricultural Industry.* 1965. 84 pp. (Mimeo Circular No. 211; revised edition in process.)

University of Wyoming, Laramie, Division of Business and Economic Research

*Wyoming Statistical Abstract.* 1967. (In process.)

**Puerto Rico**

Planning Board, San Juan, Bureau of Economic and Social Analysis

*Historical Statistical Yearbook 1966.* 1967. 400 pp. (In process.)



## Source Agencies and Table Numbers

This listing presents the names of all government and nongovernment agencies supplying the data comprising this volume, together with the numbers of the tables in which each agency's data appear. Table numbers followed by "co-op." indicate that the statistics were compiled by the agency listed, in cooperation with another agency; those followed by "part" indicate that statistics from another source appear in the same table.

## GOVERNMENT AGENCIES

Administrative Office of the U.S. Courts:  
225-232, 712, 713

## Agriculture:

Agricultural Stabilization and Conservation Service:

915, 916, 951-952 (co-op.)

Commodity Exchange Authority:  
658

Economic Research Service:

119, 120, 284, 344, 636, 637, 892, 896 (co-op.), 909-914, 917, 918, 925 (co-op.), 926-929, 931, 933, 934, 939, 943, 945 (co-op.), 954 (co-op.), 955, 963, 970 (co-op.), 1133 (part), 1134

Farmer Cooperative Service:

689 (co-op.), 922-924

Foreign Agricultural Service:  
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Forest Service:

295, 972, 973, 974 (part), 976-980, 985-987

Rural Electrification Administration:  
689 (co-op.), 733, 765

Soil Conservation Service:  
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Statistical Reporting Service:

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Atomic Energy Commission:

790, 791, 792 (part), 793 (co-op.)

Board of Governors, Federal Reserve System:

467, 468, 488, 490, 614, 619, 621, 625, 627-631, 635, 639, 641, 642, 648-652, 656, 657, 660-661 (part), 699, 702, 705 (co-op.), 1017, 1104, 1111-1113, 1214

Civil Aeronautics Board:

852-853 (co-op.), 855 (co-op.), 857-858 (co-op.)

Civil Service Commission:

361 (co-op.), 423, 569-576, 782 (co-op.)

Commerce:

703 (co-op.), 817 (co-op.)

Bureau of the Census:

458, 518 (part), 523, 160 (part), 686-688, 817 (co-op.), 1021, 1228, 1229, 1263

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Agriculture Division:

894, 895, 896 (co-op.), 897-902, 904, 905, 907, 919-921, 935, 964-965 (part), 969, 1251

Business Division:

816 (part), 961, 1176-1184, 1185 (co-op.), 1186-1195, 1197, 1198, 1253 (co-op.), 1254, 1255

Construction Statistics Division:

803, 1067-1071, 1073, 1075 (part), 1079-1083, 1087 (co-op.)

Foreign Trade Division:

792 (part), 861, 866-868, 870, 877, 878, 932, 995 (part), 1010-1011 (co-op.), 1023, 1029 (co-op.), 1137 (part), 1162, 1223, 1224 (part), 1233, 1234-1235 (part), 1236, 1246

Geography Division:

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Governments Division:

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Housing Division:

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Industry Division:

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Population Division:

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Bureau of International Commerce:

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## Environmental Science Services Administration:

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## Maritime Administration:

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## Office of Business Economics:

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## Patent Office:

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## Congress:

## Clerk of the House:

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## House Committee on Government Operations:

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## Joint Committee on Printing:

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## Library of Congress:

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## Senate Library:

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## Defense:

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## Navy:

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## Office of Civil Defense:

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## Executive Office of the President:

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## Bureau of the Budget:

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## Council of Economic Advisers:

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## Federal Communications Commission:

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## Federal Deposit Insurance Corporation:

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## Federal Home Loan Bank Board:

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## Federal Power Commission:

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## Federal Trade Commission:

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## Health, Education, and Welfare:

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## Office for Demonstrations and Intergovernmental Relations:

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## Bureau of Employees' Compensation:

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## Bureau of Employment Security:

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## Bureau of Labor Statistics:

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## National Aeronautics and Space Administration:

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## National Forest Reservation Commission:

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## National Science Foundation:

771-780, 782 (co-op.), 784-786, 787-789 (co-op.)

## Office of Economic Opportunity:

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## Outdoor Recreation Resources Review Commission:

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## Panama Canal Company:

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## Post Office Department:

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## The President's Commission on Law Enforcement and Administration of Justice:

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## Agency for International Development:

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## Office of International Administration:

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## Bureau of Public Roads:

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## Federal Aviation Administration:

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## Bureau of Customs:

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## Bureau of the Mint:

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## Comptroller of the Currency:

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## Internal Revenue Service:

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## U.S. Arms Control and Disarmament Agency:

361 (co-op.)

## Veterans Administration:

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## NONGOVERNMENT AGENCIES

## Air Transport Association of America, Washington, D.C. 20006:

856

## Amateur Softball Association of America, Newark, N.J. 07102:

306 (part)

## American Association of Museums, Washington, D.C. 20008:

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## American Bar Foundation, Chicago, Ill. 60637:

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## American Bowling Congress, Milwaukee, Wis. 53211:

306 (part)

## American Bureau of Shipping, New York, N.Y. 10004:

887 (part)



## NONGOVERNMENT AGENCIES—Continued

- American Dental Association, Chicago, Ill. 60611:  
79 (co-op.), 83 (co-op.)
- American Economic Association, Evanston, Ill. 60201:  
160 (part)
- American Gas Association, New York, N.Y. 10016:  
768-770, 1036-1037 (co-op.)
- American Hospital Association, Chicago, Ill. 60611:  
96 (co-op.), 97-100
- American Iron & Steel Institute, New York, N.Y. 10017:  
1156-1159, 1161
- American Library Association, Chicago, Ill. 60611:  
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- American Medical Association, Chicago, Ill. 60610:  
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- American National Red Cross, Washington, D.C. 10006:  
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- American Nurses' Association, New York, N.Y. 10019:  
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- American Osteopathic Association, Chicago, Ill. 60611:  
79-80 (co-op.), 83 (co-op.)
- American Petroleum Institute, New York, N.Y. 10020:  
1032 (co-op.)
- American Pulpwood Association, New York, N.Y. 10017:  
992-993 (co-op.)
- American Symphony Orchestra League, Inc., Vienna, Va. 22180:  
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- American Telephone & Telegraph Co., New York, N.Y. 10007:  
726 (part), 727, 730 (co-op.)
- American Transit Association, Washington, D.C. 20006:  
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- Association of American Battery Manufacturers, 19 North Harrison Street, East Orange, N.J. 07017:  
817 (co-op.)
- Association of American Railroads, Washington, D.C. 20006:  
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- Automobile Manufacturers Association, Detroit, Mich. 48202:  
815 (part), 817 (co-op.)
- Bankers Trust Co., Box 318, Church Street, New York, N.Y. 10015:  
615-617
- Boating Industry Association, 333 North Michigan Avenue, Chicago, Ill. 60601:  
306 (part)
- R. R. Bowker Co., 62 West 45th Street, New York, N.Y. 10036:  
748, 849 (part), 750
- Boy Scouts of America, New Brunswick, N.J. 08903:  
442 (part)
- Bureau of Advertising of American Newspaper Publishers Association, New York, N.Y. 10017:  
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- Chemical Specialties Manufacturers Association, Inc., 50 East 41st Street, New York, N.Y. 10017:  
817 (co-op.)
- Chilton Company, Philadelphia, Pa. 19139:  
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- Commercial & Financial Chronicle, 25 Park Place, New York, N.Y. 10007:  
655
- Congressional Quarterly Incorporated, 1735 K Street NW., Washington, D.C. 20006:  
547
- Decker Communications, Inc., 501 Madison Avenue, New York, N.Y. 10022:  
1199-1201
- Dewhurst, J. F., & Associates, The Twentieth Century Fund, 41 East 70th Street, New York, N.Y. 10021:  
752 (part)
- F. W. Dodge Co., 330 West 42d Street, New York, N.Y. 10036:  
1076-1078
- Dun & Bradstreet, Inc., New York, N.Y. 10007:  
714-717
- Edison Electric Institute, New York, N.Y. 10017:  
762
- Editor and Publisher, 850 3d Avenue, New York, N.Y. 10022:  
746
- Engineering and Mining Journal, McGraw-Hill Inc., 330 West 42d Street, New York, N.Y. 10036:  
1022 (part), 1055 (co-op.)
- Finance Magazine, 25 East 73d Street, New York, N.Y. 10003:  
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- Fortune, Time and Life Building, Rockefeller Center, New York, N.Y. 10020:  
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- The Foundation Library Center, 444 Madison Avenue, New York, N.Y. 10022:  
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- Girl Scouts of the U.S.A., New York, N.Y. 10022:  
442 (part)
- Governmental Affairs Institute, 1726 Massachusetts Avenue NW., Washington, D.C. 20036:  
517-519 (part), 521 (part), 524 (part), 529-531, 532 (part)
- Health Information Foundation, 5555 Ellis Ave., Chicago, Ill. 60637:  
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- The Health Insurance Council, Chicago, Ill. 60606:  
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- Institute of Life Insurance, New York, N.Y. 10017:  
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- Insurance Information Institute, 110 William St., New York, N.Y. 10038:  
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- The International City Managers' Association, 1313 East 60th Street, Chicago, Illinois 60637:  
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- The Iron Age, Chestnut and 56th Streets, Philadelphia, Pa. 19139:  
1022 (part)
- Leading National Advertisers, Inc., 750 3d Avenue, New York, N.Y. 10017:  
1205-1206 (co-op.)
- Lloyd's Register of Shipping, 17 Battery Place, New York, N.Y. 10004:  
890
- MacKay-Shields Economics, Inc., 551 Fifth Avenue, New York, N.Y. 10017:  
982 (co-op.)
- Moody's Investors' Service, 99 Church Street, New York, N.Y. 10007:  
659
- Merchandising Week, Billboard Publishing Co., 165 West 46th Street, New York, N.Y. 10036:  
1097, 1168
- National Association of Frozen Food Packers, Washington, D.C. 10006:  
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- National Association of Hosiery Manufacturers, Charlotte, N.C. 28202:  
1144
- National Association of Motor Bus Owners, Washington, D.C. 20006:  
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- National Association of State Racing Commissioners, Post Office Box 156, Lexington, Ky. 40501:  
306 (part)
- National Basketball Association, New York, N.Y. 10001:  
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- National Bureau of Economic Research, Inc., New York, N.Y. 10016:  
661 (part)
- National Canners Association, Washington, D.C. 20036:  
960
- National Collegiate Athletic Association, Box 757, Grand Central Station, New York, N.Y., 10017:  
306 (part)
- National Council of the Churches of Christ in the United States of America, New York, N.Y. 10027:  
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- National Duckpin Bowling Congress, Washington, D.C. 20005:  
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- National Education Association, Washington, D.C. 20036:  
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- The National Football League, 1 Rockefeller Plaza, New York, N.Y. 10020:  
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- National Forest Products Association, Washington, D.C. 20036:  
982 (co-op.)
- National Frozen Food Association, New York, N.Y. 10017:  
959 (part)
- National Golf Foundation, Inc., 804 Merchandise Mart Plaza, Chicago, Ill. 60654:  
306 (part)
- National Industrial Conference Board, Inc., New York, N.Y. 10022:  
508
- The National League for Nursing, Inc., New York, N.Y. 10019:  
148 (co-op.)
- National Recreation and Park Association, Washington, D.C. 20006:  
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- National Research Council, 2101 Constitution Avenue NW., Washington, D.C. 20418:  
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- The Oil and Gas Journal, 211 South Cheyenne Street, Tulsa, Okla. 74103:  
1031 (co-op.)
- Polk, R. L. and Company, Detroit, Mich. 48226:  
822
- Publishers Information Bureau, Inc., New York, N.Y. 10022:  
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- Ratcliff, Rathbun, & Honnold, Social Science Research Council, 230 Park Avenue, New York, N.Y. 10017:  
1102 (part)
- Resources for the Future, Inc., 1755 Massachusetts Avenue NW., Washington, D.C. 20036:  
299 (part)
- The Ring, 307 West 49th Street, New York, N.Y. 10019:  
306 (part)
- The Rubber Manufacturers Association, Inc., 444 Madison Avenue, New York, N.Y. 10022:  
817 (co-op.)

## NONGOVERNMENT AGENCIES—Continued

- |   |   |
|---|---|
| <p>Scudder, Stevens &amp; Clark, 300 Park Avenue, New York, N.Y. 10022: 661 (part)</p> <p>Shipbuilders Council of America, Washington, D.C. 20006: 888, 889</p> <p>Southern Education Reporting Service, Post Office Box 6156, Acklen Station, Nashville, Tenn. 37212: 171, 172</p> <p>The Spectator, Chestnut and 56th Streets, Philadelphia, Pa. 19139: 666-668 (part), 675, 680, 821</p> <p>Survey Research Center of the University of Michigan, Ann Arbor, Mich. 40804: 470, 489, 820</p> <p>Tanners' Council of America, Inc., New York, N.Y. 10016: 1146</p> <p>Television Bureau of Advertising, Inc., New York, N.Y. 10020: 1205-1206 (co-op.)</p> <p>The Travelers Insurance Companies, Hartford, Conn. 06103: 833, 835</p> | <p>The Twentieth Century Fund, Inc., 41 East 70th Street, New York, N.Y. 10021: 309</p> <p>United Community Funds &amp; Councils of America, Inc., 345 East 46th Street, New York, N.Y. 10017: 445</p> <p>United States Independent Telephone Association, 425 13th Street NW., Washington, D.C. 20004: 728</p> <p>U.S. Lawn Tennis Association, 120 Broadway, New York, N.Y. 10005: 306 (part)</p> <p>United States Pulp Producers Association, 122 East 42d Street, New York, N.Y. 10017: 992-993 (co-op.)</p> <p>Waring, John A., 8502 Flower Avenue, Takoma Park, Md. 20012: 752 (part)</p> <p>World Almanac, 230 Park Avenue, New York, N.Y. 10017: 306 (part)</p> |
|---|---|

## INTERNATIONAL

- |   |  |
|---|--|
| <p>Food and Agriculture Organization of the United Nations, Washington, D.C. 20250: 1271-1273 (part)</p> <p>The Institute for Strategic Studies, 18 Adam Street, London W.C. 2, England: 1266, 1267</p> | <p>Organisation for Economic Co-operation and Development, 1346 Connecticut Avenue NW., Washington, D.C. 20006: 1264 (co-op.), 1265</p> <p>United Nations, Statistical Office, New York, N.Y. 10017: 1256-1258, 1260-1262, 1268-1270, 1271-1273(part), 1274-1282</p> |
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